

List of Reviewers
(as per the published articles)
Year: 2020

Plant Cell Biotechnology and Molecular Biology

ISSN: 0972-2025

2020 - Volume 21 [Issue 15-16]

EVALUATION OF COMBINING ABILITY AND GRAIN YIELD OF SOME TROPICAL MAIZE INBRED LINES IN THE NORTH CENTRAL REGION OF VIETNAM

- (1) Bhupen K. Baruah, JB College, India.
- (2) Karmaoui Ahmed, Southern Center for Culture and Sciences, Morocco.
- (3) Karine Kettener, Brazil.

LOW-COST MEDIA IS AN ALTERNATIVE NOVEL TECHNIQUE TO REGENERATE *in vitro* Gynuraprocarbans (Lour.) Merr. INIMITABLE MEDICINAL PLANT

- (1) T. S. Swapna, University of Kerala, India.
- (2) D. Samuel SparjanBabu, Tripura Bio-Tech Limited, India.

FIRST REPORT OF *Rhizoctonia solani* CAUSING DAMPING-OFF AND ROOT ROT DISEASE ON *etrahlinis articulata* SEEDLINGS

- (1) Zakawa Ndale Ngida, Adamawa State University, Nigeria.
- (2) Ram Babu Gaur, S. K. Rajasthan Agricultural University, India.
- (3) O. P. Sharma, S.K.N. Agriculture University, India.

REACTIVE OXYGEN AND NITROGEN SPECIES: KEYPLAYERS IN PLANT RESPONSE TO STRESS

- (1) Washa B. Washa, University of Dar es Salaam, Tanzania.
- (2) Joseau Marisa Jacqueline, Universidad Nacional de Córdoba, Argentina.

STUDY OF THE NUTRITIONAL QUALITY AND GERMINATION CAPACITY OF *Cicer arietinum* INFESTED BY *Callosobruchus maculatus* (Fab.)

- (1) Hamid Ahani, MPORG, Iran.
- (2) Andréia Maria Nogueira Dantas, Federal University of Campina Grande, Brazil

PURE NATURAL STANDS OF *Castanopsis boisii*, AN EDIBLE CHESTNUT IN VIETNAM

- (1) Vijay Kumar meena, Govt. PG College, India.
- (2) Muhandi, Tadulako University, Indonesia

CULTIVAR DIFFERENCES IN EPICUTICULAR WAX CONTENT AND EXPRESSION ANALYSIS OF β -keto acyl CoA synthase 1 (kcs1) AN EPICUTICULAR WAX SYNTHESIZING GENE IN GROUNDNUT (*Arachis hypogaea*L.) UNDER DROUGHT STRESS

- (1) Jefferson Silveira Teodoro, Brazil.
- (2) Botau Dorica, Banat's University of Agricultural Sciences and Veterinary Medicine, Romania.

RAPID *in vitro* PROPAGATION AND GENETIC FIDELITY EVALUATION OF MEDICINALLY IMPORTANT MEXICAN CORIANDER (*Eryngium foetidum* L.)

- (1) Tifouri Benzina Zeyneb, Djillali Liabes University, Algeria.
- (2) Khalid Mohammed, Murdoch University, Australia.

***in vitro* EXPLORATION OF THE SIGNIFICANCE OF SALINITY STRESS IN ENHANCING ANTIOXIDANT CAPACITY OF *Rauwolfia serpentina* (L.) Benth. ex KURZ (ANGIOSPERMS; APOCYNACEAE)**

- (1) Nagham Mahmood Aljamali, University of Kufa, Iraq.
- (2) Abdullahi Yahaya Muhammad, Jigawa State College of Education, Nigeria.

EFFECT OF DIFFERENT FUNGICIDES IN THE CONTROL OF *Botrytis cinerea* Pers. *in vitro* AND *in vivo* IN STRAWBERRY (*Fragaria ananassa* Duch.)

- (1) Laura L. Villalba, Universidad Nacional de Misiones, Argentina.
- (2) Georgia De Souza Peixinho, Federal University of Alagoas, Brazil.
- (3) Víctor García Gaytán, El Colegio De Michoacán, Mexico.

***in vitro* MORPHOGENESIS OF FOLIAR EXPLANTS AND PLANT REGENERATION OF *Actinidia deliciosa* A. Chev. – A HORTICULTURAL IMPORTANT PLANT**

- (1) Mohammad Ehsan Taghavizadeh Yazdi, Technical and Vocational Training Organization, Iran.
- (2) Mehrcehdéh Tafazolli, Sari Agricultural Sciences and Natural Resources University, Iran.

ANTIBACTERIAL POTENTIALITY OF BIOLOGICALLY SYNTHESIZED IRON OXIDE NANOPARTICLES

- (1) Samir M. Khalaf, University of Al-Anbar, Iraq.
- (2) Zameer Shervani, Food & Energy Security Research & Product Centre, Sendai, Japan

FACTORS AFFECTING ASYMBIOTIC IMMATURE SEED CULTURE AND *in vitro* PROPAGATION OF *Paphiopedilum insigne* (WALL. Ex. LINDL.) PFITZER – A HORTICULTURAL IMPORTANT VULNERABLE ORCHID

- (1) Rebeca Menchaca, Tropical Research Center, Mexico.
- (2) Rafael Hansen Madail, Brazil.

PROSPECTS FOR THE USE OF THE MICROBIOLOGICAL PREPARATIONS FOR THE REPRODUCTION OF RARE SPECIES OF TREE-SHRUB VEGETATION OF THE SOUTH OF THE CENTRAL RUSSIAN UPLAND

- (1) Cengiz Yildirim, Amasya Üniversitesi, Turkey.
- (2) Kamlesh Kumar, ICAR-Central Institute for Arid Horticulture, India

STUDY OF THE MORPHOLOGICAL AND ANATOMICAL STRUCTURE OF *Ferula foetida* SEEDS FROM DIFFERENT MANGYSHLAK POPULATIONS

- (1) Muhammad Ahmad Zeshan, University of Sargodha, Pakistan.
- (2) Bhagyashree Kesharwani, Sam Higgin University of Agriculture, India.

UNRAVELING THE PLANT GROWTH PROMOTING POTENTIAL OF MICROBES ASSOCIATED WITH *Diplazium esculentum* AND *Clitoria ternatea*

- (1) Rudi Emerson de Lima Procópio, Brazil.
- (2) I. Made Sudiana, Research Center for Biology-LIPI, Cibinong Science Center, Indonesia

A SYSTEMATIC REVIEW ON EXTRACTION METHODS, PHARMACOLOGY, PHARMACOKINETICS AND CLINICAL STUDIES OF BIOACTIVE LEAD: 6-GINGEROL

- (1) Alzira Batista Cecilio, Brazil.
- (2) Olanrewaju Ayodeji Durojaye, University of Science and Technology of China, China.

ANTI-MICROBIAL ANALYSIS OF NEEM, ASHOKA, BAMBOO AND ARANDI PLANTS

- (1) Alexandre de Paula Rogerio, Universidade Federal do Triangulo Mineiro, Brazil.
- (2) Bakka Chahrazad, Kasdi Merbah University – Ouargla, Algeria.

THERAPEUTIC POTENTIAL OF *Pogostemon benghalensis*: AN UPDATED REVIEW

- (1) Mohammed Babiker Suliman, National Centre for Research, Sudan.
- (2) Belkhadja Hamza, University of Mustapha Stambouli, Mascara, Algeria.
- (3) Ajaz Hassan Ganie, University of Kashmir, India.

EVALUATION OF ANTIOXIDANT PROPERTY OF SEEDS OF *Pongamia pinnata* BY DPPH METHOD (2,2-diphenyl-1-picrylhydrazyl)

- (1) Maribeth Laurente, University of Perpetual Help System, Philippines.
- (2) Naaem M. Rabeh, Helwan University, Egypt.
- (3) Davoud Esmaili, Iran.

BIOREMEDIATION OF CADMIUM

- (1) Daniel Obochi Jalija, Ahmadu Bello University, Nigeria.
- (2) Nuril Hidayati, Research Center for Biology-Indonesia Institute of Sciences (LIPI), Indonesia.

CHIA (*Salvia hispanica*) THE WONDER SEEDS: A REVIEW

- (1) Michelle Félix de Andrade, Universidade Federal de Campina Grande, Brazil.
- (2) Ivo Diego de Lima Silva, Federal University of Pernambuco, Brazil.
- (3) Augustine Ikhueoya Airaodion, Federal University of Technology Owerri, Nigeria

HEALTH BENEFITS OF *Cordyceps militaris*: OVERVIEW

- (1)Hasta Handayani Idrus, Universitas Muslim Indonesia, Indonesia.
- (2)Bakka Chahrazad, Kasdi Merbah University-Ouargla, Algeria.
- (3)Thamer Mutlag Jasim, Mustansiriyah University, Iraq.

BIODIESEL: A PROMISING ALTERNATE TO CONVENTIONAL FUELS

- (1)Emmanuel Ogunniyi, Jomo Kenyatta University of Agriculture and Technology, Kenya.
- (2)Mohammad Yusuf, Universiti Teknologi PETRONAS, Malaysia.
- (3)Ing. Doty Dewi Risanti, Indonesia.

REVIEW ARTICLE ON PHYTOCONSTITUENTS AND PHARMACOLOGICAL PROFILE OF *Portulaca quadrifida* Linn. AND *Paspalum scrobiculatum* Linn.

- (1)Flávia Silva Barbosa, Universidade Federal do Recôncavo da Bahia, Main Campus (UFRB), Brazil.
- (2)M. Kousalya, Dr. M.G.R. Medical University, India.
- (3)Ouedraogo Lassané, Institut de l'Environnement et de Recherches Agricoles (INERA), France

ALZHEIMER TREATMENT USING MEDICINAL PLANTS

- (1)Pedro Silvino Pereira, Regional University of Cariri, Brazil.
- (2)Alexandra Jenny López Barrera, Universidad de Guayaquil, Ecuador.

A REVIEW ON MAGIC OF WONDER HERB: *Tinosporacordifolia*

- (1)Shaimaa Hassan Negm, Port Said University, Egypt.
- (2)Fernando Cesar Martins Betim, Federal University of Parana, Brazil.

ANTI-DIABETIC PROPERTIES OF SOME SELECTED MEDICINAL PLANTS USED IN FOLKLORE MEDICINE IN INDIA: A REVIEW

- (1)Luana Bernardi, Federal University of Mato Grosso do Sul, Brazil.
- (2)Vania Jesus dos Santos de Oliveira, Faculdade Maria Milza, Brazil.

EFFICIENT GREEN APPROACH FOR THE SYNTHESIS OF 1, 4-dihydropyridines UNDER SOLVENT-FREE CONDITIONS ADOPTED IN INDIA: A SYSTEMATIC REVIEW

- (1)Ricardo Ferreira Affeldt, Federal University of Santa Catarina, Brazil.
- (2)F. K. Behbahani, Islamic Azad University, Iran.

BIO-MEDICINAL PROPERTIES OF TURMERIC (*Curcuma longa* L.), DIETARY SPICES USED AS FOLKLORE MEDICINE IN INDIA: A REVIEW

- (1)Saleh Ahmed Mohamed, National Research Centre El-Tahrir St., Egypt.
- (2)Tengku Khamanur Azma Binti, Universiti Malaysia Pahang, Malaysia.

WASTE TO ENERGY: SUSTAINABLE APPROACH FOR RENEWABLE ENERGY

- (1)Ako Olga Yolande Aké, Nangui Abrogoua University, Ivory Coast.
- (2)Mahmoud M. Abdel daiem, Zagazig University, Egypt.

PHYTOCHEMICAL PROFILING, ANTIMICROBIAL AND ANTIOXIDANT ACTIVITIES ON LEAVES EXTRACT OF *Murraya koenigii*

- (1)Mario Alberto Burgos Aceves, Mexico.
- (2)Hayfa H. Hassani, University of Baghdad, Iraq.

2020 - Volume 21 [Issue 17-18]

A REVIEW: MICROBIAL ANTICANCER PIGMENTS

- (1)P. V. Kamala Kumari, Vignan Institute of Pharmaceutical technology, India.
- (2)J. Madhusudhanan, Aarupadai Veedu Institute of Technology, India

BIOINFORMATICS: OVERVIEW AND ITS SCOPE IN 'OMICS' TECHNOLOGIES

- (1)J. Madhusudhanan, Aarupadai Veedu Institute of Technology, India.
- (2)Caba Ioan Ladislau, Politehnica University Timisoara, Romania.

SERINE RACEMASES FROM PROKARYOTES TO EUKARYOTES: AN OVERVIEW ON ITS ROLE AND EXISTENCE

- (1)Sharif Alhassan Abdullahi, Bayero University Kano, Nigeria.
- (2)Monica E. Ureña-Guerrero, Universidad de Guadalajara (CUCBA), Mexico.

QUALITATIVE PHYTOCHEMICAL SCREENING OF SWEETORANGE (*Citrus sinensis*) PEEL EXTRACT-A PRELIMINARY STUDY

- (1)Zulkhairi Amom, Universiti Teknologi, Malaysia.
- (2)Ayat Ahmed Alrasheid Abdalrahman, University of Medical Sciences and Technology, Sudan.
- (3)Joshua O. Ighalo, University of Ilorin, Nigeria.

ISOLATION AND IDENTIFICATION OF PIGMENT PRODUCING BACTERIA FROM VERMICOMPOST MANURE AND CHECK THE ANTIMICROBIAL ACTIVITY OF EXTRACTED PIGMENT

- (1)Alondra A. Cortés Téllez, Universidad Michoacana de San Nicolás de Hidalgo, Mexico.
- (2)María Carmen Bartolomé Camacho, Michoacan University of San Nicolas Hidalgo, Mexico.

INDUSTRIAL APPLICATIONS OF BIOSURFACTANTS: AMINI REVIEW

- (1)Csutak Ortansa, University of Bucharest, Romania.
- (2)Huda Saleh El-Sheshtawy, Egyptian Petroleum Research Institute (EPRI), Egypt.

ANTIOXIDANT PROPERTIES OF GREEN TEA-A REVIEW

- (1)Juliana Tomaz Pacheco Latini, Federal University of Rio de Janeiro, Brazil.
- (2)Duangporn Werawatganon, Chulalongkorn University, Thailand.

THE REMEDIAL AND CURATIVE ASSETS OF *Catharntus roseus*: A REVIEW

- (1)Yahia Massinissa, University of Khenchela, Algeria.
- (2)Félicien Mushagalusa Kasali, Mbarara University of Science and Technology (MUST), Uganda.

GENETIC TRANSFORMATION OF *Olea europaea* (Olive) FOR FOLATE BIO-FORTIFICATION

- (1)V. Ramasubba Reddy, ANGR Agricultural University, India.
- (2)J. Madhusudhanan, Vinayaka Mission's Research Foundation, India

ASSOCIATION OF *Helicobacter pylori* IN CAUSING STOMACH PROBLEMS

- (1)Jong Hwa Yum, Dong-Eui University, South Korea.
- (2)Celal Ulasoglu, Istanbul Medeniyet University, Turkey.

MEDICINAL APPLICATIONS OF BIOSURFACTANTS

- (1)Ana Carolina Lyra de Albuquerque, Federal University of Campina Grande, Brazil.
- (2)Nayra Do Socorro Caldas Teixeira, Universidade Federal do Piauí, Brazil.

CHEMISTRY OF TURMERIC: A GOLDEN SPICE WITH THE MULTIFUNCTIONAL BENEFITS

- (1)Someshwar Dattatraya Mankar, Pravara Rural College Of Pharmacy, India.
- (2)Soumendira Chakraborty, Uttar Banga Krishi Viswavidyalaya, India.
- (3)Asadu Christian Oluchukwu, Gregory University Uтуру, Nigeria.

POPULATION AND REGENERATION DYNAMICS OF *Scaphium macropodium* (Miq.) Beumée ex K. Heyne IN EVERGREEN BROADLEAVED FORESTS, VIETNAM

- (1)Prem Prakash, Dr. YS Parmar University of Horticulture and Forestry, India.
- (2)Lilian Marcia Santana Mascarenhas, Universidade Estadual de Feira de Santana, Brasil.

METAL STRESS ON SEED GERMINATION AND GROWTH

- (1)A. F. M. Faizullah, Inner Mongolia University, China.
- (2)Zohra Omouri, INRS-Institut Armand Frappier, Canada.
- (3)Waraporn Chouychai, Nakhonsawan Rajabhat University, Thailand.

HEAT SHOCK PROTEINS (HSPs) -A MOLECULAR CHAPERONE FOR PLANT PROTECTION

- (1)Ariola Bacu, University of Tirana, Albania.
- (2)Thomas. S. Esson, Nasarawa State University, Nigeria.
- (3)Ahmed Housanie Abdu Mohamed El-Sappah, Zagazig University, Egypt

In vitro TISSUE CULTURE STUDIES ON *Anagallis arvensis*

- (1)Fazal Ullah, University of Chinese Academy of Sciences, China.
- (2)Bahadır Şin, Tokat Gaziosmanpaşa University, Turkey.

TRADITIONAL FERMENTED FOODS& BEVARAGES OF HIMACHAL PRADESH

- (1)J. C. Ikwemesi, Michael Okpara University of Agriculture, Nigeria.
- (2)Ida Bagus Agung Yogeswara, Universitas Dhyana Pura, Indonesia.
- (3)Dumitru Caterina, "Dunarea de Jos" University, Romania.

PROSPECTS OF POTENT MEDICINAL MUSHROOM, *Cordyceps militaris* (CORDYCEPS): REALM OF PHARMACOLOGICAL ACTIVITIES

- (1)Nirmala Ravimannan, University of Jaffna, Sri Lanka.
- (2)Hatil Hashim EL-Kamali, Omdurman Islamic University, Sudan.

POTENTIALS OF INVESTIGATIONS ON MISTLETOE RIBOSOME INACTIVATING PROTEINS

- (1)Okolo Raphael Chinweike, University of Nigeria, Nigeria.
- (2)Antonyuk Volodymyr, Danylo Halytsky Lviv National Medical University, Ukraine.
- (3)Lidia Patricia Jaramillo-Quintero, Universidad Autónoma de Tlaxcala, Mexico.

PLANT GROWTH PROMOTING RHIZOBACTERIA: ITS POTENTIAL APPLICATIONS AND THE EMERGENCE OF AGRICULTURE

- (1)Paulo Henrique Pereira Costa Muniz, State University of Goiás, Brazil.
- (2)Asmaa Benaissa, University of Tamanrasset, Algeria.
- (3)Muhammad Amir Zia, National Agricultural Research Centre, Pakistan.

A SHORT REVIEW ON MEDICINAL PLANT-*Moringa oleifera*

- (1)Akinseye Olanrewaju Roland, Federal university of Technology, Nigeria.
- (2)Jato, Jacob Aondongusha, Federal University of Agriculture Makurdi, Nigeria.

DIVERSITY OF ARBUSCULAR MYCORRHIZAL FUNGI ASSOCIATED WITH CAROB TREES (*Ceratonia siliqua* L.) IN WESTERN ALGERIA

- (1)Prosanta Hazarika, Rain Forest Research Institute, India.
- (2)Gibji Nimasow, Rajiv Gandhi University, India.

BIOCHAR: A GREEN AMENDMENT FOR INDIAN SOIL

- (1)U. B. Smrithi, Kerala University, India.
- (2)Aybiré Angeletti da Fonseca, Universidade Federal de Viçosa, Brazil.
- (3)Joshua O. Ighalo, University of Ilorin, Nigeria.

PHARMACOGNOSTIC AND PHARMACOLOGICAL PROFILE OF *Lallemantia royleana* BENTH. IN WALL. (LAMIACEAE)

- (1)Patrícia Oliveira da Silva, Instituto Federal Goiano, Rio Verde Campus, Brazil.
- (2)Bakka Chahrazad, Algeria.

PHARMACOGNOSTICAL AND PHARMACOLOGICAL REVIEW ON *Crinum latifolium*

- (1)Fazal Ullah, UCAS, China and Quaid-i-Azam University, Pakistan.
- (2)Mohammad Reza Khazdair, BirjandUniversity of Medical Sciences, Iran.
- (3)María del Rosario Herrera Velázquez, Universidad Estatal del Sur de Manabí, Ecuador.

PHYTOCHEMICAL, FTIR AND NMR ANALYSIS OF CRUDE EXTRACT OF *Pogostemon benghalensis* LEAVES

- (1)Ayat Ahmed Alrasheid Abdalrahman, University of Medical Sciences and Technology, Sudan.
- (2)Ana Carolina Lyra de Albuquerque, Federal University of Campina Grande, Brazil.

POTENTIAL OF ENDOPHYTES AT TREATING TUBERCULOSIS

- (1)Rudi Emerson de Lima Procópio, Universidade do Estado do Amazonas, Brasil.
- (2)Prmadhika Al Manar, IPB University, Indonesia.

PERSPECTIVES OF HEAVY METALS REMEDIATION: A REVIEW

- (1)Khali H. Alobaidi, Al-Nahrain University, Iraq.
- (2)Sandra Peña Murillo, Universidad De Guayaquil, Ecuador.

EFFECT OF RUST DISEASE ON WHEAT

- (1)Bhavana Patnayakuni, India.
- (2)Francisca Feitosa Jucá Santos, Santa Cruz State University, Brasil.

2020 - Volume 21 [Issue 19-20]

A MINI-REVIEW ON ANTI-CANCEROUS PROPERTIES OF SOME MEDICINAL PLANTS

- (1)Aldona Adamska-Szewczyk, Engineering and Health College, Poland.
- (2)Vanya Koleva, University of Shumen, Bulgaria.
- (3)Tayebeh Ranjbarnejad, Isfahan University of Medical Sciences, Iran.

SYNERGISTIC EFFECT OF FRUIT, SEEDS AND LEAVES AS ANTIOXIDANTS: A REVIEW

- (1)Medhat Mostafa Abozid, MenoufiaUniversity, Egypt.
- (2)Maria Rosana Ramirez, CONICET, Argentina.
- (3)Edogbanya Paul Ramallan Ocholi, Kogi State University, Nigeria.

BIO PRESERVATIVE POTENTIAL OF BACTERIOCINS:CLASSIFICATION,MODE OF ACTION AND APPLICATION: A REVIEW

- (1)Anwar Ali Abdulla, University of Babylon, Iraq.
- (2)Aswan Hamdullah Al-Bayyar, University of Baghdad, Iraq.
- (3)Vishal Chhetri, Royal Centre for Disease Control, Bhutan.

PLANT-DERIVED ANTIMICROBIALS (PDams) TO CONTROL URINARY TRACT INFECTIONS

- (1)E. Stobberingh, Maastricht University Medical Centre, The Netherlands.
- (2)Muhammad Sohail, University of the Punjab, Pakistan.
- (3)Ahmed Mohammed Al-Haddad, Hadhramout University, Yemen.

NOVEL CORONAVIRUS DISEASE (COVID-19) –DETECTION, TREATMENT AND EFFECT ON GLOBAL ECONOMY

- (1)Ali Abdel-hadi Mahoud Alsudani, University of Al-Qadisiyah, Iraq.
- (2)Narges Obeidi, Bushehr University of Medical Sciences, Iran.

EVALUATION OF *Syzygium travancoricum* GambleLEAF EXTRACTS FOR ITS PHYTOCHEMICALS, ANTIMICROBIAL AND ANTIOXIDANT ACTIVITIES

- (1)Cristina Valencia-Sullca, Universitat Politècnica de València, Spain.
- (2)Ernesto Cortés Castell, Universidad Miguel Hernández, Spain.

In silicoANALYSIS OF EFFECT OF PHYTOCHEMICALS FROM *Paprika oleoresin*(*Capsicum annum*L.) AGAINST DIAMINOPIMELATE DEHYDROGENASE OF *Clostridium tetani* CAUSING TETANUS

- (1)Francisco Cildomar da Silva Correia, Federal University of Acre, Brazil.
- (2)Farman Ali Khan, Shaheed Benazir Bhutto University, Pakistan.
- (3)Horacio Villalón Mendoza, Universidad Autónoma de Nuevo León, Mexico.

PHYTOCHEMICAL SCREENING, ANTIMICROBIAL AND ANTIOXIDANT ACTIVITY OF*Semecarpus prainii* King. LEAF EXTRACTS

- (1)Chouikh Atef, El Oued University, Algeria.
- (2)Rouhollah Heydari, Kermanshah University of Medical Sciences, Iran.

IMPACTS OF MOLYBDENUM ON DROUGHT TOLERANCE OF SOME MAIZE (*Zea mays* L.) CULTIVARS AT SEEDLING STAGE

- (1)Keshab Babu Koirala, Nepal.
- (2)Burcu Seckin Dinler, Sinop University, Turkey.

CLASSIFICATION OF FLORA OF AGROPHYTOCENOSSES GROWING IN THE SOUTHWEST OF THE CENTRAL RUSSIAN UPLAND (RUSSIA)

- (1)Md. Ismail Hossain, Bangladesh.
- (2)S.Sreeremya, Academy of Science, India.

ISOLATION AND MOLECULAR IDENTIFICATION OF A NOVEL *Fusarium oxysporum*FROM SUMAC PLANT

- (1)Ajinath Dukare, ICAR-Central Institute of Post-Harvest Engineering & Technology, India.
- (2)S. Umsha, University of Mysore, India.

ANALYSIS OF INTERNAL RELATIONSHIPS IN THE FOROPHYTE –ENDOPIPHYTE MEROCONSORTIUM BY THE EXAMPLE OF THE “Quercus roburL., OAK STAND -PATHOGENIC POLYPORACEAE OAK-GROWING COMMUNITY” BIOSYSTEM

- (1)S. Remya, Kerala Agricultural University, India.
- (2)Rajendra Yonzone, Victoria Institution, India.

THE EFFECT OF LOW-INTENSITY COHERENT RADIATION ON THE EFFICIENCY OF RHIZOGENESIS OF PLANTS OF THE GENUS RubusL.

- (1)Bhausahab D. Pawar, Humboldt University Berlin, Germany.
- (2)Manoj Kunmar Tripathi, RVSKVV, India.

Buglossoporus quercinusIN THE OAK FORESTS OF THE BELGOROD REGION OF THE RUSSIAN FEDERATION

- (1)Onilude Quadri Ayansola, Forestry Research Institute of Nigeria, Nigeria.
- (2)M. H. Niranjana, Davangere University, India.
- (3)Givanildo de Gois, Universidade Federal Fluminense (UFF), Brazil.

IDENTIFYING WOODY PLANTS-ERGASIOPHYTES IN THE SETTINGS OF THE BOTANICAL GARDEN OF BELGOROD STATE UNIVERSITY IN RUSSIA

- (1)Kansih Sri Hartini, Universitas Sumatera Utara, Indonesia.
- (2)Peter Kessels Dadzie, Kumasi Technical University, Ghana.

THE EFFECT OF PUTERSCINE AND SAL SALIC ACID AND THEIR INTERACTION ON THE MULTIPLICATION OF VEGETATIVE BUDS AND THEIR CHARACTERISTICS FOR DATE PALM CULTIVARSAL-BARHI In vitro

- (1)Waqar Ahmad, University of Queensland, Australia.
- (2)Rayssa Gomes Vasconcelos, National Institute of Amazonian Research, Brazil.

BIOCHEMICAL AND MOLECULAR APPROACHES IN Raphanus sativesAFTER HEAVY METALS (COPPER & CADMIUM) EXPOSURE

- (1)María Maura Margarita Teutli León, Universidad Autónoma de Puebla, México.
- (2)David Correia dos Anjo, University Estacio de Sá, Brazil.

2020 - Volume 21 [Issue 21-22]

GROWTH RESPONSE OF Kappaphycus alvarezii OF GREEN STRAIN SEAWEED CULTIVATED ON DIFFERENT SEASONS AND LOCATIONS IN INDONESIA

- (1)Olga Del Rosario Valdés Iglesias, Institute of Marine Science, Cuba.
- (2)K. P. Deepa, Bishop Heber College, India.
- (3)Mehrcehdeh Tafazoli, Sari Agricultural Sciences and Natural Resources University, Iran.

EFFECT OF SEED TREATMENT WITH AN ENDOMYCORRHIZAL CONSORTIUM ON THE DEVELOPMENT OF Citrus aurantiumL. PLANTS

- (1)A. Hemantaranjan, Banaras Hindu University, India.
- (2)Suryendra Singh, India.

ASSESSMENT ALGORITHM FOR IN THE COPPICE OAK FORESTS OF THE SOUTHWEST CENTRAL RUSSIAN UPLAND

- (1)Salah Eddine Marref, Université de Batna, Algeria.
- (2)Eranya, Bihar Agricultural University, India.

THE CREATION OF BIOTECHNOLOGICAL PLANT COLLECTIONS IN THE BOTANICAL GARDENS OF RUSSIA AS ONE OF THE PROMISING DIRECTIONS FOR THE CONSERVATION OF THE BIOLOGICAL DIVERSITY OF LIVING SYSTEMS

- (1)T. S. Swapna, University of Kerala, India.
- (2)M. H. Niranjana, Davangere University, India.

PHOTOMETRIC DIAGNOSTICS AS AN EVALUATION ELEMENT OF THE EFFECTIVENESS OF ORGANIC AND MINERAL FERTILIZERS

- (1)Maria Helena Menezes Cordeiro, State University of Mato Grosso, Brazil.
- (2)Suhaid Umer Ilyas, Universiti Teknologi PETRONAS, Malaysia.

EFFECT OF PLANT GROWTH REGULATORS ON BUDDINGSUCCESS PERCENTAGE AND GROWTH OF SWEET CHERRY TRANSPLANT (Prunus avium L.)

- (1)Shahram Torabian, Isfahan University of Technology, Iran.
- (2)P.Karuppasamy, Anna University, India.
- (3)Devesh Pathak, Aligarh Muslim University, India.

LARGE SCALE PRODUCTION OF FEMALE PLANTS OF Simmondsia chinensis(Link) SchneiderTHROUGH SYNTHETIC SEED TECHNOLOGY

BIOLOGICAL PERFORMANCE OF SOUTH SULAWESI COMMUNITY WOODS AGAINST A WOOD DETERIORATION ORGANISM: MARINE BORER

- (1)Pranab Dutta, Central Agricultural University, India.
- (2)B. S. Gotyal, ICAR-Central Research Institute for Jute and Allied Fibre Crops (CRIJAF), India.

THE ABILITY OF RHIZOSPHERE FUNGI ISOLATE OF MAHOGANY [Swietenia mahagoni (L.) Jacq.] IN DISSOLVING PHOSPHATE

- (1)M. Vijayaragavan, Government Arts College, India.
- (2)Nileema S. Gore, Institute of Biosciences and Technology, India.
- (3)Anet Jan Roblero, Instituto Politécnico Nacional, Mexico.

EXPLORATION OF ENDOMYCORRHIZAL FUNGUS IN AREAS CONTAMINATED WITH HEAVY METAL

- (1)M. Laavanya, Vignans Foundation of Science, Technology and Research, India.
- (2)Sateesh Ningappa Hosamane, Visvesvaraya Technological University, India.

VARIATION IN WOOD COLOR AND PRIMER DESIGN OF4CL COLOR-CODING GENE ON NYAMPLUNG (Calophyllum inophyllum L.)

- (1)Hruda Nanda Malik, Odisha University of Agriculture and Technology, India.
- (2)Sateesh Ningappa Hosamane, Visvesvaraya Technological University, India.

AN UPDATE REVIEW OF MOROCCAN MEDICINAL PLANTS USED TO TREAT DIABETES

- (1)Ankush Sachdeva, India.
- (2)Emanuel L. Peter, National Institute for Medical Research, Tanzania.
- (3)Salim Bouchentouf, Docteur Moulay Tahar University of Saida, Algeria.

CHARACTERIZATION OF PHYSIOLOGICAL CHARACTERISTICS IN SUGAR PALM(Arenga pinnata(WURMB) MERR.) AND THE RELATIONSHIP WITH BRIX VALUE AND ELEVATION

- (1)Joydip Karmakar, India.
- (2)Muazaz A. AL-Hadeethi, University of Baghdad, Iraq.

COLONY INTERACTION OF ROT FUNGI CONSORTIUM TO ENRICH COCOA POD HUSK COMPOST

- (1)K. Arunkumar, Tamil Nadu Agricultural University, India.
- (2)Keylan Silva Guirra, Federal Rural University of the Semi-Arid, Brazil.

INDIGENOUS ARBUSCULAR MYCORRHIZAL FROM JOMPIE BOTANICAL GARDEN OF PAREPAREWHICH ISOLATED AT Pterospermum diversifolium

- (1)Gibji Nimasow, Rajiv Gandhi University, India.
- (2)Samuel Cordova Sanchez, Chontalpa Popular University, Mexico.

2020 - Volume 21 [Issue 23-24]

EFFECTIVENESS OF Cinnamomum burmaniiAGAINST DECREASED CHOLESTEROL LEVELS

- (1)Poonam Choudhary, National Institute of Ayurveda, India.
- (2)Prosanta Hazarika, Rain Forest Research Institute, India.

INVESTIGATION OF BACTERIAL INHIBITORY EFFECT OF Solanum trilobatumSEED EXTRACT AGAINST DENTAL PATHOGENS

- (1)Carasu Elena Mihaela, Grigore T. POPA University of Medicine and Pharmacy, Romania.
- (2)Zohreh Ahangari, Shahid Beheshti Medical University, Iran.

ANTIBACTERIAL ACTIVITY OF CRUDE EXTRACTS OF THE ROOT OF Strychnos nux-vomicaAND Cassia angustifolia AGAINST SELECTED BACTERIAL PATHOGENS

- (1)A. E. Ajiboye, Kwara State University, Nigeria.
- (2)Arjun Chandra Bhowmick, Mawlana Bhashani Science and Technology University, Bangladesh.
- (3)Lupascu Dan, University of Medicine and Pharmacy “Grigore T. Popa” Iasi, Romania.

INVESTIGATION OF ANTI-BACTERIAL EFFECT OF MANGROVE PLANTAcanthus ilicifolius

- (1)Getachew Birhanu Abera, HawassaUniversity, Ethiopia.
- (2)Nirmala Ravimannan, University of Jaffna, Sri Lanka.

(3)Quésia Souza Damaceno, United Kingdom.

ANTIFUNGAL ACTIVITY OF CLOVE AND CINNAMON MEDIATED SELENIUM NANOPARTICLES: AN In vitroSTUDY

- (1)K. D. S. V. Karunanayaka, University of Ruhuna, Sri Lanka.
- (2)Hamdy Abd El-Gawaad Shaaban, National Research Centre, Egypt.
- (3)Desislava Teneva, Bulgarian Academy of Sciences, Bulgaria.

ANTI-INFLAMMATORY ACTIVITY OF TITANIUM DIOXIDE NANOPARTICLES SYNTHESISED USING GRAPE SEED EXTRACT: AN in vitroSTUDY

- (1)Siti Nor Hidayah Arifin, Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia.
- (2)Farzaneh Mohamadpour, Islamic Azad University, Iran.

ANTIBACTERIAL ACTIVITY OF ALOE VERA, CURCUMIN & NUTMEG AGAINST STREPTOCOCCUS MUTANS & LACTOBACILLUS -A NOVEL TRIO -in vitroSTUDY

- (1)Samaneh Alinejad Mofrad, Birjand University of Medical Sciences, Iran.
- (2)Chetana S. Makade, VSPM's Dental College and Research Centre, India.
- (3) Shireen Nazir, Altamash Institute of Dental Medicine, Pakistan.

ANTIBACTERIAL & ANTI INFLAMMATORY EFFECT OF Cassia auriculataMOUTHWASH VERSUS CHLORHEXIDINE IN PLAQUE INDUCED GINGIVITIS -A PROSPECTIVE CLINICAL & MICROBIOLOGICAL STUDY

- (1)Wégila Davi Costa, Regional University of Cariri, Brazil.
- (2)Gleilton Weyne Passos Sales, Federal University of Ceará, Brazil.

EFFICACY OF POMEGRANATE MOUTHWASH AS AN ANTIMICROBIAL AGENT

- (1)Athraa Y. Al-hijazi, Al-Mustaqbal University, Iraq.
- (2)Joselúcia Da Nóbrega Dias, Federal University Of Rio Grande Do Norte, Brazil.
- (3)Glady's Velazco de Maldonado, University of the Andes Mérida, Venezuela.

GREEN SYNTHESIS & CHARACTERISATION OF AMLA SEED MEDIATED GRAPHENE OXIDE -SILVER NANOCOMPOSITE -AN in vitroSTUDY

- (1)Rachel Soares Ramos, Federal University of Viçosa, Brazil.
- (2)Gayatri Gautam Varma, Mumbai University, India.

ANTI-FUNGAL ACTIVITY OF CHITOSAN NANOPARTICLE INCORPORATED LYCOPENEAGAINST Candida albicans USING MINIMAL INHIBITORY CONCENTRATION ASSAY

- (1)Abeer Mohammed Ali Al-garawy, Al-Muthanna University, Iraq.
- (2)Amina Mohsen Abass, Al-Nahrain University, Iraq.

EVALUATION OF ANTIMICROBIAL EFFICACY OF Foeniculum vulgareESSENTIAL OIL -AN in vitroSTUDY

- (1)Madiha Iqbal, Abasyn University Peshawar, Pakistan.
- (2)S.Sani, Usmanu Danfodiyo University, Nigeria.

TARGETING EPSTEIN BARR VIRUS ASSOCIATED GLYCOPROTEIN BALF-4 INTERACTIONS WITHO. sanctumBIO COMPOUNDS

- (1)Somar Israel Domingo Fernando, Ehime University, Japan.
- (2)Adawiya J. Haider, University of Technology, Iraq.

PREDICTION AND EVALUATION OF THE B-CELL EPITOPE PEPTIDES FOR carO OF A. baumannii

- (1)Amr Abdelmoneim El-Waseif, Al-Azhar University, Egypt.
- (2)Ekhlis M. Idan, University of Baghdad, Iraq.

QUALITY CONTROL METHODS OF Acacia catechu EXTRACT BY ATOMIC ABSORPTION SPECTROSCOPIC ANALYSIS

- (1)Mohsin Eerybi Al-Dokheily, Iraq.
- (2)Feryal Savari, Ahvaz Jundishapur University of Medical Sciences, Iran.

2020 - Volume 21 [Issue 25-26]

IN SEARCH OF ECONOMICALLY INTERESTING TREES IN THE ARGAN (*Argania spinosa*L. SKEELS) GROVE

- (1)Henti Hendalastuti Rachmat, Forest Research and Development Center, Indonesia.
- (2)Aif Fatiha, FSB-USTHB, Algeria.
- (3)Akhmad Rifai, Indonesia.

ANTIMICROBIAL AND ANTIOXIDANT ACTIVITY OF CLOVE AND CINNAMON HERBAL FORMULATION: AN in vitroSTUDY

- (1)Mazin Nadhim Mosa, Basra University, Iraq.
- (2)Okoronkwo, Samuel Okafor, Ebonyi State University, Nigeria.

GENOTYPIC CHARACTERIZATION OF *ptk*GENE ASSOCIATED WITH BIOFILM FORMATION IN THE CLINICAL ISOLATES OF A. baumannii

- (1)AyazAhmed, University of Karachi, Pakistan.
- (2)Rakshanda Baqai, Dadabhoy Institute of Higher Education, Pakistan.

EFFECT OF PEPPERMINT AND ROSEMARY OIL ON CONSTIPATION

- (1)Nazareno de Pina Braga, Federal University of Amazonas, Brazil.
- (2)Nakshween M. Ardalan, University of Baghdad, Iraq.
- (3)Belkhdja Hamza, University of Mustapha Stambouli, Algeria.

IN vitroEVALUATION OF ANTIOXIDANT, ANTI-ARTHRITIC ACTIVITY OFFicus racemosa EXTRACT

- (1)Elena Codrici, Victor Babes" National Institute of Pathology, Romania.
- (2)Po-Wei Tsai, Chang Jung Christian University, Taiwan.
- (3)Neeru Bhatt, Global Science Heritage, Canada.
- (4)Ahmed Salah Naser, University of Mosul, Iraq.

ANTIBACTERIAL ACTIVITY OF *Achyranthes aspera*EXTRACT AGAINST ORAL PATHOGENS--AN in vitroSTUDY

- (1)Bringen Bukar, Nigeria.
- (2)Muhammad Aslam Tahir, Allama Iqbal Open University, Pakistan.

In vitroANTICANCER ACTIVITY OF *Acacia*HEARTWOOD EXTRACT

- (1)Sahar Mohamed Ramzy Elsayed Radwan, Al-AzharUniversity, Egypt.
- (2)Rania Hosny Taha, Al-Azhar and Juf Universities, Egypt.
- (3)Risa Nofian, University of Tanjungpura, Indonesia.

EVALUATION OF HYPOGLYCEMIC POTENTIAL OF AQUEOUS BARK EXTRACT OF *Pterocarpus marsupium*-AN in vitroSTUDY

- (1)Mohammad Kamil, UAE.
- (2)Praveen Kumar Uppala, Andhra University, India.

ANTI-TUBERCULAR HERBAL EXTRACTS USED IN AYURVEDA -A MINI REVIEW

- (1)Sr.Prabha Grace, Carmel College of Nursing, India.
- (2)Eema Chaudhary, Subharti University, India.

EVALUATION OF ANTI CARIES ACTIVITY OF *Rubia cordifolia* EXTRACT USED AS MOUTH WASH-ANin vivo PILOT STUDY

- (1)Daniel E. Gracilla, National Sun Yat-SenUniversity, Taiwan.
- (2)Mehmet Firat Baran, Mardin Artuklu University, Turkey.
- (3)Cennet Ozay, Izmir Katip Celebi University, Turkey.

ANTIOXIDANT AND ANTIINFLAMMATORY ACTIVITY OFCHITOSAN ENCAPSULATED OMEGA 3-6-9

- (1)Ferenc Budan, University of Pecs, Hungary.
- (2)Gamal A. Elmegeed, National Research Centre, Egypt.

GREEN SYNTHESIS OF *Solanum trilobatum*MEDIATED SELENIUM NANOPARTICLES AND ITS ANTI-INFLAMMATORY AND ANTI-MICROBIAL ACTIVITY

- (1)Ana Carolina Lyra de Albuquerque, Federal University of Campina Grande, Brazil.
- (2)Amany Mohamed Haroon, National Institute of Oceanography and Fisheries, Egypt.

BIOGENIC SYNTHESIS OF *Solanum trilobatum*MEDIATED BY SELENIUM NANOPARTICLES AND ITS CYTOTOXICITY AND ANTIOXIDANT ACTIVITY

- (1)Job T. Tendenedzai, University of Pretoria, South Africa.
- (2)Babarinsa Kayode Michael, University of Ilorin, Nigeria

ANTIMICROBIAL EFFICACY OF NEEM, CALCIUM HYDROXIDE AND COMBINATION OF BOTH AS AN INTRACANAL MEDICAMENT AGAINST E.faecalis-AN In vitroSTUDY

- (1)Priscila Santos da Silva, Instituto Nacional de Tecnologia (INT), Brazil.
- (2)Sabrina Maiháve Barbosa Ramos, Federal University of Minas Gerais, Brazil.

ANTI-INFLAMMATORY ACTIVITY OF SILVER NANOPARTICLES SYNTHESISED USING Andrographis paniculataAND Phyllanthus niruri

- (1)Entesar El Sayed Hassan Mohammed, National Research Centre, Egypt.
- (2)Isiaka Ogunwande, Lagos State University, Nigeria.

In vitro PROPAGATION OF Cissampelos pareiraLinn (DIYAMITHTHA): AN IMPORTANT MEDICINAL HERB

- (1)T. S. Swapna, University of Kerala, India.
- (2)Alena Reyes Fomet, Canada.

2020 - Volume 21 [Issue 27-28]

ANTIOXIDANT AND CYTOTOXIC EFFECTS OF SILVER NANOPARTICLES SYNTHESISED USING HING OIL

- (1)Atef Abdelaziz Hassan, Agriculture Research Centre, Egypt.
- (2)Roosbeh Mofidian, Babol Noshirvani University of Technology (BUT), Iran.
- (3)L. Z. Pei, Anhui University of Technology, China.

ANTIFUNGAL ACTIVITY OF TULSI AND TURMERIC ASSISTED COPPER NANO PARTICLE

- (1)Eman Zahran, University of Würzburg, Würzburg, Germany.
- (2)Shazia Irfan, Sardar Bahadur Khan Women's Univerity, Pakistan.

EFFICACY OF Aloe veraGEL AS AN ADJUNCT TO SCALING AND ROOT PLANING IN THE MANAGEMENT OF CHRONIC PERIODONTITIS

- (1)Athraa Y. Al-Hijazi, Al-Mustaqbal University, Iraq.
- (2)S. Lakshmi Sree, Annamalai University, India.
- (3)Mustafa Özay Uslu, Inonu University, Turkey.

ANTIFUNGAL ACTIVITY OF CINNAMON -CLOVE MEDIATED SILVER NANOPARTICLES AGAINST Candida albicans

- (1)Haider TH. Salim ALRikabi, Wasit University, Iraq.
- (2)Kusmiati, Indonesian Institute of Sciences (LIP), Indonesia.

In vitroCYTOTOXIC EFFECT OF ZIRCONIUM OXIDENANOPARTICLE AND ITS ANTIBACTERIAL ACTIVITY AGAINST ORAL PATHOGENS

- (1)Albu Cristina-Crenguta, University of Medicine and Pharmacy Carol Davila, Romania.
- (2)Sabbahi Monsif, University Mohammed premier, Morocco.

ANTI-FUNGAL ACTIVITY OF SELENIUM NANOPARTICLESSYNTHESIZED USING Symplocos racemosaAGAINST Candida albicans

- (1)Warda Sidhoum, University of Mostaganem Abdel Hamid Ibn Badis,Algeria.
- (2)Laith Khalil Tawfeeq Al-Ani, University SainsMalaysia, Malaysia.

In vitroANTIOXIDANT ACTIVITY OF CHITOSAN NANOPARTICLES AND ITS INCORPORATED LYCOPENE

- (1)Sze Kwan LAM, University of Hong Kong, Hong Kong.
- (2)Tapiwa Edward Manyarara, University of Zimbabwe, Zimbabwe.
- (3)Antonio Carlos Pereira de Menezes Filho, Goiano Federal Institute, Brazil.

EFFECT OF CONTAMINATED IRRIGATION WATER ON EXTERNAL MORPHOLOGICAL CHARACTERS IN EDIBLE VEGETABLES

- (1)Babar Hussain, Institute of Agricultural Resources and Regional Planning, China.
- (2)Roshan Jahan, Aligarh Muslim University, India.

ALTERATION IN SALIVARY pH AND VIABILITY OF Streptococcus mutansBEFORE AND AFTER CHEWING TULSI (Ocimum sanctum) AND BETEL (Piper betle) LEAVES

- (1)Faiza Awais, Rashid Latif Dental College, Pakistan.
- (2)Miguel Angel Ruiz Barrueto, César Vallejo University, Peru.

ANTIBACTERIAL ACTIVITY OF TAMARIND FRUIT PULP MEDIATED SELENIUM NANOPARTICLES ISOLATED FROM WOUNDS

- (1)Nisha P. Nair, JSS College of Nursing, India.
- (2)Athraa Y. Al-hijazi, Al-Mustaqbal University, Iraq.

ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF LYCOPENE EXTRACT AGAINST ORAL PATHOGENS

- (1)Bianca Languer Vargas, Universidade Federal do Rio Grande-FURG, Brazil.
- (2)Rafael Ernesto Felitti Campomar, Uruguay.

ANTIFUNGAL ACTIVITY OF COPPER NANOPARTICLES SYNTHESISED USING Symplocos racemosaBARK

- (1)Shehla Khan, The University of Agriculture, Pakistan.
- (2)Asman, Indonesia.
- (3)Wiwik Susanah Rita, Universitas Udayana, Indonesia.

SYNTHESIS OF SILVER NANOPARTICLES USING Andrographis paniculata AND Phyllanthus niruri FORMULATION AND ITS ORAL PATHOGEN CONTROL

- (1)Surendra K. Gautam, Tribhuvan University, Nepal.
- (2)Saddam Saqib, University of Chinese Academy of Sciences, China.
- (3)Mohamed M. EL-Komi, National Institute of Oceanography and Fisheries (NIOF), Egypt.

ANTIOXIDANT ACTIVITY OF ZINC OXIDE NANOPARTICLES PREPARED USING CORIANDER OLEORESIN

- (1)Fitriyanti Jumaetri Sami, School of Pharmacy, Indonesia.
- (2)D. A. Darmajana, Indonesian Institute of Sciences, Indonesia.

PREPARATION OF MOUTHWASH USING LYCOPENE -CHITOSAN NANOCOMPOSITE AND ITS CYTOTOXIC AND ANTIMICROBIAL PROPERTIES -AN In vitroSTUDY

- (1)Abhinaya Luitel, BP Koirala Institute of Health Sciences, Nepal.
- (2)Banun Kusumawardani, University of Jember, Indonesia.

JASMONIC ACID REGULATES THE PHYSIO-BIOCHEMICAL AND MOLECULAR MODIFICATIONS IN VARIOUS PLANT MODELS TRIGGERED BY BIOTIC AND ABIOTIC FACTORS

- (1)Alex M. V. Ferreira, National Amazon Research Institute, Brazil.
- (2)Flávio José Rodrigues Cruz, University of Pernambuco, Pernambuco, Brasil.

2020 - Volume 21 [Issue 29-30]

ANTIMICROBIAL AND CYTOTOXIC ACTIVITY OF Adhatoda vasicaMEDIATED COPPER NANO PARTICLE

- (1)Silvia Marquina Bahena, Universidad Autónoma del Estado de Morelos, Mexico.
- (2)Nitica Mihaela, România.

GREEN SYNTHESIS OF L-THEANINE MEDIATED SILVER NANOPARTICLES AND THEIR ANTI INFLAMMATORY AND ANTI OXIDANT PROPERTY

- (1)Ahmet Akbaş, University of Health Sciences, Turkey.
- (2)Berni Terzioğlu Bebitoğlu, İstanbul Medeniyet University, Turkey.

ANTIFUNGAL ACTIVITY OF GRAPE SEED EXTRACT MEDIATED ZINC OXIDE NANOPARTICLES -AN In vitroSTUDY

- (1)Maryam Azizkhani, Amol University of Special Modern Technologies, Iran.
- (2)Ö. Z.Ummahan, Manisa Celal Bayar University, Turkey.

ANTIOXIDANT ACTIVITY OF ZINC OXIDE NANOPARTICLES SYNTHESISED USING GRAPE SEED EXTRACT: AN in vitroSTUDY

- (1)Mina Seifzadeh, Inland Water Aquaculture Research center, Iran.
- (2)Oday S. Abbas, Ibn Sina University of Medical andPharmaceutical Sciences, Iraq.

ANTIMICROBIAL AND ANTIOXIDANT ACTIVITY OF Phyllanthus niruri MEDIATED SILVER NANOPARTICLES

- (1)Shankarsing Sardarsing Rajput, DadaSaheb Rawal College, India.
- (2)Dwi Setyorini, Assesment Institute for Agricultural Technology, Indonesia.

ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF CelastruspaniculatusMEDIATED COPPER NANOPARTICLES

- (1)Saw Chun Lin, Ungku Omar Polytechnic, Malaysia.
- (2)Hüseyin Taniş, Kahramanmaraş Sutcuimam University, Turkey.

SYNERGISTIC ANTI INFLAMMATORY AND ANTIOXIDANT ACTIVITY OF CHLOROGENIC ACID AND L -THEANINE

- (1) Felipe Pinheiro Savioli, Albert Einstein Israelite Hospital, Brazil.
(2) Dakshita Joy Sinha, Kothiwal Dental College and Research Centre, India.

PREPARATION OF SELENIUM NANOPARTICLES USING HERBAL FORMULATION AND ITS ANTIOXIDANT ACTIVITY: AN *in vitro* STUDY

- (1) Misbah Irshad, University of Education Lahore, Pakistan.
(2) Naeemah Jabbar Owaed, University of Baghdad, Iraq.

ANTIBACTERIAL ACTIVITY OF *Symplococcus racemosa* MEDIATED COPPER NANOPARTICLES AGAINST *Streptococcus mutans*

- (1) José Fernando Marques Barcellos, Federal University of the Amazon, Brazil.
(2) Patricia González-Alva, National Autonomous University of Mexico, México.
(3) Dyah Aryani Periwatari, Universitas Ahmad Dahlan, Indonesia.

PHYTOCHEMICAL SCREENING AND BIOLOGICAL ACTIVITIES OF *Cassia occidentalis* L.

- (1) Adel Kadri, Albaha University, KSA.
(2) Gehan Fawzy Abdel Raouf, National Research Centre, Egypt.

ANTI INFLAMMATORY AND CYTOTOXIC EFFECT OF CLOVE AND CINNAMON HERBAL FORMULATION

- (1) Thaís Rodrigues Nogueira, Federal University of Piauí, Brazil.
(2) Naira Correia Cusma Pelógia, University of Taubaté, Brazil.

HING OIL MEDIATED SYNTHESIS OF SILVER NANOPARTICLES, CHARACTERISATION AND ITS ANTIMICROBIAL ACTIVITY

- (1) Muhammad Ismail Muhammad Ismail, PortSaid University, Egypt.
(2) Asmaa Nabil Adam, Marine National Institute of Oceanography & Fisheries (NIOF), Egypt.

GREEN SYNTHESIS OF SELENIUM NANOPARTICLES (SeNPs) USING AQUEOUS EXTRACT OF CLOVE AND CINNAMON

- (1) Maurício Ferreira da Rosa, UNIOESTE, Brazil.
(2) Marcelo Sousa Barbosa, Universidade Federal da Grande Dourados (UFGD), Brazil.
(3) Heba Nageh Gad El-Hak, Suez Canal University, Egypt.

***In vitro* XANTHINE OXIDASE INHIBITORY POTENTIAL OF FLAXSEED OIL**

- (1) William Gustavo Sganzerla, University of Campinas (UNICAMP), Brazil.
(2) Mamaru Bitew Alem, Debre Markos University, Ethiopia.

MORPHOLOGICAL CHARACTERISATION OF ZINC SULFIDE NANOPARTICLES USING ELECTRON MICROSCOPY AND X-RAY DIFFRACTION ASSAY

- (1) Mohammad Mahdi Abolhasani, Iran.
(2) Nuchnapa Tangboriboon, Kasetsart University, Thailand.

2020 - Volume 21 [Issue 31-32]

PHYTOREMEDIATION OF CONGO RED AND BRILLIANT GREEN USING *Lemna minor*

- (1) Agbor Reagan Bessong, University of Calabar, Nigeria.
(2) Prince Chikwere, All Nations University, Ghana.
(3) C. Muralidhar Rao, State Pollution Control Board, India.

ANTIBACTERIAL ACTIVITY OF CINNAMON -CLOVE MEDIATED SILVER NANOPARTICLES AGAINST *Streptococcus mutans*

- (1) Zameer Shervani, Food & Energy Security Research & Product Centre, Japan.
(2) Nokuthula Khannyile, University of Mpumalanga, South Africa.

GRAPE SEED AQUA ALCOHOLIC EXTRACT PREPARATION AND ITS ANTIOXIDANT, ANTIMICROBIAL AND CYTOTOXIC EFFECT -AN *in vitro* STUDY

- (1) Greice Dotto Simões, Federal University of Pelotas, Brazil.
(2) Praveen Kumar Uppala, Andhra University, India.

ANTIMICROBIAL ACTIVITY OF CLOVE AND CINNAMON FORMULATION MEDIATED SELENIUM NANOPARTICLES AGAINST ORAL PATHOGENS

- (1) M. Amirul Islam, Université de Sherbrooke, Canada.
(2) Khawla S. Khashan, University of Technology, Iraq.

CYTOTOXICITY STUDY OF COPPER OXIDE NANOPARTICLE MEDIATED THROUGH TAMARIND EXTRACT

- (1) Ramdani Messaoud, Ferhat Abbas University Setif 1, Algeria.
(2) Guilherme S. B. Sakata, Federal University of Santa Catarina, Brazil.
(3) Bernad Elena, University of Medicine and Pharmacy "Victor Babes", Timisoara.

CHARACTERIZATION AND ANTI-FUNGAL PROPERTY OF *Phyllanthus niruri* MEDIATED SILVER NANOPARTICLES

- (1) Linta Maria Jose, Kuriakose Elias College Mannanam (Affiliated to M. G. University), India.
(2) Jeyasakthy Saniasaiya, Malaysia.

ANTIOXIDANT ACTIVITY OF *Syzygium aromaticum* AND *Cinnamomum verum* FORMULATION MEDIATED SILVER NANO PARTICLES

- (1) Ö. Z. Ummahan, Manisa Celal Bayar University, Turkey.
(2) Suaad Salim Shaker, University of Technology, Iraq.

TARGETING CARO BIOFILM GENE OF *A. baumannii* WITH ESSENTIAL BIOCOMPOUNDS FROM *O. sanctum*

- (1) Asia H. Al-Mashhadani, University of Baghdad, Iraq.
(2) Nihad Abdull-Ameer Salih, University of Babylon, Iraq.

ANTI-BIOFILM EFFICACY OF *O. sanctum* ESSENTIAL OIL COMPOUNDS AGAINST KPSMT GENE OF *A. baumannii* -AN *in-silico* APPROACH

- (1) Menaceur Fouad, University Larbi Tebessi-Tebessa, Algeria.
(2) Hassan Vatandoost, Tehran University of Medical Sciences, Iran.

MICROBICIDAL EFFECT OF *Embllica officinalis* ON BLACK PIGMENTED BACTERIA IN PATIENTS WITH PERI-IMPLANT MUCOSITIS

- (1) Felipe Pinheiro Savioli, Hospital Israelita Albert Einstein, Brazil.
(2) Diana Mostafa, Alexandria University, Egypt.

EFFICACY OF CRANBERRY DISTILLATE AS A ROOT CANAL IRRIGANT: AN *in vitro* MICROBIAL ANALYSIS

- (1) Miguel Angel Ruiz Barrueto, César Vallejo University, Peru.
(2) Gisely de Lima Oliveira, Universidade Federal Rural do Rio de Janeiro, Brazil.

DEFLUORIDATION EFFICACY OF TAMARIND SEEDS, GOOSEBERRY AND BANANA PEEL AS AN INDIGENOUS ALTERNATIVE FOR FLUORIDE REMOVAL -AN *in vitro* STUDY

- (1) Nehia Hussein, University of Technology, Iraq.
(2) Ghada Abd-Elwahab Ahmed Salem, National Research Center, Egypt.

CYTOTOXIC AND ANTIOXIDANT POTENTIAL OF *Hybanthus enneaspermus* MEDIATED SILVER NANOPARTICLE

- (1) Fawzi Kodeh, Al-Azhar University, Palestine.
(2) Amer Al-Nafiey, University of Babylon, Iraq.
(3) Farzaneh Fesahat, Shahid Sadoughi University of Medical Sciences, Iran.

CYTOTOXIC EFFECT OF GRAPE SEED MEDIATED ZINC OXIDE NANOPARTICLES USING BRINE SHRIMP LETHALITY ASSAY -*In vitro* STUDY

- (1) Mohamed M. El-Komi, National Institute of Oceanography and Fisheries (NIOF), Egypt.
(2) Nihad Abdull-Ameer Salih, University of Babylon, Iraq.

CYTOTOXIC EFFECT OF TITANIUM DIOXIDE NANOPARTICLES SYNTHESIZED USING GRAPE SEED EXTRACT: AN *in vitro* STUDY

- (1) Sarah Naji Aziz, Mustansiriyah University, Iraq.
(2) Mai Osman Kadry, National Research Center, Egypt.

2020 - Volume 21 [Issue 33-34]

EFFECTIVENESS OF HERBAL MOUTHWASH VS CHLORHEXIDINE MOUTHWASH ON THE BACTERIAL COUNT IN ORTHODONTIC PATIENTS

- (1) Mohd Zulkarnain Sinor, University Sains, Malaysia.
(2) Romeo Patini, Catholic University of Sacred Heart Largo A. Gemelli, Italy.
(3) Mohammed Grawish, Mansoura University, Egypt.
(4) Mimi Dobreá, University of Agricultural Sciences and Veterinary Medicine, Romania.

ANTIINFLAMMATORY ACTIVITY OF ZINC OXIDE NANOPARTICLES SYNTHESISED USING GRAPE SEED EXTRACT: AN *in vitro* STUDY

- (1)Dmytro V. Lytkin, National University of Pharmacy, Ukraine.
(2)Suvardhan Kanchi, Durban University of Technology, South Africa.

SYNTHESIS AND CHARACTERIZATION OF GRAPE SEED MEDIATED TITANIUM DIOXIDE NANOPARTICLES: AN *in vitro* STUDY

- (1)Sankarapadi Aravamudan, North Eastern Hill University, India.
(2)Sigit Tri Wicaksono, Institut Teknologi Sepuluh Nopember (ITS) Surabaya, Indonesia.

ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF JUNIPER BERRY OIL MEDIATED SILVER NANOPARTICLES

- (1)Ugwoke Michael Ibeabuchi, Ahmadu Bello University, Nigeria.
(2)José Henrique Leal Caroso, Ceará State University, Brazil.

GREEN SYNTHESIS OF GRAPE SEED OIL MEDIATED SILVER NANOPARTICLE AND PREPARATION OF GEL-FOR PERIODONTAL DISEASES

- (1)Yuan-Lynn Hsieh, The Ohio State University, USA.
(2)Felipe Rodolfo Pereira da Silva, Federal University of Amazonas, Brazil.

CYTOTOXIC EFFECT OF LYCOPENE INCORPORATED CHITOSAN NANOPARTICLES USING BRINE SHRIMP LETHALITY ASSAY

- (1)Mohamed M. El-Komi, National Institute of Oceanography and Fisheries (NIOF), Egypt.
(2)Nihad Abdull-Ameer Saleh, University of Babylon, Iraq.

ANTIFUNGAL PROPERTY OF *Acacia concinna* AGAINST *Candida albicans* IN COMPARISON WITH COMMERCIALY AVAILABLE ANTI-DANDRUFF SHAMPOO

- (1)Salim Albukhaty, Missan University, Iraq.
(2)Yao Hoekou, Université de Lomé, Togo.

ANTIFUNGAL AND ANTIBACTERIAL EFFECTS OF CORIANDER OLEORESIN MEDIATED SILVER NANOPARTICLES

- (1)Hassan Esmaeili, Shiraz University, Iran.
(2)Tünay Karan, Tokat Gaziosmanpaşa University, Turkey.

EFFICACY OF *Azadirachta indica* ESSENTIAL OIL BIO-COMPOUNDS AGAINST *Escherichia coli* AND *Staphylococcus aureus* IN SILICO ANALYSIS

- (1)Taiwo Elufioye, University of Ibadan, Nigeria.
(2)Rasha Mohamed Sajet AL-Oqaïli, Mustansiriyah University, Iraq.

ANTIBACTERIAL AND ANTIFUNGAL ACTIVITY OF ZINC OXIDE NANOPARTICLES SYNTHESIZED USING *Maranta arundinacea* AGAINST ORAL PATHOGENS

- (1) Larissa Morais Ribeiro da Silva, Federal University of Ceará, Brazil.
(2) André Gustavo Lima de Almeida Martins, Instituto Federal de Educação, Ciência e Tecnologia do Maranhão, Brazil.

IN SILICO ANALYSIS OF *Pseudomonas* CELLULOSE SYNTHASE A

- (1)Dinesh Pandey, Govind Ballabh Pant University of Agriculture & Technology, India.
(2)Amina Yaqoob, University of the Punjab, India.

THE EFFECT OF LIGNIN CONTENT ON LIGNOCELLULOLYTIC ENZYME PRODUCTION USING *Trichoderma reesei* WITH BMR Sorghum VARIETIES

- (1)José Alfredo Hernández Maldonado, Formación Integral e Institucional, UPIIG-IPN, Mexico.
(2)Kledson Lopes Barbosa, Federal University of Alagoas, Brazil.

EFFECT OF FOLIAR APPLICATION OF POTASSIUM AND CALCIUM ON VEGETATIVE GROWTH, YIELD AND FRUIT QUALITY OF "ROYAL" APRICOT TREES

- (1)Ajit Kumar Sahoo, Odisha University of Agriculture and Technology, India.
(2)Thejavath Laxman Jayashankar, Telangana State Agricultural University, India.

THE EFFECT OF *Azotobacter chroococcum* (A22 ISOLATE) ON IMPROVING THE GROWTH AND NUTRIENTS ABSORPTION OF MAIZE PLANTS TREATED WITH DIFFERENT LEVELS OF NITROGEN AND GROWN UNDER DIFFERENT SALT LEVELS

- (1)N.K.Amalija, Manonmaniam Sundaranar University, India.
(2)Fausto Galetto, Italy.

EVALUATION OF FUNGICIDES AND BIOPESTICIDES FOR THE CONTROL OF *Alternaria* BLACK ROT DISEASE IN CITRUS

- (1)Deepika Srivastava, Gurukul Kangri University, India.
(2)Iftekhar Ahmad, Shahjalal University of Science and Technology, Bangladesh.

2020 - Volume 21 [Issue 35-36]

ANTIBACTERIAL PROPERTIES OF LODHRA BARK (*Symphlocos racemosa*) MEDIATED SILVER NANOPARTICLES AGAINST ORAL PATHOGENS

- (1)Meri Susanti, M.Farm, Andalas University, Indonesia.
(2)Asmaa Bakeir Hamady Yousef, Suez Canal University, Egypt.

ANTIFUNGAL ACTIVITY OF GRAPE SEED EXTRACT MEDIATED TITANIUM OXIDE NANOPARTICLES AGAINST *Candida albicans*: AN *In vitro* STUDY

- (1)Bilal Ege, Adiyaman University, Turkey.
(2)O. Z. Ummahan, Manisa Celal Bayar University, Turkey.
(3)S. A. Mirjalili, Agricultural Research Education and Extension Organization, Iran.

A COMPARATIVE STUDY OF THE ANTIFUNGAL ACTIVITY OF A NATURAL PRODUCT BASED ON ESSENTIAL OILS WITH IMAZALIL AND THIABENDAZOLE ON *Penicillium digitatum* AND *Penicillium italicum*

- (1)Deusa Cristina de Medeiros Ferreira, Brazil.
(2)K. S. Chandrashekar, Manipal Academy of Higher Education, India.

ANTIOXIDANT ACTIVITY OF GRAPE SEED MEDIATED TiO₂ NANOPARTICLES: AN *In vitro* STUDY

- (1)Eman Hamed Ismail, Ain Shams University, Egypt.
(2)A. E. Ajiboye, Kwara State University, Malete via Ilorin, Nigeria.
(3)Thaise Ohana Moura Fernandes, Universidade Federal de Minas Gerais, Brazil.

THE USE OF THREE FUNGAL STRAINS IN PRODUCING OF INDOLE-3-ACETIC ACID AND GIBBERELLIC ACID

- (1)Javad Sahandi, Ocean University of China, China.
(2)Muhammad Adeel Manzoor, University of Veterinary and Animal Sciences, Pakistan.

***In vitro* ANTI-CARCINOGENIC ACTIVITY OF *Lactuca sativa* ON ORAL CANCER CELL LINES**

- (1)Nahed Samy Yousef, Al-Azhar University, Egypt.
(2)Essoh Ayimba, Université de Lomé, Togo.

***Acorus calamus* AND ITS BIOMEDICAL APPLICATIONS –REVIEW**

- (1)Sarah O. Nwozo, University of Ibadan, Nigeria.
(2)Raúl Alberto Morales Luckie, Autonomous Mexico State University, Mexico.
(3)Saleh A. Mohamed, National Research Centre, Egypt.

ANTIBACTERIAL ACTIVITY OF GRAPE SEED MEDIATED ZnO NANOPARTICLES AGAINST *Lactobacillus* SPECIES AND *Streptococcus mutans*

- (1)Asril Burhan, Sekolah Tinggi Ilmu Farmasi Makassar, Indonesia.
(2)Anastasia Wheni Indriarningsih, Indonesian Institute of Sciences, Indonesia.
(3)Miguel Angel Ruiz Barrueto, César Vallejo University, Peru.

EFFECTS OF PHOSPHO-COMPOST AND MUD FROM PHOSPHATE SLUDGES COMBINED OR NOT WITH AN ENDOMYCORRHIZAL INOCULUM ON THE IMPROVEMENT OF THE AGRONOMIC PARAMETERS OF MAIZE (*Zea mays* L.) PLANTS

- (1)Marcus Vinícius Loss Sperandio, Federal Rural University of Pernambuco, Brazil.
(2)Rabab Anter Metwally, Zagazig University, Egypt.

ANTIFUNGAL ACTIVITY OF *Ocimum sanctum* AND *Justicia adhatoda* FORMULATION MEDIATED SILVER NANOPARTICLES AGAINST *Candida albicans*

- (1)Qudsia Begum, University Of Karachi, Pakistan.
(2)Setia Budi University, Indonesia.

ANTIOXIDANT AND ANTIBACTERIAL EFFECT OF LYCOPENE MEDIATED SILVER NANOPARTICLE AGAINST *Staphylococcus aureus* AND *Streptococcus mutans* – AN *In vitro* STUDY

- (1)María Margarita Canales Martínez, UNAM, México.
(2)Emad Yousif, Al-Nahrain University, Iraq.
(3)Adriana Asenova Georgieva, University "Prof. Dr. Assen Zlatarov", Bulgaria.

STUDIES ON *In vitro* REGENERATION, PHYTOCHEMICAL ANALYSIS AND ANTIOXIDANT ACTIVITIES IN *Chonemorpha fragrans* (MOON) ALSTON

- (1)Sahar mohamed sayed Youssef, Al-Azhar University, Egypt.
(2)Muhammad Aslam Tahir, Allama Iqbal Open University, Pakistan.

ANTIOXIDANT AND ANTI-INFLAMMATION ACTIVITIES OF BIOACTIVE COMPOUNDS EXTRACTED AND ISOLATED FROM ETHANOL EXTRACT OF Sesamum indicum L.

- (1) Mamaru Bitew, Debre Markos University, Ethiopia.
- (2) Junior Abrahan Marcia Fuentes, Universidad Nacional de Agricultura, Honduras.
- (3) Shilpa Penugonda, USA.

MANAGEMENT OF WHEAT AND BARLEY ROOT ROT THROUGH SEED TREATMENT WITH BIOPESTICIDES AND FUNGICIDES

- (1) Vo Thi Ngoc Ha, Nong Lam University, Vietnam.
- (2) K.S. Hooda, ICAR-NBPGR, India.

ANTI INFLAMMATORY ACTIVITY OF SELENIUM NANOPARTICLES SYNTHESISED USING CLOVE AND CINNAMON: AN In vitro STUDY

- (1) Marco Aurelio Jiménez Gómez, National Technological Institute of Mexico, Mexico.
- (2) Carausu Elena Mihaela, Grigore T. Popa University of Medicine and Pharmacy, Romania.

2020 - Volume 21 [Issue 37-38]

ENAMEL RE-MINERALIZING CAPACITY OF GRAPE SEED EXTRACT (GSE)-A SYSTEMATIC REVIEW

- (1) Omar Sadik Shalal, Middle Technical University, Iraq.
- (2) Guido Alberto, Perona Miguel de Priego, Universidad Peruana Cayetano Heredia, Perú.
- (3) Olutayo Adeleye, Olabisi Onabanjo University, Nigeria.

ASSESSMENT OF MICROBIAL LOAD IN BRANDED DRIED TEA MARKETED IN SMALL POUCHES

- (1) Osei-Adjei George, Accra Technical University, Ghana.
- (2) Abeer Mohamed Ahmed Mahmoud, National Institute of Oceanography and Fisheries, Egypt.

GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES USING GRAPE SEED EXTRACT AND ITS CHARACTERIZATION

- (1) Wagno Alcantara De Santana, Federal University of Bahia, Brazil.
- (2) Cristiane Mengue Feniman Moritz, State University of Maringá, Brazil.

GREEN SYNTHESIS OF GOLD NANOPARTICLES USING DIFFERENT MEDICINAL PLANTS AND ITS UV-VIS SPECTROSCOPIC ANALYSIS AND ANTIBACTERIAL ACTIVITY

- (1) Natália Ferrão Castelo Branco Melo, Federal University of Pernambuco, Brazil.
- (2) Marco César Prado Soares, University of Campinas, Brazil.

INTEGRATED GENETIC COMPONENTS AND MACHINE LEARNING APPROACHES FOR BETTER SELECTION OF TRAITS IN BREEDING OF MELON UNDER HIGH TUNNEL CULTIVATION CONDITION

- (1) R. Sridevi, Vellore Institute of Technology, India.
- (2) Bhav Kumar Sinha, Skuast, India.
- (3) B. Parameswari, ICAR-Sugarcane Breeding Institute, India.

PRODUCTION OF LIGNOCELLULOLYTIC ENZYMES BY Aspergillus niger FROM BROWN MID RIB Sorghum VARIETIES

- (1) Nurullah Akcan, Siirt Universitesi, Turkey.
- (2) Lucia Maria Jaeger De Carvalho, Federal University Of Rio De Janeiro, Brazil.

DEVELOPMENT OF OPTIMAL CONDITIONS FOR THE GERMINATION OF ARGAN SEEDS (Argania spinosa (L.) SKEELS)

- (1) Sanjay Swami, Central Agricultural University, India.
- (2) Ahmad Zaheer, The University of Lahore, Pakistan.

IDENTIFICATION OF FLORAL SCENT AND ESSENTIAL OIL OF Rosa iberica Stev. PETALS BY GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC/MS)

- (1) A. Ranganadhareddy, Vignan's Foundation for Science, Technology & Research, India.
- (2) Edy Fachrial, Universitas Prima Indonesia, Indonesia.

RECYCLING OF CHICKEN FEATHER PROTEIN INTO COMPOST BY Chryso sporium indicum JK14 AND THEIR EFFECT ON THE GROWTH PROMOTION OF Zea mays

- (1) Constantin Cerbu, University of Agricultural Sciences and Veterinary Medicine, Romania.
- (2) Elsa Iracena Castañeda Roldán, Benemerita Universidad Autónoma de Puebla, México.
- (3) Sanjay Ghodasara, Junagadh Agricultural University, India.

SALT TOLERANT CELLS SELECTION OF POTATO CALLUS FROM CULTURING AT DIFFERENT CONCENTRATIONS OF SODIUM CHLORIDE BY in vitro CULTURE TECHNIQUE

- (1) Leticia Kenia Bessa de Oliveira, Federal University of Ceara, Brazil.
- (2) Brahim, Baku State University, Azerbaijan.

AMELIORATION OF GENTAMICIN-INDUCED NEPHROTOXICITY USING ESSENTIAL OIL EXTRACT FROM Otostegia fruticosa LEAVES IN ALBINO RATS

- (1) Taghred Saber Mohamed, Zagazig University, Egypt.
- (2) Al-Shimaa Mahmoud Mohammed Abas, Zagazig University, Egypt.
- (3) Mihai Nechifor, Gr. T. Popa University of Medicine and Pharmacy, Romania.

MORPHOLOGICAL AND PHYSIOLOGICAL SCREENING OF ETHYL METHANESULFONATE-TREATED SUGARCANE CALLI AND PLANTLETS FOR in vitro MANNITOL-INDUCED OSMOTIC STRESS TOLERANCE

- (1) Romário de Mesquita Pinheiro, Federal University of Pelotas, Brazil.
- (2) Alok Ranjan, Banaras Hindu University, India.

In silico AND in vitro ANALYSIS OF ANTI-UROLITHIATIC ACTIVITY OF GARCINONE E ISOLATED FROM Garcinia mangostana PERICARP EXTRACT

- (1) Milad Kazemnejadi, University of Birjand, Iran
- (2) Zulkar Nain, Islamic University, Bangladesh.

A REVIEW ON RECENT METHODS TO CONTROL EARLY BLIGHT OF TOMATO (Solanum lycopersicum L.)

- (1) Muhammad Shehzad Khan, The University of Agriculture, Pakistan.
- (2) K. Prasannath, Eastern University, Sri Lanka.

PROTECTIVE EFFECTS OF MAGNETIC WATER TECHNOLOGY IN ALLEVIATING SALINITY STRESS ON GROWTH, YIELD AND BIOCHEMICAL CHANGES OF BARLEY (Hordeum vulgare, L.)

- (1) Ghulam Murtaza, University of Azad Jammu & Kashmir, Pakistan.
- (2) Antonio Carlos Saraiva da Costa, State University of Maringa, Brazil.
- (3) J. Revathy, India.

2020 - Volume 21 [Issue 39-40]

OPTIMIZED REGENERATION OF Kolanchoe (Kalanchoe blossfeldiana R.) AND Agrobacterium tumefaciens-MEDIATED Gus GENE TRANSFORMATION

- (1) Anshika, Pondicherry University, India.
- (2) Mohammedsani Zakir, Ethiopian Institute of Agricultural Research, Ethiopia.

THE EFFECT OF PHOSPHATE AND ORGANIC ADDITIVES ON THE STABILITY OF FOOD WASTE IN THE FULL-SCALE COMPOSTING

- (1) Buzuayehu Abebe, Adama Science and Technology University, Ethiopia.
- (2) Mariele Fioreze, Federal University of Vicosa, Brazil.

AGRICULTURAL TRADITIONAL PRACTICES AND RISKS OF USING INSECTICIDES DURING SEED STORAGE IN MOROCCO

- (1) Bracacescu Carmen, Romania.
- (2) R. A. Balikai, University of Agricultural Sciences, India.

REVIEW OF MANGROVE FOREST ECOSYSTEM ON THE HEALTH OF MALUKU ISLANDS

- (1) A. S. M. Helal Siddiqui, Bangladesh Forest research Institute, Bangladesh.
- (2) Bilal Ahmad Lone, SKUAST Kashmir, India.

THE POTENTIAL OF Asystasia gangetica (CHINESE VIOLET) EXTRACTS AS AN ANTI-AGING AGENT AND AS A WHITENING AGENT

- (1) Vishal Vilas Shah, India.
- (2) Bringen Bukar, Kashmir Ibrahim College of Education, Nigeria.

EFFECT OF FE AND GA3 ON GROWTH AND OIL CHARACTERISTICS OF ROSEMARY PLANT (Rosmarinus officinalis L.)

- (1) J. Shankaraswamy, Junagadh Agricultural University, India.
- (2) Sanchita Ghosh, Dr. Rajendra Prasad Central Agricultural University, India.

EVALUATION OF PHYSIOLOGICAL AND BIOCHEMICAL TRAITS AS SCREENING TECHNIQUE FOR HEAT STRESS TOLERANCE IN INDIAN MUSTARD [*Brassica juncea* (L.) CZERN & COSS.] GENOTYPES

- (1) Dilek Çavuşoğlu, Isparta University of Applied Sciences, Turkey.
- (2) Iman Mohamed El-Sayed, National Research Centre (NRC), Egypt.

ARBUSCULAR MYCORRHIZAE EXPLORATION AND IDENTIFICATION ON SUGARCANE PLANTATIONS IN HUMID TROPIC AREA OF INDONESIA

- (1) Ashutosh Mishra, Agriculture University, India.
- (2) Jouvan Chandra, Pratama Putra Universitas, Indonesia.

In vitro SHOOT MULTIPLICATION AFFECTED BY LIGHT AND CULTURE SYSTEM IN POTATO

- (1) Hira Singh, India.
- (2) Hundessa Fufa, Jinka University, Ethiopia.
- (3) José Vidal Cob Uica, Instituto Nacional De Investigaciones Forestales, México.

ANTICORROSION EFFECT OF NATURAL MATERIAL ON MILD STEEL

- (1) Chaogang Zhou, North China University of Science and Technology, China.
- (2) Somayeh Emami, University of Tabriz, Iran.

ANTI-PROLIFERATIVE AND APOPTOTIC EFFECT OF METHANOLIC EXTRACT OF EDIBLE MUSHROOM *Agaricus bisporus* AGAINST HELA, MCF-7 AND MDA-MB-231 CELL LINES OF HUMAN CANCER AND CHEMOPROFILE BY GC-MS

- (1) Renan Gonçalves da Silva, Sao Paulo State University (UNESP), Brazil.
- (2) Waill Ahmed Elkhateeb, National Research Centre, Egypt.

EFFECT OF SPRAYING ALGATON FERTILIZER ON THE GROWTH AND YIELD AND YIELD COMPONENTS OF SUNFLOWER CULTIVAR *Helianthus annuus* L. UNDER DIFFERENT TILLAGE SYSTEMS

- (1) Clemente Villanueva Verduzco, Universidad Autónoma Chapingo, México.
- (2) Benti Ofga Jaleta, Ethiopian Biodiversity Institute, Ethiopia.

EFFECT OF CUTTING TYPE, IBA AND WOUNDING ON THE ROOTING OF ASSYRIAN PLUM *Cordia myxa* L.

- (1) Vijay S. Borkar, Rajarshi Shahu College of Pharmacy, India.
- (2) P. Valarmathi, ICAR-Central Institute for Cotton Research (CICR), India.

A THEORETICAL FRAMEWORK OF MANAGEMENT OF HIGH-DENSITY APPLE TREES IN HIMALAYAN REGIONS FOR HIGH QUALITY AND HIGH PRODUCTION: EVIDENCES FROM KASHMIR VALLEY

- (1) Dil Raj Yadav, Nepal Agricultural Research Council, Nepal.
- (2) William Carlos Gonzaga Franco, Federal University of Viçosa, Brazil.
- (3) Gheorghe Voicu, Politehnic University of Bucharest, Romania.

POTENTIAL EFFECT OF ZINC OXIDE NANOPARTICLE AS A NATURAL ANTIBIOTIC DRUG AGAINST BACTERIAL SPECIES

- (1) Zainab Khalid Ali, Ghazy AL-Hariri Hospital for Surgical Specialities, Iraq.
- (2) Yavuz Öztürk, Ege University, Turkey.

2020 - Volume 21 [Issue 41-42]

SURVEY, PATHOGENICITY AND MOLECULAR IDENTIFICATION OF NOVEL *Fusarium* SPECIES CAUSING SEED DECAY AND DAMPING-OFF DISEASE OF WHEAT CROP IN KERBALA PROVINCE, IRAQ

- (1) Othmani Afef, University of Carthage, Tunisia.
- (2) Reena, SKUAST, India.
- (3) J. Amudha, ICAR-Central Institute for Cotton Research, India.

HOST-VIRUS INTERACTION: MOVEMENT OF PLANT VIRUSES THROUGH PLASMODESMATA AND EFFECT ON CHLOROPLAST STRUCTURE: A REVIEW

- (1) Ram Niwas, Bihar Agricultural University, India.
- (2) Anil Kumar, S.D.P.G College, India.

RESPONSE OF THE OLIVE SEEDLINGS OF MANZINILLO VARIETY TO FOLIAR SPRAY WITH SOME GROWTH STIMULI

- (1) M. N. Arun, ICAR-Indian Institute of Rice Research, India.
- (2) Md. Rasal-Monir, Sher-e-Bangla Agricultural University, Bangladesh.
- (3) A. M. Ajayi, The Federal University of Technology, Nigeria.

EFFECT OF ARBUSCULAR MYCORRHIZAL INOCULATION ON GROWTH OF CHILI PLANT (*Capsicum frutescens* L.) IN NITROGEN AMENDED SOIL

- (1) Larissa Alves Lopes, Federal University of Ceará, Brazil.
- (2) Juan Diego García Paredes, Autonomous University of Nayarit, México.
- (3) Geomar Vallejos Torres, Universidad Nacional De San Martín, Perú.

CLUSTERING AND PRINCIPAL COMPONENT ANALYSIS OF TRADITIONAL RICE LANDRACES GROWN UNDER In vitro MOISTURE STRESS CONDITION

- (1) Deucleiton Jardim Amorim, Universidade Estadual Paulista "Júlio de Mesquita Filho", Brazil.
- (2) Ahmed Abdul Jabbar Suleiman, University of Anbar, Iraq.

Pestalotia: CROWN ROT DISEASE OF STRAWBERRY 1ST REPORT IN IRAQ

- (1) Syed Danish Yaseen Naqvi, Asmara University, Eritrea.
- (2) B. S. Gohil, Junagadh Agricultural University, India.

CARBOHYDRATE COMPOSITION OF OATS FRUIT (*Avenasativa* L.)

- (1) Dr. Prasad Y. Lamrood, Ahmednagar College, India.
- (2) Saptadip Samanta, Midnapore College, India.

THE EFFECT OF THE USE OF ORGANIC FERTILIZERS, SOWING LEGUMES ON THE WINTER WHEAT YIELD AND QUALITY

- (1) Mohammed Mahmood Mohammed, University of Baghdad, Iraq.
- (2) Marina Stojanova, University of Ss. Cyril and Methodius, Republic of North Macedonia.

STUDY OF THE METHODS ALLOCATION OF BIOACTIVE SUBSTANCES FROM TWO SPECIES OF DESERT PLANTS

- (1) Chouikh Atef, El Oued University, Algeria.
- (2) Hemaia Motawe, National Research Centre, Egypt.

DEGREE OF HUMIFICATION OF COTTON, ALFALFA AND EPHEMERAS ORGANS, THEIR EFFECT ON THE CONTENT AND COMPOSITION OF SOIL ORGANIC MATTER

- (1) Mohamed El Mderssa, Moulay Ismail University, Morocco.
- (2) Viktoria Hetmanenko, Institute for Soil Science and Agrochemistry Research, Russia.
- (3) Mohammeth Saleem Mohammeth Imthiyas, Sri Lanka School of Agriculture, Sri Lanka.

IDENTIFICATION OF DURIAN TREE HEALTH (*Duriozibethinus*) IN THE PROSPECTIVE NUSANTARA GARDEN WAN ABDUL RACHMAN LAMPUNG INDONESIA

- (1) Tekat Dwi Cahyono, Universitas Darussalam Ambon, Indonesia.
- (2) Sri Hartini, Universitas Kristen Satya Wacan, Indonesia.
- (3) Kamal Kant, Navsari Agricultural University, India.

THE EFFECT OF EXPLANT SOURCE AND CYTOKININ CONCENTRATION ON THE DIRECT BULB FORMATION OF TULIP (*Tulipa gesneriata* L.) BY PLANT TISSUE CULTURE TECHNIQUE

- (1) Mohammad Hosein Daneshvar, Khuzestan Agricultural Sciences and Natural Resources University, Iran.
- (2) Silvio Lopes Teixeira, Federal University of Vicosa, Brazil.

HYPOGLYCEMIC AND HYPOLIPIDEMIC EFFECTS OF *Potulaca oleracea* AQUEOUS EXTRACT IS MEDIATED BY DOWN REGULATION OF CORTISOL

- (1) Suhad Abdul Azeez Ibrahim, Al-Nahrain University, Iraq.
- (2) Dhanaanjay Babanrao Deshmukh, Dr. Babasaheb Ambedkar Technological University, India.
- (3) Venkatesan Natarajan, Aditya Bangalore Institute of Pharmacy Education and Research, India.

In vitro PROPAGATION OF *Cryptocarya stocksii* Meisn. - A VULNERABLE TREE FROM INDIA

- (1) M. Tanziman Ara, RIKEN Center for Sustainable Resource Science, Japan.
- (2) Clapa Doina, University of Agricultural Sciences and Veterinary Medicine, Romania.

THE EFFECT OF BLACK TEA RESIDUES ON THE GROWTH OF *Vicia faba* AND SOME OF ITS PHENOTYPIC PROPERTIES AND CHEMICAL CONTENT OF CHLOROPHYLL

- (1) Burcu Tuncer, Van Yüzüncü Yil University, Turkey.
- (2) Iancu Paula, University Of Craiova, Romania.

ANTIBACTERIAL ACTIVITY AND TOTAL PHENOL CONTENTS OF *Sargassum polycystum* EXTRACT AGAINST *Escherichia coli* AND *Staphylococcus aureus*

- (1)Dr. Mervat Shamooun Sadak, National Research Centre, Egypt.
- (2)Hemraj Sharma, Shree Medical and Technical College, Nepal.

INDICATORS OF ABIOTIC AND BIOTIC STRESSES OF LOCAL AND FOREIGN COTTON (*G. Hirsutum* L.)

- (1)Firoozeh Chamandoostii, Iranian Research Institute of Plant Protection, Iran.
- (2)A.H. Prakash, India.
- (3)Raghad S. Mouhamad, Ministry Science and Technology, Iraq.

UNCONVENTIONAL TECHNIQUE FOR IMPROVING FARMER YIELDS BY EXPOSING AND MITIGATING FOLIAGE DISEASES IN AN EXTENSIVELY ADAPTABLE DEEP LEARNING AND COMPUTATIONAL MODEL THROUGH MICROBIOLOGICAL VEGETATION ASSESSMENT

- (1)Mariana Rockenbach de Ávila, EMBRAPA Clima Temperado, Brazil.
- (2)Oliver Okumu, University of Nairobi, Kenya.

ANATOMICAL AND PHYTOCHEMICAL STANDARDIZATION OF *Terminalia chebula* AND *Syzygium jambolanum*: A HIGHLY USED MEDICINAL PLANT IN INDIA

- (1)Taqqees Malik, Jinnah University for Women, Pakistan.
- (2)Daniels, Adetoyosi Olutosin, Achievers University, Nigeria.
- (3)Mark Ohioghie Ahiokhai, Michael and Cecilia Ibru University, Nigeria.

ANTICANCER POTENTIAL OF *Fomitopsis pinicola* KRST, *Hericium erinaceus* EXTRACTS AND *Inonotus obliquus* AGAINST CANCER

- (1)Ruo Wang, Fuzhou University, China.
- (2)G. Carlin Geor Malar, India.
- (3)B. K. Roy, India.

EVALUATION OF EFFICACY FOR THE COLD AQUEOUS EXTRACT OF *Ricinus communis* LEAVES ON THE VIABILITY OF THE PRIMARY PRIMATES OF THE *Echinococcus granulosus* PARASITE *In vitro*

- (1)Idris Umar, Bayero University, Nigeria.
- (2)Tahani Ismail Farag, Zagazig University, Egypt.
- (3)Adeyomoye Olorunsola Israel, University of Medical Sciences, Nigeria.

***Cajanus cajan* (L.) MILLSP. USED AS MEDICINAL PLANT BY THE LIANGMAI NAGA IN TAMENGLONG DISTRICT OF MANIPUR: A CASE STUDY**

- (1)Saeid Zehtab Salmasi, University of Tabriz, Iran.
- (2)Ajay Kumar Srivastava, India.
- (3)Khairuddin Djawad, Hasanuddin University, Indonesia.

EFFECT OF SEVERAL PACKAGING MATERIALS ON STORAGE STABILITY OF DRIED PERSIMMON (*Diospyros kaki* L.) FRUIT SLICES

- (1)Andrian Fernandes, Dipterocarps Research Center, Indonesia.
- (2)Feyisola Ajayi, Federal University Gashua, Nigeria.

EFFECT OF VARIOUS GROWING MEDIA COMBINATIONS ON ROOT ARCHITECTURE OF ROUGH LEMON (*Citrus jambhiri* LUSH) AND PONCIRUS (*Citrus trifoliata*) ROOTSTOCKS FOR HEALTHY CITRUS NURSERY PRODUCTION

- (1)Slamet Santosa, Hasanuddin University, Indonesia.
- (2)D. Salami Kaseem, Federal University Dutse, Nigeria.

CLINOSTAT MICROGRAVITY IMPACT ON ROOT MORPHOLOGY OF SELECTED NUTRITIONAL AND ECONOMIC CROPS

- (1)Hanan Omar Badr Eldin, National Research Center, Egypt.
- (2)Lindomar Maria de Souza, Universidade Federal Rural de Pernambuco, Brazil.

AREVIEW ON BIODIVERSITY OF SOME MEDICINAL AND WILD PLANTS AND THEIR POSSIBLE ROLE IN VECTOR-BORN DISEASES AND VECTOR CONTROL

- (1)Misganaw Meragiaw, Addis Ababa University, Ethiopia.
- (2)Tahany Ramzy Elias, National Research Centre, Egypt.

GROWTH, FLOWERING AND ANATOMICAL CHARACTERS OF *GLADIOLUS* (*Gladiolus x hybridus*) AS INFLUENCED BY VERNALIZATION AND YEAST TREATMENTS

- (1)Iman Mohamed El-Sayed, National research centre (NRC), Egypt.
- (2)Zahor Ahmed Rather, SKUAST, India.

OPTIMIZATION OF EMS AND DES TREATMENTS FOR INDUCTION OF MUTATIONS IN QUANTITATIVE TRAITS OF MAIZE

- (1)Jiban Shrestha, National Plant Breeding and Genetics Research Centre, Nepal.
- (2)Septian Hary Kalqutny, Indonesian Cereals Research Institute, Indonesia.

PLANT TISSUE CULTURE METHODS IN SECONDARY METABOLITE PRODUCTION – A MINI REVIEW

- (1)M. S. Saraswathi, ICAR-National Research Centre for Banana, India.
- (2)Miguel Jordan, Universidad Catolica de Chile and Universidad Mayor, Chile.

ANALYSIS OF THE EFFECTIVENESS OF SPECIAL PROCESSING OF MUNG BEANS IN ORDER TO OBTAIN FLOUR OF INCREASED NUTRITIONAL AND BIOLOGICAL VALUE FOR BAKERY PRODUCTION

- (1)Abesh Reghuvaran, Cochin University of Science and Technology (CUSAT), India.
- (2)S. Sasipriya, UAHS, India.

THE IMPACT OF ULTRASONIC ACTIVATED WATER ON HYDROTHERMAL PROCESSING OF WHEAT GRAINS GROWN IN DRY CLIMATE CONDITIONS

- (1)Sandeep Bhardwaj, CCS Haryana Agriculture University, India.
- (2)Pratishtha Sharma, Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya, India.

LOW OXYGEN AND HIGH CARBON DIOXIDE ENVIRONMENT IN CONTROLLED ATMOSPHERE COLD STORAGE: RECOMMENDATIONS FOR SAFE WORKING CONDITIONS

- (1)Natália do Couto Abreu, Brazil.
- (2)Wellyton Darci Quequeto, Federal Institute of Education, Brazil.

ARBUSCULAR MYCORRHIZAL FUNGI ASSOCIATED WITH DATE PALM IN OUARGLA REGION (SOUTHEASTERN ALGERIA)

- (1)Manju Sharma, University of Agriculture & Technology, India.
- (2)M. Ramesh, KIT-Kalaignarkaranidhi Institute of Technology, Coimbatore, India.
- (3)Ghulam Hassan Dar, Mandsaur University, India.

PLANT-FAT MIXTURES AS A POTENTIAL RAW MATERIAL FOR BAKERY PRODUCTION

- (1)Amir Shehzad, France.
- (2)Tusneem Kausar, University of Sargodha, Pakistan.

PHYTOCHEMICAL AND ANTIBACTERIAL POTENTIAL OF SEED EXTRACT OF *M. fragrans* WITH REFERENCE TO ITS OIL ACTIVITY

- (1)Solomon Abera, Addis Ababa Science & Technology University, Ethiopia.
- (2)Stéphanie Depickère, Universidad Mayor de San Andrés, Bolivia.
- (3)Rini Devijanti Ridwan, Airlangga University, Indonesia.

THE SALINITY TREATMENT BY NEUTRA-SOL AND EFFECT OF ORGANIC FERTILIZER AND IRRIGATION WATER QUALITY ON PROTEIN PATTERN OF DATE PALM (*Phoenix dactylifera* L.) OFFSHOOTS CV. CHIPCHAP

- (1)Kero Jemal, Kotebe Metropolitan University, Ethiopia.
- (2)G. Poyyamoli, Pondicherry University, India.

INFLUENCE OF THE SUPRAMOLECULAR COMPLEX OF GLYCYRRHIZIC ACID WITH QUERCETIN ON AGE-RELATED FUNCTIONAL CHANGES IN RAT BRAIN MITOCHONDRIA

- (1)A. V. Siva Kumar, NTR University of Health sciences, India.
- (2)K. Sowjanya, Nirmala College of Pharmacy, India.
- (3)Abhilasha Saxena, India.

ASSESSMENT OF GENETIC DIVERSITY IN FOXTAIL MILLET USING CLUSTERING AND PRINCIPAL COMPONENT ANALYSIS

- (1)Majid Shaii Hamdalla, University of Baghdad, Iraq.
- (2)Moulai Djilali, University of Mascara, Algeria

TRANSPLANTING TIME AFFECTS SURVIVAL AND GROWTH OF *Prunus arborea* SEEDLINGS IN NURSERY

- (1) Balraj Singh, ICAR-IARI, India.
(2) Afolabi James Oluwaseun, Forestry Research Institute, Nigeria.

HEAVY METAL TOXICITY AND ITS PHYSIO-BIOCHEMICAL EFFECTS ON MAIZE (*Zea mays* L.)

- (1) Sanjoy Shil, BCKV, India.
(2) Badrus Zaman, Diponegoro University, Indonesia.

EXPRESSION ANALYSIS OF GENES ASSOCIATED WITH SECONDARY CELL WALL BIOSYNTHESIS IN COTTON (*Gossypium hirsutum* L.)

- (1) Khezir Hayat, Central Cotton Research Institute, Pakistan.
(2) Maria Rosecler Miranda Rossetto, Universidade Estadual Paulista "Júlio de Mesquita Filho", Brazil.

IDENTIFICATION OF PHENOLIC COMPOUNDS FROM THE LEAVES EXTRACT OF *Clinacanthus nutans* LINDAU

- (1) Syed Mubashar Sabir, University of Poonch, Pakistan.
(2) Dárcio Luiz De Sousa Júnior, Regional University of Cariri, Brazil.

ELECTRONIC TONGUE AND BOX-PCR FOR CATEGORIZATION OF DIFFERENT *Fusarium* STRAINS

- (1) Ramchandra S. Suthar, HNGU, India.
(2) Yaprak Kantoğlu, Turkey.

DIGITAL AGRICULTURE: CONTEMPORARY WAYS FOR PRECISION FARMING PRACTICES IN INDIA

- (1) Behrouz Kharabian, Kent State University, United States.
(2) Ali Berk, Ministry of Agriculture, Turkey.
(3) Francisco José del Campo Gomis, Miguel Hernández University, Spain.
(4) Witness Maluleke, University of Limpopo (UL), South Africa.
(5) Ata Jahangir Moshayedi, Jiangxi University Of Science And Technology, China.

EVALUATION OF GENETIC DIVERSITY AMONGST MULBERRY VARIETIES *Morus alba* BY RAPD MARKER

- (1) Yesenia Campo Vera, Instituto Superior De Educación Rural (ISER), Colombia.
(2) Sandra Beserra da Silva de Souza, State University of Maringá, Brazil.

2020 - Volume 21 [Issue 47-48]

CRISPR/CAS9 TECHNOLOGY FOR CROP IMPROVEMENT: A NEW WEAPON FOR INDIAN AGRICULTURAL THREATS

- (1) M. Neema, ICAR CPCRI, India.
(2) Juan Jose Aparicio Porres, Universidad Mayor de San Andrés La Paz, Bolivia.

REVIEW ON PHARMACOLOGICAL PROFILE OF *Portulaca oleracea* LINN.

- (1) Venkatesan Natarajan, Aditya Bangalore Institute of Pharmacy Education and Research, India.
(2) Raquel de Andrade Cardoso Santiago, Federal University of Goiás, Brazil.
(3) Drielly Rodrigues Viudes, Instituto de Gestão e Pesquisa (IPGS), Brazil.

EFFECT OF SALT STRESS ON SOME PHYSIOLOGICAL PARAMETERS OF YOUNG PLANTS OF *Atriplex halimus* AND *Atriplex canescens*

- (1) Sritama Kundu, University of Agricultural Sciences, India.
(2) K. R. Kumawat, Swami Keshwanand Rajasthan Agricultural University, India.

LEAF SPOT DISEASE OF MUSTARD PLANT AND ITS VARIATION ON PREVAILING ATMOSPHERIC POLLUTION LEVELS

- (1) Spulber Antoaneta Roxana, Institute for Apicultural Research and Development, Romania.
(2) Salama Aissam, Cadi Ayyad University, Morocco.

ANTI-INFLAMMATORY ACTIVITY OF TULASI AND TURMERIC MEDIATED COPPER NANOPARTICLES

- (1) Khawla salah Khashan, University of Technology, Iraq.
(2) Valentina Stefanou, University of West Attica, Greece.

MICROSATELLITE MARKER BASED GENETIC DIVERSITY ANALYSIS AMONG THE GERMPLOSM OF AN ORPHAN LEGUME YARDLONG BEAN (*Vigna unguiculata* L. WALP.) IN BANGLADESH

- (1) Ali Hussein Abu Almaaty Ibrahim, Port Said University, Egypt.
(2) Ritu Mahajan, University of Jammu, India.
(3) Barahima Abbas, University of Papua (UNIPA), Indonesia.

CHEWING EFFICACY OF FENNEL SEEDS ON SALIVARY pH IN CHILDREN – AN *In vivo* STUDY

- (1) Rakesh Rajeevan Nair, Rajiv Gandhi University, India.
(2) Amadi, Fyनेface Chikadibia, Rivers State University, Nigeria.

EFFECT OF PLANT GROWTH REGULATORS ON *In vitro* REGENERATION OF FOUR BANGLADESHI TOMATO (*Solanum lycopersicum* L.) VARIETIES

- (1) Viviane Maria Barazetti, Universidade Federal de Lavras, Brazil.
(2) Dalpat Lal, Jagan Nath University, India.

ANTIBACTERIAL AND ANTIOXIDANT ACTIVITY OF TAMARIND MEDIATED COPPER OXIDE NANOPARTICLES

- (1) Kareem Ali Jasim, University of Baghdad, Iraq.
(2) Lucia Helena Gomes Coelho, Federal University of ABC, Brazil.

ANTIBACTERIAL, ANTIFUNGAL ACTIVITY AND CHEMICAL COMPOSITION STUDY OF ESSENTIAL OIL OF *Salvia officinalis* FROM THE SOUTH ALGERIAN

- (1) Uzuozokaro Mark-Maria Agatemor, Novena University, Nigeria.
(2) R. Kavitha, SRM Institute of Science and Technology, India.

MORPHO-PHYSIOLOGICAL CHARACTERIZATION OF *Lagenaria siceraria* L. CULTIVARS UNDER NaCl STRESS

- (1) Dhriti Kapoor, Lovely Professional University, India.
(2) Amel Ghanim Muhmood AL-Kazzaz, University of Baghdad, Iraq.

ARROW ROOT MEDIATED SELENIUM NANOPARTICLE AND ITS CHARACTERIZATION

- (1) Oman Zuas, National Standardization Agency of Indonesia (BSN), Indonesia.
(2) Henry Barasa, University of Science and Technology, Kenya.
(3) Roohollah Rostami, Semnan University of Medical Sciences, Iran.

COMPARING THE ANTIGINGIVITIS, ANTIPLAQUE EFFECTIVENESS OF CRANBERRY AND CHLORHEXIDINE MOUTH RINSE – A SINGLE BLIND RANDOMIZED CONTROL TRIAL

- (1) Ashwaq M. S. Aljbouri, University of Babylon, Iraq.
(2) Ana Sofia Coelho, University of Coimbra, Portugal.
(3) Maria Paula Jacobucci Botelho, State University of Londrina, Brazil.

OPTIMIZING THE ACCLIMATIZATION PROCESS OF OIL PALM (*Elaeis guineensis* Jacq.) *in vitro* PLANTLETS DERIVED FROM THE MATURE ZYGOTIC EMBRYOS

- (1) Hui-lian Xu, International Nature Farming Research Centre, Japan.
(2) Jesús Ignacio Reyes Díaz, Universidad Tecnológica del Valle de Toluca, México.
(3) Durmuş Çetinkaya, Aladağ Vocational School of Çukurova University, Turkey.

EVALUATION OF ANTIMICROBIAL PROPERTY OF HERBAL MOUTHWASH USING CRANBERRY EXTRACT: A PILOT STUDY

- (1) Millatul Ulya, University of Trunojoyo Madura, Indonesia.
(2) Zulham, Indonesia.
(3) Gusti Agung Ayu Dharmawati, Polytechnic Ministry of Health Denpasar, Indonesia.

2020 - Volume 21 [Issue 49-50]

DIRECT SHOOT REGENERATION BY *In vitro* CULTURE OF THE GERBERA (*Gerbera jamesonii* Bolus) CAPITULUM EXPLANTS

- (1) Bhausahab Pawar, Humboldt University of Berlin, Germany.
(2) M. Prashanti, Osmania University, India.

***In vitro* XANTHINE OXIDASE INHIBITORY POTENTIAL OF ONION OIL**

- (1) Rania Salah Shehata, Zagazig University, Egypt.
(2) Antofie Maria Mihaela, University Lucian Blaga, Romania.
(3) Melina Lopez-Meyer, Instituto Politécnico Nacional, Mexico.
(4) Saliou Bello, National Agricultural Research Institute of Benin (INRAB), Bénin.

COMPARISON BETWEEN NANO IRON AND IRON EDTA AS FOLIAR FERTILIZERS UNDER SALT STRESS CONDITIONS

- (1)A. Ighere Dickson, National Centre for Genetic Resources and Biotechnology, Nigeria.
- (2)Ramesh Malothu, Jawaharlal Nehru Technological University, India.

In vitro ANTI-INFLAMMATORY ACTIVITY OF *Vitis vinifera* SEED EXTRACT USING ALBUMIN DENATURATION ASSAY

- (1)Ye Gao, University of California San Diego, United States.
- (2)Darlene Ana de Paula Vieira, Federal Institute of Goiás -IFG, Brazil.

OPTIMIZATION OF WEED SEED DORMANCY BY CHEMICAL AND PHYSICAL TREATMENTS

- (1)D. P. Singh, ICAR-IWBR, India.
- (2)Prananath Barman, Institute For Subtropical Horticulture, India.

ANTIFUNGAL ACTIVITY OF *Acacia catechu* SEED EXTRACT-AN in vitro STUDY

- (1)Zulkifli Lubis, Universitas Sumatera Utara, Indonesia.
- (2)Sayed Rashad Ahmed, Agricultural Research Center Research, Egypt.

EFFECT OF DIFFERENT GROWTH HORMONES ON in vitro PROPAGATION OF MEDICINAL WEED-*Scoparia dulcis* L.

- (1)Shoaib Nissar Kirmani, ICAR –Central Institute of Temperate Horticulture, India.
- (2)Jose-Luis Reyes-Carrillo, Universidad Autonoma Agraria Antonio Narro, Mexico.

CHARACTERIZATION OF *Asparagus racemosus* MEDIATED SILVER NANOPARTICLES USING UV -VIS SPECTROPHOTOMETER AND SEM

- (1)A. O. Okewale, Federal University of Petroleum Resources, Nigeria.
- (2)Toboc Ani, Romania.

PERIORBITAL HYPERPIGMENTATION (POH): A REVIEW OF MEDICAL AND PROCEDURAL TREATMENTS

- (1)Isam Hussain T. Al-Karkhi, University of Baghdad, Iraq.
- (2)Katherin Jossenka Silva Leon, Universidad Tecnica De Manab, Ecuador.
- (3)Efrain Orlando Silva Vega, Technical University of Manabi, Ecuador.

EVALUATION AND CHARACTERIZATION OF AGRO-MORPHOLOGICAL VARIATION WITHIN GHANA OIL PALM GERMLASM USING CHEMOMETRIC TECHNIQUES

- (1)Karen Goraieb, State University of Campinas, Brazil.
- (2)S. Ahmed, Indian Grassland and Fodder Research Institute, India.

PREPARATION AND CHARACTERIZATION OF SILVER NANOPARTICLES BY *Justicia adhotoda* AND *Ocimum sanctum* FORMULATION USING TRANSMISSION ELECTRON MICROSCOPY

- (1)Olaniyan Julianah Olayinka, Christland University, Nigeria.
- (2)Siti Nor Hidayah Arifin, Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia.
- (3)Yashni Gopalakrishnan, Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia.

THE EFFECT OF IRRIGATION WATER SALINITY ON THE GROWTH OF CERTAIN CULTIVARS OF *Curcuma melo* VAR. FLEXUOSUS IN GREENHOUSES

- (1)Francisco Romário Andrade Figueiredo, Federal Rural University of the Semi-Arid, Brazil.
- (2)Recep Çakir, Canakkale Onsekiz Mart University, Turkey.

ANTI INFLAMMATORY ACTIVITY OF CORIANDER OLEORESIN MEDIATED SELENIUM NANOPARTICLES

- (1)Meilinah Hidayat, Universitas Kristen Maranatha, Indonesia.
- (2)Angela Danila, Gheorghe Asachi" Technical University of Iasi, Romania.
- (3)Zhigzhitzhapova Svetlana Vasylievna, The Russian Academy of Sciences, Russia.

EFFECTS OF WEATHER PARAMETERS ON INCIDENCE OF SUCKING PESTS AND THEIR PREDATORS ON COTTON (*Gossypium hirsutum* L.)

- (1)Maibam Sharmila Devi, India.
- (2)Sagar Anand Pandey, IGKV, India.
- (3)Maurício Albertoni Scariot, Federal University of Rio Grande do Sul, Brazil.

GREEN SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLE USING *Phyllanthus emblica* AND *Cinnamomum verum* EXTRACT

- (1)Mehdi Shakourian-Fard, Birjand University of Technology, Iran.
- (2)Jaideep, SKSS Ayurveda Medical College and Hospital, affiliated to Guru Ravidas Ayurved University, India.

2020 - Volume 21 [Issue 51-52]

Dillenia indica AS AN ANTI-HYPERGLYCEMIC ELEMENT: A SYSTEMATIC STUDY

- (1)Pedro Octavio Barbanera, Brazil.
- (2)Ivan Ivanov, University of Food Technologies Plovdiv, Bulgaria.
- (3)Augustine Ikhueoya Airaodion, Federal University of Technology, Nigeria.

ANTIBACTERIAL ACTIVITY OF *Phyllanthus emblica* & *Cinnamomum verum* FORMULATION MEDIATED SILVER NANOPARTICLES AGAINST ORAL PATHOGENS

- (1)Farzane Ahmadi, Zanjan University of Medical Science, Iran.
- (2)Ricardo Gómez Flores, Autonomous University of Nuevo Leon, México.

RESPONSE OF SOME VARIETIES OF *Vigna unguiculata* (L.) WALP CULTIVATED IN SOUTHERN IRAQ TO DIFFERENT METHODS OF ADDITION AND CONCENTRATIONS OF HUMIC ACID IN GROWTH AND YIELD

- (1)Ezekiel Dare Olowolaju, Obafemi Awolowo University, Nigeria.
- (2)A.T. Ajayi, Adekunle Ajasin University, Nigeria.
- (3)Sandeep Kumar Pandey, Acharya Narendra Deva University of Agriculture and Technology, India.

GREEN PREPARATION OF NANO COPPER (Cu) WITH NANO GRAPHENE OXIDE (GO) NANO COMPOSITE CHARACTERIZATION AND ANTIMICROBIAL ACTIVITY AGAINST ORAL AEROBIC PATHOGENS

- (1)Aula Al Hindawi, University of Kerbala, Iraq and University of Leicester, UK.
- (2)Paraschiva Postolache, Grigore T. Popa" University of Medicine and Pharmacy, Romania.

GENETIC ASSOCIATION AMONG MORPHOLOGICAL TRAITS OF *Zea mays* UNDER HEAVY METAL STRESS

- (1)Raju Gadpayle, RTM Nagpur University, India.
- (2)Sihai Hu, Northwestern Polytechnical University, China.

MELATONIN REGULATES ANTIOXIDANT GENE EXPRESSION IN SOYBEAN *Glycine max* (L.) MERR

- (1)Sumant Bindal, Lovely Professional University, India.
- (2)Muhammad Aslam Tahir, Allama Iqbal University, Pakistan.

ANTIBACTERIAL ACTIVITY AND CYTOTOXICITY OF AMLA SEED MEDIATED GRAPHENE OXIDE, SILVER NANOPARTICLE & Go-Ag NANOPARTICLE -AN in vitro STUDY

- (1)Renata Ranielly Pedroza Cruz, Federal University of Viçosa, Brazil.
- (2)Rita Jaqueline Cabello Torres, Universidad Cesar Vallejo, Peru.
- (3)Gerardo Alberto Isea Fernández, Universidad del Zulia, Venezuela.

EFFECT OF VESICULAR ARBUSCULAR MYCORRHIZAL FUNGAL ON GROWTH OF RICE CROP AND SOIL PROPERTY

- (1)Rachmawati Hasid, Halu Oleo University, Indonesia.
- (2)Wawan Sulistiono, Institute for Agricultural Technology of North Maluku, Indonesia.

CONTROLLING *Streptococcus mutans* USING SELENIUM NANOPARTICLES MEDIATED THROUGH *Symphlocos racemosa*

- (1)Renata Ranielly Pedroza Cruz, Federal University of Viçosa, Brazil.
- (2)Saleh A. Mohamed, National Research Centre, Egypt.

PLOIDY LEVEL ANALYSIS OF SEEDLINGS FROM EMBRYOS EXTRACTED FROM SEEDS RARELY PRODUCED BY TRIPLOID MANDARIN HYBRIDS

- (1)S. V. Gontcharov, Kuban State Agrarian University, Russia.
- (2)I. Gede Ketut Adiputra, University of Hindu, Indonesia.

ANTI INFLAMMATORY ACTIVITY OF LYCOPENE AND ITS BASED CHITOSAN NANOFORMULATION-AN in vitro STUDY

- (1)Lusiana, Indonesian Institute of Sciences, Indonesia.
- (2)Divya. S. Rajan, Sree Narayana College, India.

IDENTIFICATION OF SECONDARY METABOLITES OF THE ENDOPHYTIC FUNGUS *Aspergillus egypticus*-HT166 SINHIBITING THE ACTIVITY OF PANCREATIC α -AMYLASE

- (1)T. C. Venkateswarulu, Vignan's Foundation for Science, Technology & Research, India.

(2)Saurabha Bhimrao Zimare, Naoroji Godrej Centre for Plant Research (NGCPR), India.

CONTROLLING OF *Streptococcus mutans* AND *Lactobacillus* IN VITRO USING HERBAL FORMULATION OF *Ocimum sanctum* AND *Justicia adhatoda* MEDIATED SILVER NANOPARTICLES

- (1)Sohier Mohammed Fathey Syame, National Research Centre, Egypt.
- (2)Heithor Syro Anacleto de Almeida, Universidade Federal Rural do Semi-Árido, Brazil.
- (3)Yeganeh Dorri Nokoorani, Sharif University of Technology, Iran.

DUSUNG SYSTEM AS FOREST GARDEN SYSTEM IN SAPARUA ISLAND

- (1)Leonidas Maniraho, Protestant Institute of Arts and Social Sciences (PIASS), Rwanda and Business School Netherlands, The Netherlands.
- (2)Lady Laura Tuisima Coral, Nacional Institute for Agrarian Research, Peru.
- (3)Odunayo James Rotowa, Nasarawa State University, Indonesia.

ISOLATION OF ACTINOMYCETES FROM *Vitis vinifera* L. and *Annona squamosa* L. FRUITS AND SCREENING FOR BIOACTIVE COMPOUNDS

- (1)Nihad Khalawe Tektook, Middle Technical University, Iraq.
- (2)Pratima Vishwakarma, Deen Dayal Upadhyay Gorakhpur University, India.
- (3)A.Tamil Selvan, PSG College of Pharmacy, India.

2020 - Volume 21 [Issue 53-54]

CYTOTOXIC EFFECT AND ANTIOXIDANT ACTIVITY OF SILVER NANOPARTICLES SYNTHESIZED USING HERBAL FORMULATION OF *Ocimum sanctum* AND *Justicia adhatoda*

- (1)Alyza A. Azmi, Universiti Malaysia Terengganu, Malaysia.
- (2)Kahtan A. Mohammed, University of Basra, Iraq.

ALKALOIDS PROFILING AND ACETYLCHOLINESTERASE INHIBITORY ACTIVITY OF *Corydalis* SPECIES

- (1)Deboja Sharma, University of Science and Technology, India.
- (2)Heba Youssif El-Sayed Ibrahim, Agricultural Research Center (ARC), Egypt.

ANTIFUNGAL COMPARISON OF *Sapindus mukorossi* AND COMMERCIALY AVAILABLE ANTI DANDRUFF SHAMPOO TO AGAINST *Candida albicans*

- (1)Yusianti Silviani, Sekolah Tinggi Ilmu Kesehatan Nasional, Indonesia.
- (2)Inna Martha Romainum, University of Papua, Indonesia.
- (3)Mario Walean, Prisma University, Indonesia.

SURVEY OF SOME *Cyanobacteria* SPECIES IN RICE FIELDS OF SARAN DISTRICT OF BIHAR, INDIA

- (1) Zinabu Wolde, Dilla University, Ethiopia.
- (2)Mônica Cristina Barroso Martins, Federal University of Pernambuco (UFPE), Brazil.
- (3)Haider Alghanmi, University of Al-Qadisiyah, Iraq.

CONTROLLING OF ORAL PATHOGENS USING TURMERIC AND TULSI HERBAL FORMULATION MEDIATED COPPER NANOPARTICLES

- (1)Sharafaldin Al-Musawi, Green University of Al Qasim, Iraq.
- (2)Zainab Adil Ghani Chabuck, University of Babylon, Iraq.

POTENTIALS OF *Plumbago zeylanica* TO DEVELOP AS A DRUG AGAINST *Helicobacter pylori*

- (1)Shaymaa Fadhel Abbas Albaayit, University of Baghdad, Iraq.
- (2)Burcu Sümer Tüzün, Ege University, Turkey.
- (3)Merza H. Homady, Cihan University, Iraq.

ROLE OF VESICULAR-ARBUSCULAR MYCORRHIZAL FUNGI ON RICE CROP WITH DIFFERENT DOSE OF FERTILIZER TO SAVE SUSTAINABILITY

- (1)Bonya Akhter, Bangladesh Agricultural Research Institute (BARI), Bangladesh.
- (2)Mathilde Uwizerwa, Rwanda Agriculture and Animal Resources Board (RAB), Rwanda.

ENHANCED ANTIMICROBIAL ACTIVITY OF HERBAL FORMULATION MEDIATED COPPER NANOPARTICLES AGAINST CLINICAL PATHOGENS

- (1)Disha Changela, Saurashtra University, India.
- (2)Marzieh Rahim Khorasani, Infectious Disease Research Center, Iran.
- (3)Krutti G. Dangar, Saurashtra University, India.

EFFICIENCY OF IMAGE ANALYSIS AS A DIRECT METHOD IN SPORE DIMENSIONS MEASUREMENT

- (1)Neide Judith Faria De Oliveira, Federal University of Minas Gerais, Brazil.
- (2)Abhaykumar Kamble, Gulbarga University, India.
- (3)Aniya Chindamporn, Chulalongkorn University, Thailand.

CYTOTOXICITY OF SILVER NANOPARTICLES SYNTHESIZED USING *Phyllanthus emblica* AND *Cinnamomum verum* FORMULATION AND ITS CYTOTOXIC EFFECT

- (1)Mahyar Gerami, Sana Institute of Higher Education, Iran.
- (2)Sandra Machado Lira, Centro Universitário Maurício de Nassau, Brasil.

EVALUATION OF *Catharanthus roseus* PLANT EXTRACT GROWN UNDER MULTIPLE STRESS ENVIRONMENTAL CONDITIONS FOR ITS BIOCHEMICAL ACTIVITIES

- (1)A. Reshma, Madras Veterinary College, India.
- (2)Mukti Verma, C. C. S. University, India.
- (3)U. S. Ramjith, Primary Health Centre, India.

GREEN SYNTHESIS OF COPPER NANOPARTICLES USING TURMERIC-TULSI EXTRACT AND ITS CHARACTERIZATION

- (1)Vira Lubenets, Lviv Polytechnic National University, Ukraine.
- (2)Jussara Maria Gonçalves, University of the Region of Joinville, Brazil.
- (3)Nazareno de Pina Braga, Federal University of Amazonas, Brazil.

RESPONSE OF MAIZE GENOTYPES TO MANGANESE AND CHROMIUM APPLICATION

- (1)Vivek Kr. Dwivedi, India.
- (2)Adeleke Abdulrahman Oyekanmi, Universiti Sains Malaysia, Malaysia.
- (3)Ashutosh Singh, Dr. Rajendra Prasad Central Agricultural University, India.

EVALUATION OF ANTIFUNGAL ACTIVITY AND CYTOTOXIC EFFECTS OF FRUIT MEDIATED ZINC OXIDE NANOPARTICLES

- (1)Delian Elena, University of Agronomical Sciences and Veterinary Medicine, Romania.
- (2)Tuğba Demir, Sivas Cumhuriyet University, Turkey.
- (3)Ruqaya Mohammed Ibrahim, Al-Nahrain University, Iraq.

ANTIBACTERIAL, ANTIFUNGAL AND ANTICANCER ACTIVITIES OF MULTI-STRESS AFFECTED *Zingiber officinale* PLANT EXTRACTS

- (1)K. Mohan, Sakthi Polytechnic College, India.
- (2)Betül Gürünlü, Gebze Technical University, Turkey.
- (3)João Rufino de Freitas Filho, UFRPE, Brazil.

2020 - Volume 21 [Issue 55-56]

CYTOTOXICITY OF COPPER NANOPARTICLES SYNTHESIZED USING DRIED GINGER

- (1)Theosobia Grace Orno, Indonesia.
- (2)Jorge A. López, Tirandentes University, Brazil.
- (3)Farnaz Rasi-Bonab, Islamic Azad University, Iran.

PHOMOPSIS BLIGHT OF *Solanum melongena*—BRINJAL/EGGPLANT

- (1)Onifade Olayinka Fisayo, Bells University of Technology, Nigeria.
- (2)Ram Niwas, Bihar Agricultural University, India.

ANTIBACTERIAL, ANTIFUNGAL AND ANTICANCER ACTIVITIES OF MULTI STRESS AFFECTED *Allium sativum* PLANT EXTRACT

- (1)Sunil Kumar, India.
- (2)Arti Mohan, Krupanidhi College of Pharmacy (Affiliated to Rajiv Gandhi University of Health Sciences), India.
- (3)Saptadip Samanta, India.

ISOLATION OF DARK SEPTATE ENDOPHYTIC FUNGI FROM *Vinca* GENUS

- (1)Mina Dadarao Koche, Shri Shivaji Agriculture College, India.
- (2)P.N.Kavitha, K.R.College of Pharmacy, India.

MOLECULAR CHARACTERIZATION AND IDENTIFICATION OF BACTERIAL COLONIES ISOLATED FROM THE PNEUMATOPHORE OF THE MANGROVE PLANT *Avicennia officinalis*

- (1)Bexi Nathaly Jama Vera, Agrarian University of Ecuador, Ecuador.
- (2)Majo Angra, Universidad Agraria del Ecuador, Ecuador.
- (3)Antônia Duciene Feitosa Lima, Universidade Federal Rural do semi –árido, Brazil.

MANAGEMENT OF URDBEAN LEAF CRINKLE DISEASE USING MICRO-NUTRIENTS AND PLANT EXTRACTS IN RELATION TO ENVIRONMENTAL FACTORS

- (1)Louasté Bouchra, Sidi Mohamed Ben Abdellah University (USMBA), Morocco.
- (2)Manoj Kumar Kalita, Assam Agricultural University, India.

BIOLOGICAL CONTROL (in vitro) OF THE PATHOGEN CAUSING LEAF BLIGHTDISEASE OF MINT (*Mentha arvensis* L.)

- (1)Yan Hongfei, Hebei Agriculture University, China.
- (2)Bhavana Patnayakuni, ICAR RCER Farming Systems Research Centre for Hill and Plateau Region, India.

INHIBITION OF TYROSINE PHOTODEGRADATION ACTIVITY OF LHYOPHILISATE, EXTRACT AND FRACTIONS OF KERSEN FRUIT (*Muntingia calabura*L.)AS PHOTOPROTECTIVE AGENT

- (1)P. Rejani, NSS College, India.
- (2)Sankarampadi Aravamudhan, North Eastern Hill University, India.

CLIMATE SENSITIVITYOFRICECROPIN INDIA

- (1)Innocent Ngare, Kenyatta University, Kenya.
- (2)Rukhsana, Aliah University, India.

ESTIMATION OF WEDELOLACTONE IN *Eclipta prostrata*(L.) L BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHYAFTER MICROBIAL TREATMENTS AT TWO LEVELS OF WATER AVAILABILITY

- (1)K. Shanmugapriya, Pukyong National University, South Korea.
- (2)Neelam Laxman Dashputre, Savitribai Phule Pune University, India.

ANTIMICROBIAL ACTIVITY AND ANTI-BIOFILM FORMATION ON *Pseudomonas aeruginosa* ISOLATED FROM TONSILLITIS

- (1)Marwa Fady, Zagazig University Hospitals, Egypt.
- (2)S. R. Swarna, India.

EVALUATION OF ANTI-INFLAMMATORY ACTIVITY OF AQUEOUS AND AQUA ALCOHOLIC EXTRACTS OF *Caesalpinia bonducella*SEEDS

- (1)Ambarwati, Universitas Muhammadiyah, Indonesia.
- (2)Luana Bernardi, Especialista em NutriçãoClínica e Alimentos Funcionais (UEL -PR), Brazil.

EFFECT OF AUXINS (IAA, IBA AND NAA) ON CLONAL PROPAGATION OF *Solanum procumbens*STEM CUTTINGS

- (1)Gută Ionela-Cătălin, Institute for Biotechnology in Horticulture Stefanesti, Arges, Romania.
- (2)M. M. Sharma, Manipal University, India.

GREEN SYNTHESIS OF COPPER OXIDE NANOPARTICLES USING TAMARIND EXTRACT AND ITS ALPHA AMYLASEINHIBITORY ACTIVITY

- (1)Hamid Nasri, Isfahan University of Medical Sciences, Iran.
- (2)Zeus S. Elumba, Central Mindanao University, Philippines.

SYNTHESIS, CHARACTERISATION AND ANTI-INFLAMMATORY PROPERTY OF HYDROXYCITRIC ACID MEDIATED ZINC NANOPARTICLES

- (1)Amirul Bin Abd Rashid, Universiti Teknologi Mara (Uitm), Malaysia.
- (2)Nor Azwadi Che Sidik, University Teknologi Malaysia, Malaysia.

2020 - Volume 21 [Issue 57-58]

ANTI-INFLAMMATORY ACTIVITY OF COPPER NANOPARTICLES SYNTHESIZED USING DRIED GINGER

- (1)Omnia Mohamed Abdallah, Misr International University and Ain Shams University, Egypt.
- (2)Reisha Claffel Z. Ferraren, Ateneo de Manila University, Philippines.
- (3)Hemmat Mansour Abdelhatez, AL-Azhar University, Egypt.

ROLE OF BEETROOT AS A DIETARY SUPPLEMENT IN FOOD PRODUCTS: REVIEW

- (1)Anurag Titov, India.
- (2)Nehan Bahaldden Jafar, Kirkuk University, Iraq.

GREEN SYNTHESIS, ANTI INFLAMMATORY AND ANTIOXIDANT PROPERTY OF *Cardiospermum halicacabum*MEDIATED COPPER NANOPARTICLE

- (1)Fatma Abdel-Aziz Mohamed Mostafa, Cairo University, Egypt.
- (2)Daniela Benedec, University of Medicine and Pharmacy, Romania.

PROBABILITY BASED CLASSIFICATION METHOD FOR PLANT DISEASEDETECTION

- (1)Hoza Dorel, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania.
- (2)Romana Tazeen, India.

GREEN SYNTHESIS, ANTIOXIDANT AND ANTI-INFLAMMATORY ACTIVITY OF *Adathoda vasica* MEDIATED COPPER NANOPARTICLES

- (1)Simona Badilescu, Concordia University, Canada.
- (2)Zainab Jihad Taqi, University of technology, Iraq.

EFFICIENT USE OF INORGANIC FERTILIZERS THROUGH RICE STRAW COMPOST UTILIZATION

- (1)Renu Singh, Indian Agricultural Research Institute, India.
- (2)Chand Pasha, Osmania University, India.

ANTIMICROBIAL AND ANTIOXIDANT ACTIVITY OF *Acalypha indica* MEDIATED SELENIUM NANOPARTICLES

- (1)Risha Fillah Fithria, Wahid Hasyim University, Indonesia.
- (2)Mariana Ferdes, University of Bucharest, Romania.
- (3)Rodica Olar, University of Bucharest, Romania.

UTILIZATION OF PINEAPPLE LEAVES FOR PRODUCTION OF NANO CELLULOSE AND ITS APPLICATION ALONG WITH MAGNETIC CHITOSAN FOR EFFICIENT DYE ADSORPTION AND ANTIBACTERIAL ACTIVITY

- (1)José Antonio Sánchez Fernández, Tecnológico de Monterrey, México.
- (2)Mustapha Umar, Nigeria.

***Symplocos racemosa*BARK MEDIATED COPPER NANOPARTICLES AND ITS ASSESSMENT OF ANTI-INFLAMMATORY ACTIVITY**

- (1)Songshan Qiu, Guangdong University of Petrochemical Technology, China.
- (2)Ugonabo, Victor, Nnamdi Azikiwe University, Nigeria.

IMPROVED COWPEA(*Vigna unguiculata* L. WALP.) RHIZOBIUMTOLERATE TO DROUGHT AND SALINITY CONDITIONS USING CO-INCULATION

- (1)C. Appunu, ICAR-Sugarcane Breeding Institute, India.
- (2)Nuryazmeen Farhan Haron, Universiti Teknologi Mara, Malaysia.

EVALUATION OF SALIVARY pH AND VIABILITY OF *Streptococcus mutans*AFTER CHEWING BETEL LEAVES –Anin vivoSTUDY

- (1)Amina Anwar Unis, Rak medical and health science university, UAE.
- (2)Athra G. Sager Al-Sadoon, University of wasit, Iraq.
- (3)Jones Souza Moraes, Federal University Of Pará, Brazil.

EFFECT OF COLLECTING SOURCE AND SOAKING IN HUMIC ACID OF PINE (*Pinusbrutia*TEN.) SEEDS ON GERMINATION AND SEEDLING GROWTH

- (1)Ben Castro, Pontificia Universidad Católica de Chile, Chile.
- (2)Shambhoo Prasad, College of Agriculture, Anduat, India.
- (3)Maria Edna Alvarez Sánchez, Universidad Autónoma Chapingo, Mexico.

ANTI-INFLAMMATORY AND ANTI-MICROBIAL ACTIVITY OF *Hybanthus enneaspermus*MEDIATED SILVER NANOPARTICLES

- (1)Dr. Sylwia Okoń, University of Life Sciences, Lublin.
- (2)Nunuk Hariani Soekamto, Hasanuddin University, Indonesia.
- (3)Ahmed Mohamed GAD, National Institute of Oceanography and Fisheries, Egypt.

THE IMPACTOFPLANTEXTRACTS ON THE METABOLIC PROFILE OF ENDOPHYTIC FUNGIISOLATED FROM VINCA PLANTS

- (1)Mohamed Abdel-Raheem Ali Abdel-Raheem, National Research Centre, Egypt.
- (2)Yashni Gopalakrishnan, Universiti Tun Hussein Onn Malaysia, Malaysia.

IMPROVING RHIZOBIUMINOCULATION IN-EFFICIENCY BY CO INFECTION, GROWTH ANDN, P, K UPTAKE OF COWPEA (*Vigna unguiculata* L.WALP.)

- (1)R. S. Choudhary, Maharana Pratap University of Agriculture & Technology, India.
(2)Di Barbaro, María Gabriela, National University of Catamarca, Argentina.

2020 - Volume 21 [Issue 59-60]

ANTIMICROBIAL ACTIVITY OF CLOVE AND CINNAMON MEDIATED SILVER NANOPARTICLES AGAINST *Lactobacillus* SPECIES -AN *in vitro* STUDY

- (1)Haider Qassim, University of Babylon, Iraq.
(2)Inna Trus, National Technical University of Ukraine, Ukraine.

***In vivo* EVALUATION OF FUNGICIDES AND BIOCONTROL AGENTS AGAINST ANTHRACNOSE OF SORGHUM**

- (1)Mohammed Ezziyyani, Université Abdelmalek Essaâdi, Morocco.
(2)Anik Yuesti, University of Mahasaraswati, Indonesia.
(3)Sherien Mohamed Mabrouk, National Research Centre, Egypt.

Chrysanthemum indicum MEDIATED SELENIUM NANOPARTICLES AND ITS ANTIOXIDANT AND ANTI-INFLAMMATORY ACTIVITY ABSTRACT

- (1)Chouikh Atef, El Oued University, Algeria.
(2)Amel Belgacem, University of Tunis El Manar, Tunisia.
(3)Ana Carolina Rosa da Silva, UFRJ, Brazil.

SORBITOL ACCUMULATION INHIBITORY ACTIVITY OF *Punica granatum*

- (1)Ahlem Hessine Bargougui, University of Jeddah, Saudi Arabia.
(2)Khetam Habeeb Rasool, Mustansiriyah University, Iraq.
(3)Samir Kumar Sadhu, Khulna University, Bangladesh.

STIMULATION OF AMYLASE ACTIVITY BY UV EXPOSURE AND POTATO PEELS

- (1)Naveen Gupta, Panjab University, India.
(2)Neelima Garg, ICAR-CISH, India.

ANTI-INFLAMMATORY ACTIVITY OF *Maranta arundinacea* MEDIATED ZINC OXIDE NANOPARTICLES

- (1)Ema Pristi Yunita, Universitas Brawijaya, Indonesia.
(2)Silvia Marquina, Universidad Autónoma del Estado de Morelos, Mexico.

EVALUATIONS OF *Trichoderma* SOLATES FOR BIOLOGICAL CONTROL OF *Fusarium* WILT OF CHILI

- (1)Avinash Parashar, Rajasthan Agriculture University, India.
(2)Amel Ghanim Muhmood AL-Kazzaz, University of Baghdad, Iraq.

***In vitro* ANTI-INFLAMMATORY ACTIVITY USING FRUIT FORMULATION MEDIATED ZINC OXIDE NANOPARTICLES**

- (1)Omid Raiesi, University of Medical Sciences, Iran.
(2)İnci Selin DOĞAN, Karadeniz Technical University, Turkey.

VISUALISATION OF RESEARCH TRENDS IN ASTER YELLOW DISEASE IN PLANT: AN OVERVIEW

- (1)Marco Martin Mwendu, United Republic of Tanzania.
(2)Majeed Hameed Nawar, Baghdad University, Iraq.

BLOSSOM BLIGHT: RECENT STUDIES ON ANALYSIS AND VISUALISATION OF RESEARCH TRENDS

- (1)Raimi Morufu Olalekan, Niger Delta University, Nigeria.
(2)Teuma Mbezi Michel, University of Yaoundé I, Cameroon.

MORPHOLOGICAL ALTERATIONS AND GENE EXPRESSION IN A SET OF SUGARCANE VARIETIES UNDER WATERLOGGED CONDITIONS

- (1)Imene Rajhi, Center of Biotechnology of Borj Cedria (CBBC), Tunisia.
(2)Süleyman Çilek, Kırıkkale University, Turkey.

RESEARCH TRENDS IN LEAF BLIGHT: A SYSTEMATIC REVIEW

- (1)Mohamed Abdel-Raheem Ali Abdel-Raheem, National Research Centre, Cairo, Egypt.
(2)Neslihan Bal, Gazi University, Turkey.

A DETAILED ANALYSIS AND VISUALISATION OF RESEARCH TRENDS IN BLACK KNOT

- (1)Omyma Elmahi Mohamed, Agricultural Research Corporation, Sudan.
(2)Mboussi Serge Bertrand, University of Douala, Cameroon.

MORPHOLOGICAL INDEXES OF CORN LEAVES IN THE SYRDARYA REGION AND THE CORRELATION BETWEEN THEM

- (1)Mina Dadarao Koche, Shri. Shivaji Agriculture College, India.
(2)Effendy, Tadulako University, Indonesia.
(3)Shailasree Sekhar, University of Mysore, India.

PHYTOCHEMISTRY AND PHARMACOLOGICAL ASSETS OF *Ziziphus joazeiro*-Mart: A REVIEW

- (1)Neide Judith Faria De Oliveira, Federal University Of Minas Gerais, Brazil.
(2)Kushagra Dubey, Smriti College of Pharmaceutical Education, India.

2020 - Volume 21 [Issue 61-62]

COMPARATIVE ANALYSIS OF ANTIOXIDANT AND ANTIMICROBIAL PROPERTIES OF *Thuja occidentalis* AND *Phyllanthus emblica*

- (1)Dingse Pandiangan, FMIPA Sam Ratulangi University, Indonesia.
(2)Tran Van Minh, Vietnam National University, Vietnam.

WATER-RESOURCE-SAVING TECHNOLOGIES FOR CROP CARE IN SANDY SOILS

- (1)Mohammad Chhiddikur Rahman, Agricultural Economics Division, Bangladesh.
(2)Er. Arti Kumari, ICAR-RCER, India.

***In vitro* ANTIFUNGAL EVALUATION OF PREPARED CARBENDAZIM NANOEMULSION FOR EFFECTIVE TRANSLOCATION IN FUNGAL CELL**

- (1)Shiva Rezaei Motlagh, University Putra, Malaysia.
(2)Nina Jusnita, Indonesia.

MICROBIAL BIO-PESTICIDES AND BOTANICALS AS AN ALTERNATIVE TO SYNTHETIC PESTICIDES IN THE SUSTAINABLE AGRICULTURAL PRODUCTION

- (1)Athos Tópor, Universidade Federal Do Rio Grande Do Sul (UFRGS), Brazil.
(2)Deborah Mithya Barros Alexandre, Universidade Federal do Ceará, Brazil.

A SYSTEMATIC REVIEW ON SYMPTOMS AND HEALING OF *Verticillium wilt*

- (1)Elaine Cristina Pacheco de Oliveira, Universidade Federal do Oeste do Pará, Brazil.
(2)Warda Sidhoum, University of Mostaganem Abdel Hamid Ibn Badis, Algeria.

BIOTECHNOLOGICAL VALORIZATION OF AROMATIC PLANTS IN MOROCCO: IMPACT OF EXTRACTION METHODS ON THE YIELD AND CHEMICAL COMPOSITION OF *Origanum compactum* BENTH. OF TAOUNATE (NORTHERN MOROCCO)

- (1)Jibrin Yelwa Muhammad, National Research Institute for Chemical Technology, Zaria.
(2)M. H. Niranjana, Davangere University, India.

VISUALISATION OF RESEARCH TRENDS IN *Rhizopus* ROT: A REVIEW

- (1)Josiane Celerino de Carvalho, National Amazon Research Institute, Brazil.
(2)Marco Antonio Tucuch Pérez, Universidad Autónoma Agraria Antonio Narro, Mexico.

EFFICIENCY OF SYMBIOTIC NITROGEN FIXATION OF SOY NODULE BACTERIA AFTER PRESERVATION

- (1)Gorica Cvijanović, Institute of Information Technologies University of Kragujevac, Serbia.
(2)Siddhant, Durgesh Nandini Degree College, India.

A REVIEW ON LEMON GRASS: PERSPECTIVES ON PHARMACOLOGICAL ASPECT

- (1)Zainab Adil Ghani Chabuck, University of Babylon, Iraq.
(2)Dayane Kelly Dias do Nascimento Santos, Pernambuco Federal University, Brazil.

STUDY OF EMBRYONIC DEVELOPMENT IN SOFT, DRY AND SEMI-DRY CULTIVARS OF DATE PALM (*Phoenix dactylifera* L.)

- (1)P. Satish, PJTSAU, India.
(2)Ida Nur Istina, Indonesia.

INVESTIGATION AND IDENTIFICATION OF PHYTOPATHOGENIC AND SAPROPHYTIC Fusarium SPECIES IN THE AGRICULTURAL FIELDS SOIL LAYERS OF THE REPUBLIC OF UZBEKISTAN

- (1) Geovana Carla Girondi Delaqua, State University of Northern Rio de Janeiro, Brazil.
- (2) Raj Singh, Maharishi Markandeshwar University, India.

Withania somnifera (ASHWAGANDHA) AND ITS THERAPEUTIC FUNCTIONS: A REVIEW

- (1) Reyhaneh Farhadani, University of Malaya, Malaysia.
- (2) Heba A. Barakat, Cairo University, Egypt.

DETERMINE OF PLANTING DATE OF FLAX UNDER NITROGEN FERTILIZER AND ASCORBIC ACID APPLYING IN SOUTH OF IRAQ

- (1) Suhaib Umer Ilyas, Universiti Teknologi PETRONAS, Malaysia.
- (2) Muhammad Amir Zia, NIGAB, NARC Pakistan.

BIOREMEDIATION USING GREEN APPROACH WITH Euphorbia prostrata: A REVIEW

- (1) Elekes Carmen Cristina, University Valahia of Targoviste, Romania.
- (2) Raaz Maheshwari, SBM Govt PG College, India.
- (3) Nooshin Sajjadi, Islamic Azad University, Iran.

QUALITATIVE AND QUANTITATIVE ANALYSIS OF METALS IN VITAL Withania somnifera MEDICINAL PLANT USING INDUCTIVELY COUPLED PLASMA-MASS SPECTROSCOPY

- (1) Eliana Fernandes, University of Algarve, Portugal.
- (2) Ahmed Elazzaoui, Ibn Zohr University, Morocco.

2020 - Volume 21 [Issue 63-64]

THE EFFECT OF SMOKE WATER EXTRACT ON ENDOGENOUS PHYTOHORMONES OF Cucumis sativus L. SEEDS EXPOSED TO SALT STRESS

- (1) Halil Ibrahim Oğuz, Nevşehir Hacı Bektaş Veli University, Turkey.
- (2) Dhriti Kapoor, Lovely Professional University, India.

EFFECT OF PRE EMERGENCE HERBICIDES AND THEIR COMBINATIONS ON WEEDS INFESTATION, YIELD COMPONENTS AND YIELD OF COMMON BEAN (Phaseolus vulgaris L.) AT GURAFERDA AND MENITSHASHAWOREDA, SOUTH WEST ETHIOPIA

- (1) Suryendra Singh, India.
- (2) J. Suresh Kumar, Indian Council of Agricultural Research, India.

RECENT STUDY ON Sclerotinia STEM: A REVIEW

- (1) Carlos De León, Mexico.
- (2) Dhia Ahmed Taain, University of Basrah, Iraq.

FORMATION OF HARD SPRING WHEAT PRODUCTIVITY DEPENDING ON THE MINERAL FERTILIZERS AND BIOLOGICAL PREPARATIONS

- (1) Alapati Anitha, Sri Venkateswara Veterinary University, India.
- (2) Rachmawati Hasid, University of Halu Oleo, Indonesia.

EFFECT OF DIFFERENT CHEMICAL TREATMENTS ON WEEDS, YIELD OF SOFT WHEAT AND YIELD COMPONENTS

- (1) Bilal Ahmad Lone, Division of Agronomy SKUAST-K, India.
- (2) Rania Ahmed Abd El-Wahab, Agricultural Research Center, Egypt.
- (3) Pashtetsky Vladimir, The Scientific Research Institute of Agriculture of Crimea, Ukraine.

AN OVERVIEW AND VISUALISATION OF RESEARCH TRENDS IN LATE BLIGHT DISEASE OF PLANT

- (1) Lipa Deb, Central Agricultural University (Imphal), India.
- (2) Rayhanur Jannat, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Bangladesh.

ANTI BACTERIAL ACTIVITY OF Cordia dichotoma G. FORST. BARK HEXANE EXTRACT AND IDENTIFICATION OF ITS CONSTITUENTS BY GC-MS ANALYSIS

- (1) María Margarita Canales Martínez, UBIPRO, Mexico.
- (2) Gian Gabriele Franchi, University of Siena, Italy.

RSM-BASED FERMENTATIVE ETHANOLOGENESIS EMPLOYING ACID HYDROLYSATE WATERMELON PEELS

- (1) Abdenour Kheloufi, University of Batna 2, Algeria.
- (2) I. Gusti Ayu Nyoman Danuyanti, Politeknik Kesehatan Mataram, Indonesia.

ASSESSMENT OF SECONDARY METABOLITES AND ANTIOXIDANT ACTIVITY OF FUNGAL ENDOPHYTES ISOLATED FROM Ziziphus jujuba MILL

- (1) Suica-Bunghez Ioana-Raluca, ICECHIM Bucharest, Romania.
- (2) Larissa Alves Lopes, Federal University of Ceará, Brazil.

THE USE OF WASTE SULFUR OF GAS MINING RESULT AS FERTILIZER FOR SHALLOT PLANTS OF LEMBAHPALU VARIETY

- (1) Udokang Anietie Edem, Federal Polytechnic Offa, Nigeria.
- (2) Bistok Hasiholan Simanjuntak, Satya Wacana Christian University, Indonesia.

Ecliptaalba-A POWERFUL TRADITIONAL MEDICINAL HERB

- (1) Hamed Nosrati, Shahrekord University of Medical Science, Iran.
- (2) Amritpal Singh, Shri Dhanwantry Ayurvedic College (affiliated to Shri Krishna AYUSH University), India.

EFFECTS OF NITROGEN FORMS AND RATES ON Fusarium culmorum GROWTH, FITNESS, AGGRESSIVENESS AND WHEAT, BARLEY AND TRITICALE RESISTANCE TO CROWN ROT DISEASE

- (1) Rakesh Yonzone, UBKV, India.
- (2) N. Seenivasan, Tamil Nadu Agricultural University, India.

STUDIES ON BANANA NUTRITION: FUNCTION AND PROCESSING KINETICS

- (1) Dippong Thomas, Technical University of Cluj-Napoca, Romania.
- (2) Heba Elkhouly, Beni-Suf University, Egypt.

PLANT GROWTH PROMOTING RHIZOBACTERIA

- (1) Mariani Sembiring, University of Sumatera Utara, Indonesia.
- (2) Adel Hadj Brahim, University of Sfax, Tunisia.

INDIGENOUS KNOWLEDGE AND USAGE OF ETHNOMEDICINAL PLANTS BY LIANGMAI NAGAS IN TAMENGLONG DISTRICT OF MANIPUR, INDIA

- (1) Ana Carolina Lyra de Albuquerque, Federal University of Campina Grande, Brazil.
- (2) Matheus Gomes, Centro Universitário de Boa Viagem, Brazil.
- (3) Melania Florina Munteanu, Western University "Vasile Goldis" Arad, Romania.

2020 - Volume 21 [Issue 65-66]

EFFECTIVENESS OF CO-PLANTING CROPS IN SANDY SOILS

- (1) Amit Anil Shahane, Central Agricultural University, India.
- (2) S. K. Choudhary, Bihar Agricultural University, India.

THE ANTIOXIDANT AND DNA DAMAGE PROTECTION ACTIVITY OF Hibiscus sabdariffa L.

- (1) M. Prabha, Ramaiah Institute of Technology, India.
- (2) Jaiber Humberto Rodriguez Llanos, São Paulo University, Brazil.

MORPHOLOGICAL AND PHARMACOLOGICAL REVIEW ON Bryophyllum pinnatum

- (1) Damla Kirci, Selcuk University, Turkey.
- (2) Izabel Galhardo Demarchi, Universidade Federal de Santa Catarina, Brazil.

EFFECT OF PLANTING DATES AND ORGANIC NUTRIENTS ON GROWTH AND YIELD OF LETTUCE (Lactuca sativa L.) VARIETY FAJR

- (1) Shambhoo Prasad, India.
- (2) Alireza Pirzad, Urmia University, Iran.
- (3) Isam Abdulbaset Haider Al-madhagi, Sana'a University, Yemen.

IMPACT OF RUST ON WHEAT PRODUCTION GLOBALLY: A REVIEW

- (1) Dijana Blazheković - Dimovska, University "St. Kliment Ohridski", Bitola, Macedonia.
- (2) Abdulwahid Abdullah SAIF, Agricultural Research & Extension Authority (AREA), Yemen.

ANTAGONISTIC AND GROWTH STIMULATING ACTIVITY OF THE LOCAL STRAIN *Streptomyces roseoflavus*33

- (1)Amr El-Waseif, Al-Azhar University, Egypt.
- (2)N. Jaivel, RKMVERI-FAR, India.

POST HARVEST DISEASES OF EXOTIC FRUIT CROPS AND THEIR MANAGEMENT: A REVIEW

- (1)Janine Farias Menegaes, Federal University Of Santa Maria, Brazil.
- (2)Agr. Ir. Samuel Leunufna, Pattimura University, Indonesia.

BIOSTIMULANTS OF PEPPER AND EGGPLANT BY USING PLANTS AQUEOUS EXTRACT

- (1)Juan Manuel Soto Parra, Autonomous University of Chihuahua, Mexico.
- (2)Armando Javier Tejera Valdés, Kinesika. Traumatología y Terapia Física, Ecuador.

VISUALISATION OF RESEARCH TRENDS IN PHYTOPLASMA CAUSING GASTRER YELLOW DISEASE: A CRITICAL REVIEW

- (1)Firoozeh Chamandoosti, Iranian Research Institute of Plant Protection, Iran.
- (2)Zamorzaeva Irina, Institute of Genetics, Moldova.

A SYSTEMATIC REVIEW AND RESEARCH TRENDS IN CROWN GALL

- (1)Amha Gebremariam Ymam, Wachemo University, Ethiopia.
- (2)Kikakedimau Nakwet Rufin, University of Kinshasa (UNIKIN), Democratic Republic of the Congo (DRC)

In vitro CULTURE AND CALLUS PRODUCTION IN TWO IMPORTANT ASIAN MEDICINAL PLANTS-*Gloriosa superba* AND *Ocimum sanctum*: A SHORT REVIEW

- (1)Holobiu Irina, Romania Academy, Romania.
- (2)Burcu Tuncer, Van Yüzüncü Yil University, Turkey.

MEDICINAL ATTRIBUTES OF PIPERAZINE

- (1)Pezhman Shiri, Shiraz University, Iran.
- (2)Alaadin E. Sarhan, National Research Center, Egypt.

IMPACT OF CHEMICALLY SYNTHESIZED ZINC OXIDE NANOPARTICLES ON SALINE STRESSED WHEAT

- (1)Lakkim N.Rao, National University, Oman.
- (2)Minxiang Zeng, University of Notre Dame, USA.

INCREASING REPRODUCTION OF *Azolla* AQUATIC PLANTS IN THE CLIMATE CONDITIONS OF KHOREZM REGION AND ITS UTILIZATION IN THE PURIFICATION OF WASTEWATER

- (1)Jamilah Nasution, University Medan Area, Indonesia.
- (2)K. Selvaraj, Kalasalingam University, India.

ISOLATION OF ACTINOMYCETES FROM RHIZOSPHERE SOIL: A COMPLETE APPROACH

- (1)Ahmad Fathoni, Indonesian Institute of Sciences (LIP), Indonesia.
- (2)Odeniyi Olubusola, University of Ibadan, Nigeria.

2020 - Volume 21 [Issue 67-68]

NANOPHOSPHORUS FOR IMPROVING FODDER BEAT GROWTH UNDER SALINITY STRESS CONDITIONS

- (1)Saroj Kumar Sanyal, Bihar Agricultural University, India.
- (2)Oscar Portillo Moreno, Benemerita Universidad Autónoma de Puebla, Mexico.

THE EFFECT OF HUMIC ACID AND HIGH POTASSIUM ON SOME GROWTH CHARACTERISTICS AND YIELD OF CAULIFLOWER

- (1)Muzafer Ahmad Sheikh, Vikram University, India.
- (2)Ricardo Hernandez Perez, Mexico.

A SYSTEMATIC REVIEW ON PHOMA BLIGHT PLANT DISEASE

- (1) Dhriti Kapoor, Lovely Professional University, India.
- (2) Hari Prakash Meena, ICAR-Indian Institute of Oilseeds Research, India.

SOOTY BLOTCH: A SYSTEMATIC REVIEW OF FUNGAL INFECTION

- (1)Manassés dos Santos Silva, State University of Feira de Santana, Brazil.
- (2)Hussein Ali Salim, Ministry of Agriculture, Iraq.

VALUABLE ECONOMIC INDICATORS AMONG HYBRIDS OF PERUVIAN COTTON GENOTYPES

- (1)Jay Kumar Sootaher, Sindh Agriculture University, Pakistan.
- (2)Muhammad Rizwan, Ayub Agricultural Research Institute, Pakistan.

ADMINISTRATION OF POWDERY MILDEW (*Oidium mangiferae* Berth.) OF MANGO THROUGH DIVERGENT GERMPLASM

- (1)Nagdy F. Abdelbaky, Qassim University, KSA.
- (2)Erwina Juliantari, IPB University, Indonesia.

EFFECT OF DIAMMONIUM PHOSPHATE SOURCES AND FOLIAR SPRAYING OF NANO-FERTILIZERS ON PHYSIOLOGICAL AND QUALITATIVE CHARACTERS OF RICE (*Oryza sativa* L.)

- (1)Moses W. Munthali, Malawi.
- (2)Amit Anil Shahane, Central Agricultural University, India.

GREEN SYNTHESIS OF SILVER NANOPARTICLES FROM AQUEOUS LEAF EXTRACT OF *Kalanchoe densiflora* AND ITS ANTIBACTERIAL ACTIVITY AGAINST HUMAN PATHOGENIC BACTERIA

- (1)P.Venkatachalam, Periyar University, India.
- (2)Palanisamy Ravichandiran, Jeonbuk National University, South Korea.

IMPACT OF CROP RESIDUE BURNING IN PUNJAB

- (1)Chet Raj Upreti, NARC, Nepal.
- (2)Fateme Ahmadnia, University of Mohaghegh Ardabili, Iran.

THE PHYSICO-CHEMICAL PROPERTIES OF AGRICULTURAL WASTE INOCULATED WITH ALGINATE-PRODUCING BACTERIA: STRUCTURAL MODIFICATION FOR BIOCHAR STABILITY AS A SOIL AMENDMENT FORMULA

- (1)Gitanjali Jothiprakash, Tamil Nadu Agricultural University, India.
- (2)Valmir Felix de Lima, Federal University of Pernambuco, Brazil.
- (3)Mauricio Motta, Federal University of Pernambuco, Brazil.

CHOOSING PROMISING FODDER CROPS FOR SHORT-TERM CROP ROTATIONS WITH SPRINKLING IRRIGATION

- (1)Dian Lourençoni, Federal University of San Francisco Valley, Brazil.
- (2)Elena Ikkonen, Karelian Research Center, Russia.

EFFECT OF FOLIAR APPLICATION OF NANO-IRON AND POTASSIUM ON TWO CULTIVARS OF (*Freesia xhybrida*)

- (1)Rodica Soare, University of Craiova, Romania.
- (2)Fathy Mohamed Abdou El-Saadony, Zagazig University, Egypt.

HISTORY OF CORONAVIRUS AND MEDICINAL PLANTS AS CONTENDERS IN THE TREATMENT OF COVID-19 CAUSED BY NOVEL SARS-CoV-2

- (1)Luca Rastrelli, University of Salerno, Italy.
- (2)James David Adams, University of Southern California, United States.
- (3)Arshiya Sultana, National Institute of Unani Medicine, India.
- (4)Rajendra Nath, King George's Medical University, India.
- (5)Fabrizio Gentile, Università del Molise, Italy.

COMPARATIVE ANALYSIS OF ANTIOXIDANT RESPONSES AGAINST ANTHRACNOSE DISEASE IN RESISTANT AND SUSCEPTIBLE HOT PEPPER GENOTYPES

- (1)Zeynolabedin Tahmasebi-Sarvestani, Iran.
- (2)R.P.N.P. Rajapakse, University of Peradeniya, Sri Lanka.

RESEARCH TRENDS IN CROWN ROT: A GENERAL OVERVIEW

- (1)Ö. Z. Ummahan, Manisa Celal Bayar University, Turkey.
- (2)Diana Barraza Jiménez, Universidad Juárez del Estado de Durango, Mexico.

A RETROSPECTIVE STUDY ON PHARMACOLOGICAL ACTIVITIES OF *Calatropis procera* LINN

- (1)Judith Krisch, University of Szeged, Hungary.

ANALYSIS AND VISUALISATION OF RESEARCH TRENDS IN CURVULARIA BLIGHT: A GENERAL REVIEW

- (1) Abdulnabi Abdulameer Matrood, University of Basrah, Iraq.
- (2) Muhammad Ramzan, Chinese Academy of Agricultural Sciences, China.
- (3) B. R. Girish, University of Agricultural and Horticultural Sciences, India.

ISOLATION OF SECONDARY METABOLITES FROM PAKUATAI MERAH (AngiopterisferoxCopel) TUBERS

- (1) P. Venkatchalam, Periyar University, India.
- (2) Wichaya Radchatawedchakoon, Mahasarakham University, Thailand.
- (3) Esther Maria F. Lucas, Centro Federal de Educação Tecnológica de Minas Gerais, Brasil.

RESEARCH TRENDS IN BACTERIAL CANKER: A GENERAL REVIEW

- (1) Raziye Cetinkaya Yildiz, Biological Control Research Institute, Tukey.
- (2) Natalia Belkova, Russia.

ANALYSIS AND VISUALISATION OF RESEARCH TRENDS IN SPOTTED WILT: A GENERAL REVIEW

- (1) Anik Yuesti, Mahasaraswati University, Indonesia.
- (2) Abdulnabi Abdulameer Matrood, University of Basrah, Iraq.
- (3) Arwan Sugiharto, Indonesian Institute of Sciences, Indonesia.

EFFECT OF INOCULATION OF MYCORRHIZAE, SPRAYED OF NANOSEAWEEDS EXTRACT AND NANO SPECIFIC FERTILIZER ON GROWTH AND YIELD OF WHEAT

- (1) Silvia Eugenia Barrera Berdugo, Universidad Nacional Abierta y a Distancia, Colombia.
- (2) Andrés María-Ramírez, El Colegio De Tlaxcala, A. C. México.

INSECTICIDAL ACTIVITY OF THREE AROMATIC AND MEDICINAL PLANTS AGAINST *Callosobruchus maculatus* (FAB.) (Chrysomelidae: Bruchinae)

- (1) Temel Gokturk, Artvin Cotech University, Turkey.
- (2) Diabate Dohouonan, Université de Man, Côte d'Ivoire.

REVIEW AND RESEARCH TRENDS IN SOOTY MOLD CAUSING PLANT DISEASES

- (1) Fericean Mihaela Liana, Banat University of Agricultural Science and Veterinary Medicine "King Michael I of Romania", Romania.
- (2) Krishnananda Pralhad Ingle, India.
- (3) Chinthaka U. Widanapathirana, Sri Lanka.

PHARMACOLOGICAL ACTIVITIES OF *Mucuna pruriens*: AN UPDATE

- (1) Sadaf Shaheen, Pakistan.
- (2) Nikolaos Antonakopoulos, University of Athens Medical School, Greece.

SYSTEM OF WHEAT INTENSIFICATION: A SHORT REVIEW

- (1) Pedro Henrique Silva de Rossi, Brazil.
- (2) Alexander Sosa Frias, Qatar.

MOLECULAR DIAGNOSIS OF NEW *Aspergillus niger* ISOLATES CAUSING DEGRADATION OF POMEGRANATE (*Punica granatum*) TREES IN IRAQ

- (1) Benzong Fu, Iowa State University, Iowa.
- (2) Jyoti Prakash Sahoo, Odisha University of Agriculture and Technology, India.

A COMPREHENSIVE REVIEW OF DIFFERENT PHARMACOLOGICAL ACTIVITIES OF EXPLORED PHYTOCONSTITUENTS OF *Cannabis sativa* L

- (1) Alaadin E. Sarhan, National Research Center, Egypt.
- (2) Ali Mohamed Saad, Mansoura University, Egypt.

EFFECT OF HUMIC ACID AND SEAWEED AND NUMBER OF DOSES ADDITIVE ON GROWTH AND CHLOROPHYLL CONTENT OF SEEDLINGS WEeping BOTTLEBRUSH PLANT

- (1) Stefanos Leontopoulos, University of Thessaly, Greece.
- (2) Mohammad Hossain, Bangladesh Rice Research Institute, Bangladesh.

PHYTOCHEMICAL PROFILE AND PHARMACOLOGICAL ACTIVITIES OF *Convolvulus pluricaulis*: A BRIEF REVIEW

- (1) Batool Saleh Haddad, University of Basrah, Iraq.
- (2) Kusmiati, InaCC-Research Center for Biology, Indonesian Institute of Sciences, Indonesia.

MORPHOLOGICAL, BIOCHEMICAL AND PLANT GROWTH PROMOTING CHARACTERIZATION OF *Streptomyces* spp. ISOLATED FROM RHIZOSPHERIC SOIL OF *Capsicum annum*

- (1) Maurice HT Ling, Perdana University, Malaysia.
- (2) Maria Carmen Quintanchala Taquez, Castellar del Vallés Vocational Training Center, Ecuador.

IMPACT OF CHITOSAN NANOPARTICLES AS INSECTICIDE AND NEMATOCIDE AGAINST *Spodoptera littoralis*, *Locusta migratoria*, AND *Meloidogyne incognita*

- (1) R. Raganathan, Centre for Bio science and Nano science Research (CBNR), (Affiliated to Bharathiar University), India.
- (2) Bhupender Singh, University of Delhi, India.
- (3) T. Niranjana Prabhu, Ramaiah University of Applied Sciences, India.

GREY LEAF SPOT DISEASE IN PLANT: A REVIEW

- (1) Ali Abdel-hadi Mahoud Alsudani, University of Al-Qadisiyah, Iraq.
- (2) Ambarwati, Universitas Muhammadiyah Surakarta, Indonesia.

STUDY OF GENETIC FEATURES FOR IN F1 HYBRIDS IN FABA BEAN

- (1) Gulden Cetin Ozka, Field Crops Central Research Institute, Turkey.
- (2) Placinta Domnica Daniela, Suceava Genebank, Romania.
- (3) Marcus Vinicius Sandoval Paixão, Instituto Federal do Espírito Santo, Brasil.

AN EFFICIENT PROTOCOL FOR MICRO PROPAGATION OF SMALL-FLOWERED BUGLEWEED (*Ajuga parviflora*)

- (1) Jonathan Matheka, International Institute of Tropical Agriculture, Nigeria.
- (2) Lindomar Maria de Souza, Universidade Federal Rural de Pernambuco, Brazil.
- (3) Animesh Biswas, University of Chittagong, Bangladesh.

STRATIFICATION PERIOD WITH DIFFERENT AGRICULTURAL MEDIA ROLL ON SEEDS GERMINATION RATIO AND HUMIC ACID FERTILIZATION ON APRICOT SEEDLINGS *Prunus armeniaca* L. GROWTH

- (1) Delian Elena, University of Agronomical Sciences and Veterinary Medicine, Romania.
- (2) Zainab Adamu Abubakar, Gombe State University, Nigeria.

BIOMASS AND BIOCHEMICAL COMPOSITION OF *Chlorella* Sp AND *Scenedesmus apiculatus* IN CULTURE

- (1) Cardei Petru, The National Institute of Research, Romania.
- (2) Andrés Fernando Barajas Solano, Universidad Francisco de Paula Santander, Colombia.

MOLECULAR PHYLOGENY OF THE ENDEMIC SPECIES *Atriplex pratovii* Sukhor. (Chenopodiaceae)

- (1) Mohammadreza Mohammadabadi, Shahid Bahonar University of Kerman, Iran.
- (2) Alessandro Wagner Coelho Ferreira, Universidade Federal do Maranhão (UFMA), Brazil.

TESTING THE ABILITY OF PLASMID DNA CONTENT IN *Debaromyces hansenii* FOR MOBILIZATION AND TRANSFER THROUGH CONJUGATION

- (1) Anil Kumar, India.
- (2) Dolores Castañeda Antonio, Benemérita Universidad Autónoma de Puebla, Mexico.

IMPACT OF DIFFERENT COMPOSTS ON THE GROWTH AND DEVELOPMENT OF COTTON

- (1) Kancheti Mrunalini, ICAR-Indian Institute of Pulses Research, India.
- (2) Muhammad Imran, Chinese Academy of Sciences, China.
- (3) Benmati Mahboub, Algeria.

EXPRESSION ANALYSIS OF OsPHD6 GENE IN RESPONSE TO SALINITY STRESS AND REHYDRATION IN RICE SEEDLINGS

- (1) Muhammad Abdul Rehman Rashid, Government College University, Pakistan and Yunnan University, China.
- (2) K. Baghyalakshmi, Indian Council of Agricultural Research, India.

OPTIMIZATION OF EFFICIENT PROTOCOL FOR *In vitro* MASS PROPAGATION OF SELECTED ACCESSIONS OF AVOCADO (*Persea americana*) MILL. BY AUXILIARY AND APICAL BUDS CULTURE

- (1) Lindomar Maria de Souza, Universidade Federal Rural de Pernambuco, Brazil.
- (2) K. Thangavel, Thiagarajar College, India.
- (3) Tiago Reis Dutra, Instituto Federal do Norte de Minas Gerais, Brazil.

NUTRITIONAL IMPROVEMENT IN WHEAT USING BIOTECHNOLOGY: A MINI REVIEW

- (1) Lucia Maria Jaeger De Carvalho, Rio De Janeiro Federal University, Brazil.
- (2) Muhammad Adnan, University of Sargodha, Pakistan.

MOLECULAR VERIFICATION OF SPECIES IDENTITY OF SOME ISOLATES OF THE GENUS *Fusarium* DEPOSITED IN THE PHYTOPATHOGEN COLLECTION IN UZBEKISTAN

- (1) Nasim Zarinpanjeh, Institute of Medicinal Plants, Iran.
- (2) M. M. V. Baig, Yeshwant Mahavidyalaya, India.

SOIL MICROBES, ORGANIC CARBON PROTECTION AND PLANT PRODUCTION IN CONSIDERATION WITH EARTHWORMS: A REVIEW

- (1) B. Kavitha, Bangalore University, India.
- (2) Annika Durve-Gupta, India.

MORPHOLOGICAL, BIOCHEMICAL AND INTRINSIC ANTIBIOTIC RESISTANCE OF RHIZOBIA ISOLATED FROM ROOT AND STEM NODULES OF VARIOUS LEGUMINOUS PLANTS

- (1) Karen Andreon Viçosi, Universidade Federal do Espírito Santo, Brazil.
- (2) Ahmed M. El-Sawah, Mansoura University, Egypt.

MYCORRHIZAL FUNGI AND FOLIAR FE FERTILIZATION IMPROVED SOIL MICROBIAL INDICATORS AND EGG PLANT YIELD IN THE ARID LAND SOILS

- (1) Giovanni de Oliveira Garcia, Federal University of Espírito Santo, Brazil.
- (2) María Belén Kraser, Universidad Nacional del Sur, Argentina.
- (3) Alhassan Idris Gabasawa, Ahmadu Bello University, Nigeria.

ELECTRO-CHEMICAL PROPERTIES OF A SUBMERGED SOIL: A REVIEW

- (1) Kadhim Fadhil Nasir, Al-Furat Al-Awsat Technical University, Iraq.
- (2) Wayan Budiarsa Suyasa, Udayana University, Indonesia.

EFFECT OF COBALT AND NICKEL ON GROWTH AND SOME PHYSIOLOGICAL ASPECTS OF MINT (*Mentha spicata*)

- (1) Aruna Rai, Mumbai University, India.
- (2) Dennis Amaechi, Veritas University, Nigeria.
- (3) Kaushal Kishore Choudhary, India.

APPLICATION OF GINGER AND CINNAMON IN POULTRY NUTRITION ON GROWTH PERFORMANCE: A REVIEW

- (1) Igwillo, Ugochukwu Clifford, Nigeria Natural Medicine Development Agency, Nigeria.
- (2) Mahmoud Bahmani, Ilam University of Medical Sciences, Iran.

BARLEY YIELD ANALYSIS IN THE RUSSIAN FEDERATION

- (1) Karima Mohamed El-Absy, Desert Research Center, Egypt.
- (2) Bhupen Kumar Baruah, JB College, India.

ANXIOLYTIC POTENTIAL OF MEDICINAL PLANTS-A REVIEW

- (1) Antonio Carlos Pereira de Menezes Filho, Goiano Federal Institute, Brazil.
- (2) T. Purushothaman, India.
- (3) Nelida Soria Rey, National University of Pilar, Paraguay.

FERMENTED SEAWEED (*Kappaphycus alvarezii*) BY-PRODUCT PROMOTES GROWTH AND DEVELOPMENT OF LETTUCE (*Lactuca sativa* VAR. CURLY GREEN)

- (1) Sviatoslav Pavlyshyn, University of Horticulture, Ukraine.
- (2) Indriyani Nur, Halu Oleo University, Indonesia.

A REVIEW ON DIVERSIFIED PROPERTIES OF VARIOUS MUSHROOM EXTRACT IN RECENT MARKET

- (1) Nina Artanti, Indonesian Institute of Sciences, Indonesia.
- (2) Murat Ozdal, Ataturk University, Turkey.
- (3) Yakup Kolcuoğlu, Karadeniz Technical University, Turkey.

PRODUCTIVE LONGEVITY OF LEGUMES IN PURE SWARDS AND MIXTURES WITH GRASSES

- (1) Ashay D. Souza, University of Agricultural Sciences Dharwad, India.
- (2) Paul Benyamin Timotiwu, University of Lampung, Indonesia.

ECO-FRIENDLY APPROACH TO THE MANAGEMENT OF *Oidium mangiferae* OF MANGO THROUGH BIOLOGICAL CONTROL: A REVIEW

- (1) Md. Nazmul Hoque Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Bangladesh.
- (2) Mena Waleed Hatem, Baghdad University, Iraq.

METHODS OF PROPAGATION OF GUAVA (*Psidium guajava*): A REVIEW

- (1) Maria de Mascena Diniz Maia, Rural Federal University of Pernambuco, Brazil.
- (2) Bruno Severo Gomes, Universidade Federal de Pernambuco, Brazil.

A REVIEW ON PHYTOCHEMICAL AND PHARMACOLOGICAL PROFILE ON *Curculigo orchioides*

- (1) Ounaissia Karima, University of Annaba, Algeria.
- (2) Iquo Asu Takon, University of Calabar, Nigeria.

CROP PRODUCTION UNDER DROUGHT: PLANT RESPONSES AND MANAGEMENT OPTIONS

- (1) Fathy Mohamed Abdou El-Saadony, Zagazig University, Egypt.
- (2) Maryam Afrousheh, Pistachio Research Centre, Turkey.
- (3) Dusit Athinuwat, Thammasat University, Thailand.

A MINI REVIEW ON HEALTH BENEFITS OF GINGER (*Zingiber officinale*)

- (1) Rafael Urralde, University of Madrid, Spain.
- (2) Joyce Silva dos Santos, University of Brasília, Brazil.
- (3) Valéria Priscila de Barros, Universidade Federal de Sergipe, Brazil.

OSMOTIC RESTORATION HELPS PROTEIN REHABILITATION IN RICE BY THE NOVEL APPLICATION OF NANOPARTICLES

- (1) Oscar Portillo Moreno, Benemerita Universidad Autonoma de Puebla, Mexico.
- (2) Jurandi Nery Pereira Filho, State University, Bahia, Brazil.

EFFECT OF DIFFERENT COLOUR SHADE NETS AND SUBSTRATES DURING ACCLIMATIZATION ON MICRO-PROPAGATED BANANA PLANTLETS (*Musa* spp.) IN DIFFERENT SEASONS

- (1) Haleemah Jabbar Al-Aradi, University of Basrah, Marine Science Center, Iraq.
- (2) Tilahun Rabuma Diriba, Guru Jambheshwar University of Science and Technology, India.