

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

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2020 - Volume 21 [Issue 1]

Isolation and Characterization of an Amide, (2S)-2-Hydroxy-N-((3R,4R)-1,3,4-Trihydroxytridecan-2-yl)undecamide, from the Root Bark of Ficus exasperata (Vahl)

DOI: 10.9734/IRJPAC/2020/v21i130144

- (1) Kartika Rathore, Jai Narain Vyas University, India.
- (2) B. C. Revansiddappa, NITTE University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/49162>

Determination of Organophosphorus Pesticide Residues in Winter Bamboo Shoots by Homogenate Extraction Coupled with Gas Chromatography-Flame Photometric Detector

DOI: 10.9734/IRJPAC/2020/v21i130145

- (1) Hideharu Shintani, Chuo University, Japan.
- (2) Daniela Hanganu, Iuliu Hatieganu University of Medicine and Pharmacy, Romania.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/54761>

Development of High Oxygen Barrier Multi-layered Packaging Film for Shelf Life Extension of Ready-to-Cook (RTC) Idli Batter

DOI: 10.9734/IRJPAC/2020/v21i130146

- (1) Vikramjit Kaur Zhawar, Punjab Agricultural University, India.
- (2) Deepika Kohli, Maharana Pratap University of Agriculture and Technology, Udaipur, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/54882>

Soil Fertility Status and Nutrient Index in Different Tasar Silkmoth Host Plants Growing Ecosystems of Purulia District, West Bengal, India

DOI: 10.9734/IRJPAC/2020/v21i130147

- (1) Michael Adigun, Crawford University, Nigeria.
- (2) Ningappa. M. Rolli, BLDEA's Degree College, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/54152>

Albumin/Ag Nanoparticles Synthesized by Using UV-Irradiation and Estimation of Their Antibacterial Activity

DOI: 10.9734/IRJPAC/2020/v21i130148

- (1) Corciova Andreia, University of Medicine and Pharmacy "Grigore T. Popa", Romania.
- (2) Ageng Trisna Surya Pradana Putra, State Islamic University Sultan Maulana Hasanuddin of Banten, Indonesia.
- (3) Murthy CH, Vignan's Foundation for Science, Technology and Research (Deemed to be University) and Noorul Islam University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/54133>

Effect of PP Nanocomposite Multi-layered Film on Physicochemical Properties of Ready-To-Cook (RTC) Idli Batter and Prepared Idli Cake

DOI: 10.9734/IRJPAC/2020/v21i130149

- (1) O. Okpo, Ngozi, Federal College of Agricultural, Nigeria.
- (2) Xochitl Ruelas-Chacon, Universidad Autonoma Agraria Antonio Narro, Mexico.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/55069>

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Removal of Cadmium (II) Ions from Synthetic Wastewaters by Alginate – Immobilized Penicillium sp Biomass

DOI: 10.9734/IRJPAC/2020/v21i230150

- (1) Er. Islamuddin, Babasaheb Bhimrao Ambedkar Central University, India.
- (2) Mostafa Mostafa Abo Elsoud, National Research Centre, Egypt.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/54895>

DFT Study of the Coordination of N-monochlorosubstituted Derivatives of the N-deprotonated Tautomer of the Biguanide

DOI: 10.9734/IRJPAC/2020/v21i230151

- (1) Nobuaki Tanaka, Shinshu University, Japan.
- (2) Ochieng O. Anthony, Sumait University, Tanzania.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/54821>

Response of Safflower to Foliar Application of Micronutrient Mixture

DOI: 10.9734/IRJPAC/2020/v21i230152

- (1) Hanuman Singh Jatav, S.K.N. Agriculture University, India.
- (2) Paul Kweku Tandoh, Kwame Nkrumah University of Science and Technology, Ghana.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/55228>

Effect of Singeing Materials on Distribution of Some Metals in Liver and Kidney Samples of Capra aegagrus hircus Slaughtered in Uyo Village Road Abattoir in Niger Delta Region of Nigeria and Health Risk Assessment

DOI: 10.9734/IRJPAC/2020/v21i230153

- (1) Kaywood Elijah Leizou, Niger Delta University, Nigeria.
- (2) Arinze O. Uche, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/55112>

Effect of Various Sources of Zinc and Iron on Grain Yield, Nutrient Uptake and Quality Parameters of Finger Millet (Eleusine coracana L.)

DOI: 10.9734/IRJPAC/2020/v21i230154

- (1) Abdul Khuddus, Vasantrao Naik Marathwada Krishi Vidyapeeth, India.
- (2) Paul Kweku Tandoh, Kwame Nkrumah University of Science and Technology, Ghana.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/54958>

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Effect of Woven Jute Agro Textile Mulch on Soil Health and Productivity of Banana (Musa domestica L.) in New Alluvial Soil

DOI: 10.9734/IRJPAC/2020/v21i330155

- (1) Aba-Toumou Lucie, University of Bangui, Central African Republic.
- (2) Isaac Ola Oladipo, Federal Polytechnic Ado Ekiti, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/54864>

Assessments of Quality Index of River Getsi Irrigation Water in Kano Metropolis, Nigeria

DOI: 10.9734/IRJPAC/2020/v21i330156

- (1) Sangoremi, Anthony Abidemi, Federal University Otuoke, Nigeria.
 - (2) Paul Kweku Tandoh, Kwame Nkrumah University of Science and Technology, Ghana.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55209>

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DOI: 10.9734/IRJPAC/2020/v21i330157

- (1) Regina Jeziorska, Łukasiewicz Research Network - Industrial Chemistry Institute, Poland.
 - (2) Paul Kweku Tandoh, KNUST, Ghana.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/54999>

Induction of Systemic Resistant Molecules in Phylloplane of Rice Plants against *Magnaporthe oryzae* by *Pseudomonas fluorescens*

DOI: 10.9734/IRJPAC/2020/v21i330158

- (1) Guinagui N'Doua Bertrand, Félix Houphouët-Boigny University, Côte D'ivoire.
 - (2) Ningappa M. Rolli, Bidea's Degree College, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/54983>

Chemical Synthesis of Silver Nanoparticles Using Tri-sodium Citrate, Stability Study and Their Characterization

DOI: 10.9734/IRJPAC/2020/v21i330159

- (1) Ekane Peter Etape, University of Buea, Cameroon.
 - (2) Kevin C. Cannon, Penn State Abington College, USA.
 - (3) Ageng Trisna Surya Pradana Putra, Sultan Maulana Hasanuddin State Islamic University, Indonesia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55386>

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Antioxidant Activities of Extracts from Celery Leaves (*Apium Graveolens* L) Grown in Jos, Nigeria

DOI: 10.9734/IRJPAC/2020/v21i430160

- (1) Orororo, Osuvwe Clement, Edwin Clark University, Nigeria.
 - (2) Senthil Rajan, Swamy Vivekanandha College of Pharmacy, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55470>

Extracting and Studying the Factors Affecting the Tanning Material in the Garad Pods

DOI: 10.9734/IRJPAC/2020/v21i430161

- (1) Himanshu Dehra, India.
 - (2) Venkata Sanyasi Seshendra Kumar Karri, GITAM University, India.
 - (3) Qian Li, Central South University, China.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55621>

Relative Change in Yields and Nutrient Uptake of Black Gram under Different Doses and Sources of Boron

DOI: 10.9734/IRJPAC/2020/v21i430162

- (1) M. L. Dotaniya, ICAR-Directorate of Rapeseed-Mustard Research, India.
 - (2) Kujawska Justyna, Lublin University of Technology, Poland.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55823>

Synthesis, Anti-microbial, Flameretardance and Anti-corrosive Activity of Some New Heterocycles Incorporating Coumarin moiety

DOI: 10.9734/IRJPAC/2020/v21i430163

- (1) Afzal Basha Shaik, Vignan Pharmacy College, India.
 - (2) Meenakshi Deodhar, S. G. R.S. College of Pharmacy, India.
 - (3) Abdelilah Benallou, University Chouaib Doukkali, Morocco.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55722>

Evaluation of Two Kurdistan-Iraq Crude Oil (T-21A, PF2) by Derivatographic Method

DOI: 10.9734/IRJPAC/2020/v21i430164

- (1) Ajoko Tolumoye John, Niger Delta University, Nigeria.
 - (2) Abdelilah Benallou, University Chouaib Doukkali, Morocco.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55635>

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Accumulation of Heavy Metals by Vegetables Grown in Kembu Farms, Gombe, Nigeria

DOI: 10.9734/IRJPAC/2020/v21i530165

- (1) Kaywood Elijah Leizou, Niger Delta University, Nigeria.
 - (2) Adefarati Oloruntoba, Bioresources Development center, Nigeria.
 - (3) Michael Akrofi Anang, University of Cape Coast, Ghana.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55721>

Comparing the Efficiencies of the Removal of Cadmium from Industrial Wastewater Using Zeolites

DOI: 10.9734/IRJPAC/2020/v21i530166

- (1) Sayed Rashad Ahmed, Cairo University, Egypt.
 - (2) Krzysztof Piotrowski, Silesian University of Technology Gliwice, Poland.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55840>

Performance of Direct Seeded Rice under Integrated Nutrient Management Practices in Old Alluvial Soils of West Bengal

DOI: 10.9734/IRJPAC/2020/v21i530167

- (1) Chemutai Roseline, Bukalasa Agricultural College, Uganda.
 - (2) Venkata Sanyasi Seshendra Kumar Karri, GITAM University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55734>

Carbon Nanotubes for Removal of Fast Green Dye

DOI: 10.9734/IRJPAC/2020/v21i530168

- (1) Junsheng Liu, Hefei University, China.
 - (2) Muhammad Raziq Rahimi Kooh Chern Yuan, Universiti Brunei Darussalam, Brunei.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/56139>

Minor Millets: A Power House of Nutrients

DOI: 10.9734/IRJPAC/2020/v21i530169

- (1) Rajaa Seghiri, Ibn Tofail University, Morocco.
 - (2) Eray Tulukcu, University of Selcuk, Turkey.
 - (3) Sazelin Arif, Universiti Teknikal Malaysia Melaka (UTeM), Malaysia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/56150>

Nutrient Uptake and Soil Fertility Status under Different Cropping Systems for Integrated Farming Systems of Telangana State, India

DOI: 10.9734/IRJPAC/2020/v21i630170

- (1) Jimmy Walter Rasche Alvarez, Universidad Nacional de Asunción, Paraguay.
 - (2) Bhaskara Phaneendra, India.
 - (3) Jacob Omondi Omollo, Kenya Agricultural and Livestock Research Organization, Kenya.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55915>

Effect of Natural, Organic and Inorganic Farming Methods on Microorganisms and Enzymes Activity of Maize Rhizosphere

DOI: 10.9734/IRJPAC/2020/v21i630171

- (1) Rasha Mohamed Elmeihy, Benha University, Egypt.
 - (2) Moataz Eliw, Al-Azhar University, Egypt.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55808>

Effect of Pusa Hydrogel and Plant Growth Regulators on Vegetative Growth, Flowering and Fruiting of Strawberry (Fragaria x ananassa Dutch) Cv. Chandler

DOI: 10.9734/IRJPAC/2020/v21i630172

- (1) Said A. Saleh, National Research Centre, Egypt.
 - (2) Satish Babulal Jadhav, Balbhim College, India.
 - (3) Miguel Aguilar Cortes, Universidad Autónoma del Estado De Morelos, México.
 - (4) Ahmed Abdel-Latef Mohamed El-Metwally, Al-Mansoura University, Egypt.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/56436>

TiO₂ Nanoparticles Enhancing Germination, Growth and Yield of Rice

DOI: 10.9734/IRJPAC/2020/v21i630173

- (1) Mekhloufi Moulai Brahim, Nouri Bachir El-Bayadh University, Algeria.
 - (2) Delian Elena, University of Agronomical Sciences and Veterinary Medicine from Bucharest, Romania.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/56367>

Ion Exchange: The Most Important Chemical Reaction on Earth after Photosynthesis

DOI: 10.9734/IRJPAC/2020/v21i630174

- (1) Amilton Barbosa Botelho Junior, University of Sao Paulo, Brazil.
 - (2) Paul Kweku Tandoh, KNUST, Ghana.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/56798>

Oxygen Functionalized and Pristine Carbon Nanotubes Efficiency for Adsorption of Methyl Orange Dye

DOI: 10.9734/IRJPAC/2020/v21i730175

- (1) Julian Cruz-Olivares, Autonomous University of State of Mexico, Mexico.
 - (2) Manohar V. Lokhande, Sathaye College, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/56910>

Determination of Nutritional Content of Spondias Species from the Eastern Himalaya

DOI: 10.9734/IRJPAC/2020/v21i730176

- (1) Eray Tulukcu, University of Selcuk, Turkey.
 - (2) Lucia Maria Jaeger De Carvalho, Universidade Federal do Rio de Janeiro, Brasil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/56669>

Distribution and Health Risk Assessment of Phthalate Acid Esters in Bottled Drinking Water from Selected Brands in Delta State, Southern Nigeria

DOI: 10.9734/IRJPAC/2020/v21i730177

- (1) Oguh, Collins Egwu, University of Nigeria Nsukka, Nigeria.
 - (2) Adeyeye, Samuel Ayofemi Olalekan, Ton Duc Thang University, Vietnam.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57162>

Physicochemical and Trace Metals Characterization of Edible Vegetable Oils

DOI: 10.9734/IRJPAC/2020/v21i730178

- (1) Sandeep Singh, Punjabi University, Patiala, India.
 - (2) Haq Nawaz, Bahauddin Zakariya University, Pakistan.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/56822>

Biochemical Analysis for Rice Germplasm Lines for Combat against Yellow Stem Borer, Scirpophaga incertulas: Implication for Varietal Selection of Rice in India

DOI: 10.9734/IRJPAC/2020/v21i730179

- (1) Oteyami Alaye H. Magloire Firmin, University of Abomey-Calavi, Benin.
 - (2) Aba-Toumno Lucie, University of Bangui, Central African Republic.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/56892>

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DOI: 10.9734/IRJPAC/2020/v21i730180

- (1) Adeyeye, Samuel Ayofemi Olalekan, Ton Duc Thang University, Vietnam.
 - (2) Rosa Perestrelo, Universidade da Madeira, Portugal.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57165>

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DOI: 10.9734/IRJPAC/2020/v21i730181

- (1) Zvonko Pacanoski, The Republic of Macedonia.
 - (2) Md. Moshir Rahman, Bangladesh Agricultural University, Bangladesh.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57437>

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DOI: 10.9734/IRJPAC/2020/v21i730182

- (1) Julyus Melvin Mobilik, Universiti Malaysia Sarawak, Malaysia.
 - (2) K. D. Mini, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57321>

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DOI: 10.9734/IRJPAC/2020/v21i830183

- (1) S. Muthuramu, Tamil Nadu Agricultural University, India.
 - (2) Hari Prakash Meena, ICAR-Indian Institute of Oilseeds Research, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57447>

Extraction and Characterization of Oil from Sorrel (Yakuwa Seed) Hibiscus sabdariffa

DOI: 10.9734/IRJPAC/2020/v21i830184

- (1) Akpe, Michael Akomaye, University of Calabar, Nigeria.
 - (2) Uchendu, Mbah Okuwa, Michael Okpara University of Agriculture, Nigeria.
 - (3) S. Murugesan, University of Madras, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/47365>

Synthesis and IR Characterization of Activated Carbon Acid Catalysts from Cassava Peels and their Use in Esterification of Free Fatty Acid in Palm Kernel oil

DOI: 10.9734/IRJPAC/2020/v21i830186

- (1) Christos N. Panagopoulos, National Technical University of Athens, Greece.
 - (2) Abdu Muahammad Bello, Kano University of Science and Technology Wudil, Nigeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57319>

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DOI: 10.9734/IRJPAC/2020/v21i830187

- (1) Tiago D. L. Morim Pereira de Matos, University of Lisbon, Portugal.
 - (2) Sebastião de Oliveira e Silva, Postgraduate in Plant Genetic Resources, Portugal.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57788>

Impact of Tillage and Residue Management on Hydro-physical Properties of Clay Soil under Rice-wheat Cropping System in Indo-Gangetic Plains of India

DOI: 10.9734/IRJPAC/2020/v21i830188

- (1) S. J. Leghari, Sindh Agriculture University, Pakistan.
 - (2) Juan Carlos Valdez Sandoval, Research Institute in Animal Science & Ecohealth, USAC, Guatemala.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57248>

Comparative Phytochemical and in vitro Antioxidant Screening of the Root and Stem Bark of Annona muricata Linn

DOI: 10.9734/IRJPAC/2020/v21i830189

- (1) Logmo Mahi, The University of Yaoundé 1, Cameroon.
 - (2) Vijay S. Borkar, Rajarshi Shahu College of Pharmacy, India.
 - (3) Pinkie Cherian, MG University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57686>

Impact of Pb-Zn Mining on Heavy Metal Levels in Soil from Arufu Mine Field, Wukari, Nigeria

DOI: 10.9734/IRJPAC/2020/v21i830190

- (1) Adefarati Oloruntoba, Bioresources Development Agency, Nigeria.
 - (2) Hanuman Singh Jatav, S.K.N. Agriculture University-Jobner, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/55248>

Studies on the Protein Status of White and Brown Rice Grain in Selected Varieties Cultivated in and around Tiruchirappalli District of Tamil Nadu

DOI: 10.9734/IRJPAC/2020/v21i830191

- (1) Muhammad Ali, Bacha Khan University, Pakistan.
 - (2) Ayed Sourour, University of Carthage, Tunisia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57670>

Evaluation of Functional Characteristics and Reconstitution Behavior of Formulated Ready to Reconstitute Enteral Formula for Nutrition Therapy

DOI: 10.9734/IRJPAC/2020/v21i830203

- (1) Patricia Savino, Academia Nacional de Medicina, Colombia.
 - (2) Jose Henrique Da Silva, University of Sao Paulo, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/58248>

Effect of Straw Biochar on Soil Acidity and Phosphorus Nutrition in Wheat

DOI: 10.9734/IRJPAC/2020/v21i930192

- (1) Johana E. Delgado, India.
 - (2) Alessandra Da Róz, Ciência e Tecnologia de São Paulo, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57823>

Evaluation of Cherry Tomato Genotypes for Qualitative Traits under Open Field and Protected Condition

DOI: 10.9734/IRJPAC/2020/v21i930194

- (1) Huanxiu Li, Sichuan Agricultural University, China.
 - (2) Bhupen K. Baruah, JB College, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57018>

Total and Available Micronutrient Status in Soils of Derived Savanna Ecology of Oyo State, Nigeria

DOI: 10.9734/IRJPAC/2020/v21i930195

- (1) Stavarache Carmen, "C. D. Nenitescu" Institute of Organic Chemistry, Romania.
 - (2) Adeyeye, Samuel Ayofemi Olalekan, Ton Duc Thang University, Vietnam.
 - (3) Pawel Pohl Wroclaw, University of Science and Technology, Poland.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57196>

Customized Fertilizers- All in One a Review

DOI: 10.9734/IRJPAC/2020/v21i930196

- (1) Anwaar Mohyuddin, Quaid i Azam University, Pakistan.
 - (2) María Lorena Castrillo, Universidad Nacional de Misiones, Argentina.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57500>

Chemistry of Indoor Pollutants and Their Impacts on Human Health

DOI: 10.9734/IRJPAC/2020/v21i930197

- (1) Bilash Chandra Roy, ICFAI University, India.
 - (2) Irwan Suriaman, Indonesia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57504>

Quality and Economics of Bt Cotton as Influenced by Compost, Organic and Inorganic Fertilisers

DOI: 10.9734/IRJPAC/2020/v21i930198

(1) Monier Morad Wahba, National Research Centre, Egypt.

(2) Brintha Karunaratna, Eastern University, Sri Lanka.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/57669>

Seasonal Trend of Polyaromatic Hydrocarbons (PAHs) in Sediments from River Ethiope in the Niger Delta Region of Southern Nigeria

DOI: 10.9734/IRJPAC/2020/v21i930199

(1) A. A. Prasannakumari, Jawaharlal Nehru Tropical Botanic Garden and Research Institute, India.

(2) Vishnupriya Benaltraja, Kongunadu Arts and Science College, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/58256>

Electrochemically Activated Water – Anolyte. Nascent Oxygen

DOI: 10.9734/IRJPAC/2020/v21i930200

(1) Sadig Kuliye, Turkey.

(2) Mghaiouini Redouane, Hassan II University, Morocco.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/58080>

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Sensory and Nutritional Properties of Protein Enriched Biscuits

DOI: 10.9734/IRJPAC/2020/v21i1030201

(1) Tolulope Precious Alakeji, Ladoko Akintola University of Technology, Nigeria.

(2) Tadesse Fikre Teferra, Hawassa University, Ethiopia.

(3) Satish Kumar Pathak, Banaras Hindu University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/57934>

Grain Zinc Phytic Acid and Nutrient Uptake in Common Bean is Influenced by Sources and Concentrations of Zinc Fertilization

DOI: 10.9734/IRJPAC/2020/v21i1030202

(1) Myslyuk Olga, Cherkasy State Technological University, Ukraine.

(2) Lessandro De Conti, Instituto Federal de Educação, Ciência e Tecnologia Farroupilha, Brazil.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/57689>

Effect of Bio-fertilizers on Growth, Yield and Quality Traits of Onion (Allium cepa L.)

DOI: 10.9734/IRJPAC/2020/v21i1030204

(1) Dodo Juliet Dingsen, University of Jos, Nigeria.

(2) Julian Gonzalez Trinidad, Autonomous University of Zacatecas, Mexico.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/56914>

Soil Mineral and Nitrate Nitrogen, Plant N Uptake, N Use Efficiencies and Yield as Influenced by Tillage and Nitrogen Management under Wheat Crop in Sub-Tropical Eastern India

DOI: 10.9734/IRJPAC/2020/v21i1030205

(1) Anca-Rovena Lăcătușu, ICPA Bucharest, Romania.

(2) O. A. Tsyuk, National University of Life and Environmental Sciences of Ukraine, Ukraine.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/58534>

Effect of Foliar Feeding of Gluconate and EDTA Chelated Plant Nutrients on Yield, Chlorophyll Content and Nitrate Reductase Enzyme of Bt Cotton under Rainfed Ecosystem of Marathawada

DOI: 10.9734/IRJPAC/2020/v21i1030206

(1) Monier Morad Wahba, National Research Centre, Egypt.

(2) Jamal Bakhshi, Islamic Azad University, Iran.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/57716>

Soil Persistence of Diuron Applied to Cotton Cultivation in Red and Black Soils

DOI: 10.9734/IRJPAC/2020/v21i1030207

(1) Ricardo Alberto Morales Vargas, University of Costa Rica, Costa Rica.

(2) Neelam Bisen, Rani Lakshmi Bai Central Agricultural University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/57901>

Principal Component Analysis on Soil Fertility Parameters of Vegetable Growing Panchayats/ Locations in Ernakulam District of Kerala

DOI: 10.9734/IRJPAC/2020/v21i1030208

(1) Ismael Ramza Haman, University of Ngaoundere, Cameroon.

(2) Aliyu Danladi, Gombe State University, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/58410>

Sulphur in Soils and Plants: An Overview

DOI: 10.9734/IRJPAC/2020/v21i1030209

(1) S. Sridevi, Professor Jayashankar Telangana State Agricultural University, India.

(2) Musa V. Dlamini, University of Eswatini, Kingdom of Eswatini.

(3) I. Gede Ketut Adiputra, University of Hindu Indonesia, Indonesia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/58064>

A Survey of Concentrations and Source Characterization of Polycyclic Aromatic Hydrocarbons in Surface Waters of the Imiringi River System

DOI: 10.9734/IRJPAC/2020/v21i1030210

(1) Francisco Arenas-Huertero, Hospital Infantil de México Federico Gómez, Mexico.

(2) Raaz K. Maheshwari, SBRM Govt PG College, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/58478>

Assessment of Surface Water Contamination by Heavy Metals Due to Agricultural Practices in the Northern Part of Burkina Faso

DOI: 10.9734/IRJPAC/2020/v21i1030211

(1) Dr. E. Parameswari, Tamil Nadu Agricultural University, India.

(2) Yalçın Tepe, Giresun University, Turkey.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/58319>

The Problem of Expansion in Erosion and Sedimentation Extensions of Drinking Water in Libya: A Case Study of Kufra City

DOI: 10.9734/IRJPAC/2020/v21i1030212

(1) Obagboye Fredrick, University in Akure, Nigeria.

(2) Raghavendra N, PC Jabin Science College, Hubli, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/58694>

A New Zinc-based Metal Organic Framework as a Stationary Phase for Thin Layer Chromatography

DOI: 10.9734/IRJPAC/2020/v21i1030213

- (1) Janmajoy Banerjee, Gitanjali College of Pharmacy, Affiliated To Makaut, India.
 - (2) Subhasish Chaudhuri, Forensic Science Laboratory and Research Institute, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/58911>

Investigation of the Physico-Chemical Absorption Characterizations of Jute Polymer Clay Nanocomposites as a Function of Chemical Treatments

DOI: 10.9734/IRJPAC/2020/v21i1030214

- (1) Hammad Younes, Khalifa University, UAE.
 - (2) Hector Aguilar-Bolados, Universidad de Chile, Chile.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/58813>

Alkali-catalyzed Transesterification of Hibiscus sabdariffa (Roselle) Seed Oil for Biodiesel Production

DOI: 10.9734/IRJPAC/2020/v21i1030215

- (1) Alisson V. Julio, Universidade Federal de Itajubá, Brazil.
 - (2) G. Sai Krishnan, Anna University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/58636>

Synthesis and Characterization of 1-phenyl-3-methyl-4-stearoylpyrazol-5-one and Its Lanthanum(III) and Tungsten(VI) Complexes

DOI: 10.9734/IRJPAC/2020/v21i1030216

- (1) PipatChooto, Prince of Songkla University, Thailand.
 - (2) S. Satyanarayana, R. V. College of Engineering, India.
 - (3) TadeuszMichałowski, Cracow University of Technology, Poland.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/57347>

Effect of Integrated Nutrient Management on Fruit Yield and Quality of Peach (*Prunus persica* L. Batsch) cv. July Elberta

DOI: 10.9734/IRJPAC/2020/v21i1030217

- (1) Yu Yanghua, Guizhou Normal University/State Engineering Technology Institute for Karst Decertification Control, China.
 - (2) Mahdi Sadeghi Pour Marvi, Agricultural and Natural Resources Research and Educational Center of Tehran Province, Agricultural Research, Education and Extension Organization (AREEO), Iran.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/58628>

Study on Physico-chemical Properties and Fertility Status of Salt Affected Soils of Central Dry Zone of Karnataka, Hiriyr Taluk

DOI: 10.9734/IRJPAC/2020/v21i1030218

- (1) Adamu Yunusa Ugya, Kaduna State University, Nigeria.
 - (2) Umeha, University of Mysore, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/58709>

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Sensory Profiling of Pulp Fruits Based Ready to Reconstitute Little Millet Smoothies

DOI: 10.9734/IRJPAC/2020/v21i1130219

- (1) Xochitl Ruelas-Chacon, Universidad Autonoma Agraria Antonio Narro, Mexico.
 - (2) Coldea Teodora Emilia, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/56302>

Carbon Sequestration Potential of Oil Palm Plantations in Tamil Nadu Regimes, India

DOI: 10.9734/IRJPAC/2020/v21i1130220

- (1) Pei Sun Loh, Zhejiang University, China.
 - (2) Jaime Espinosa-Tasón, Instituto de Investigación Agropecuaria de Panamá, Panamá.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/59094>

Effect of Levels of Coconut Shell Biochar and Farm Yard Manure on Soil Properties under Upland Rice Cultivation

DOI: 10.9734/IRJPAC/2020/v21i1130221

- (1) Valmir Felix de Lima, Universidade Federal de Pernambuco, Brazil.
 - (2) Alexandre Ricardo Pereira, Universidade Federal de Pernambuco, Brasil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/59301>

Phytochemical Screening, Chemical Composition and Antimicrobial Activity of Cinnamon verum Bark

DOI: 10.9734/IRJPAC/2020/v21i1130222

- (1) Pinkie Cherian, M.G. University, India.
 - (2) R. Arun Kumar, Centre for Research and Development (CRD) PRIST Deemed to be University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/59047>

Green Tamarind Extract Catalyzed Synthesis of 4-Amino-1,2,4-Triazole Derivatives and Their In-vitro Antimicrobial Activity

DOI: 10.9734/IRJPAC/2020/v21i1130223

- (1) Obagboye Fredrick Oluwole, Federal University of Technology, Nigeria.
 - (2) G. Nithya, Vels Institute of Science, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/59266>

Recent Status of Global Polychlorinated Biphenyls Contamination

DOI: 10.9734/IRJPAC/2020/v21i1130224

- (1) Cristiane Barata Silva, National Institute Quality Control in Health-INCQS, Brazil.
 - (2) Ali Alkhafaji, Al-Muthanna University, Iraq.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/59135>

Methodologies of Removal of Dyes from Wastewater: A Review

DOI: 10.9734/IRJPAC/2020/v21i1130225

- (1) Mohamed Nazih Abdallah, Institute of Sanitary and Environmental Engineering, Housing and Building National Research Center (HBRC), Egypt.
 - (2) Raquel Simas Pereira Teixeira, Federal University of Rio de Janeiro, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/60138>

Studies on Storage Quality Evaluation of Dried Wild Pomegranate Arils (Anardana) Prepared in Mechanical Cabinet Drier

DOI: 10.9734/IRJPAC/2020/v21i1130226

- (1) Rahayu Kusuma Pratiwi, Udayana University, Indonesia.
 - (2) Dil Raj Yadav, Nepal Agricultural Research Council, Nepal.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/59361>

Nutrient Budgeting of Primary Nutrients and Their Use Efficiency in India

DOI: 10.9734/IRJPAC/2020/v21i1130227

(1) Dr. Hao-Yang Wang, Shanghai Institute of Organic Chemistry, China.

Reviewers:

(1) Olajide Ayodele Sadiku, University of Ibadan, Nigeria.

(2) Moses M. Ngeiywa, University of Eldoret, Kenya.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/59589>

Mapping of Soil Micronutrients (Fe, Mn, Cu, Zn) in the Transition Zone of Northwestern Foothill of Shivaliks of Kathua District Using GIS

DOI: 10.9734/IRJPAC/2020/v21i1130228

(1) Abiodun Daniel Olabode, Adekunle Ajasin University, Nigeria.

(2) Girma Kibatu Berihie, Bahir Dar University, Ethiopia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/59485>

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Effect of Organic Mulching and Early Post Emergence Herbicides on Weed Dynamics and Growth of Unpuddled Transplanted Rice

DOI: 10.9734/IRJPAC/2020/v21i1230229

(1) Ungata Triveni, Acharya N. G. Ranga Agricultural University, India.

(2) Kowthar Gad Aly El-Rokiek, National Research Centre, Egypt.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/59188>

Study on Standardization of Technology for Development of Preserve from Ripe Pumpkin (*Cucurbita moschata*)

DOI: 10.9734/IRJPAC/2020/v21i1230231

(1) Abdelkrim Rebiai, University of Echahid Hamma Lakhdar, Algeria.

(2) Ramadhansyah Putra Jaya, Universiti Malaysia Pahang, Malaysia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/60244>

Standardization of Recipe for the Preparation of Wild Jamun Squash: Effect of Packaging Materials and Temperature Conditions on Nutritional Quality during Storage

DOI: 10.9734/IRJPAC/2020/v21i1230232

(1) Giulian César Da Silva Sá, Universidade Federal do Rio Grande do Norte, Brazil.

(2) Aumreetam Dinabandhu, National Institute for Plant Biotechnology, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/59757>

Dissipation Kinetics of Carbofuran in the Soil and Its Residues in Sugarcane

DOI: 10.9734/IRJPAC/2020/v21i1230233

(1) Jarina Joshi, Tribhuvan University, Nepal.

(2) Alexandre Campelo de Oliveira, Federal Rural University of Pernambuco, Brazil.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/59964>

Appraisal of Public Pipe-borne Water Quality in Jimeta/Yola Adamawa State (Nigeria): From the Treatment-plants to End-user Points

DOI: 10.9734/IRJPAC/2020/v21i1230234

(1) Ihsan Jabbar Hasan, Middle Technical University, Iraq.

(2) Protima Sarker, Noakhali Science and Technology University, Bangladesh.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/60235>

Role of Ascorbate–Glutathione (AsA–GSH) Pathways in Phytophthora Leaf Blight Disease Resistance in Taro (*Colocasia esculenta* L. Schott)

DOI: 10.9734/IRJPAC/2020/v21i1230240

(1) Natalia Statsyuk, All-Russian Research Institute of Phytopathology, Russia.

(2) Muhammad Mohsin, National Institute for Biotechnology and Genetic Engineering, Pakistan.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/60503>

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Development of Instant Chutney Powder with Incorporation of Blanched Carrot and Green Leafy Vegetable Powders

DOI: 10.9734/IRJPAC/2020/v21i1330235

(1) Maria Luiza Pinto da Silva, Tiradentes University (UNIT), Brazil.

(2) Ojo Funmilola Mabel, Olusegun Agagu University of Science and Technology, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/60190>

Effect of Pyrolysis Temperature and Residence Time on Bio-char Obtained from Pyrolysis of Shredded Cotton Stalk

DOI: 10.9734/IRJPAC/2020/v21i1330236

(1) Joshua O. Ighalo, University of Ilorin, Nigeria.

(2) Deana Qarizada, Jawzjan University, Afghanistan.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/59927>

Effect of Organics and Chemical Fertilizers on Soil Organic Carbon Distribution in a Typic Ustifluvents

DOI: 10.9734/IRJPAC/2020/v21i1330237

(1) Alexandre Ricardo Pereira Schuler, Universidade Federal de Pernambuco, Brasil.

(2) Valmir Felix de Lima, Federal University of Pernambuco, Brazil.

(3) Bruna de Freitas Iwata, Federal Institute of Piaui, Brazil.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/60135>

Available Sulphur Status in Soybean Growing Areas of Northern Telangana Zone

DOI: 10.9734/IRJPAC/2020/v21i1330238

(1) Girijesh Singh Mahra, ICAR-Indian Agricultural Research Institute, India.

(2) Anton Sotirov, Bulgaria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/60145>

Organoleptic and Nutritional Evaluation of Value Added Noodles from Amaranth Seed Flour

DOI: 10.9734/IRJPAC/2020/v21i1330239

(1) Jaka Frianto Putra Palawe, Nusa Utara State of Polytechnic, Republic of Indonesia.

(2) Patrícia Matos Scheuer, Federal Institute of Santa Catarina, Brazil.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/60076>

Physical Characteristics of Soil as Influenced by Integrated Organic Nutrient Management Practices - A Review

DOI: 10.9734/IRJPAC/2020/v21i1330241

(1) Lavrenko Sergiy, Kherson State Agrarian University, Ukraine.

(2) Adéyèmi Clément Kouchade, University of Abomey, Bénin.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/60177>

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Extraction, Characterization and Preparation of Soap from *Legenaria siceraria* Seed Oil

DOI: 10.9734/IRJPAC/2020/v21i1430242

- (1) João Henrique Dantas, Estate University of Maringá, Brazil.
 - (2) Mohammed Hassan Jabal, University of Technology, Iraq.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/58842>

Fertility Status of Groundnut Growing Calcareous Vertisols of Dharwad District, Karnataka

DOI: 10.9734/IRJPAC/2020/v21i1430243

- (1) Oliver E. Ngwu, Enugu State University of Science and Technology, Nigeria.
 - (2) Kwabena Owusu Ansah, Csir-Animal Research Institute, Ghana.
 - (3) R. O. Adegbenro, Obafemi Awolowo University, Nigeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/60156>

Bio-stimulants: Potential and Prospects in Agriculture

DOI: 10.9734/IRJPAC/2020/v21i1430244

- (1) Nain Peralta Antonio, Instituto Nacional de Investigaciones Forestales, Agrícolas y Pecuarias (INIFAP), Mexico.
 - (2) Juan Manuel Soto Parra, Autonomous University of Chihuahua, Chihuahua, Mexico.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/60331>

Assessment of Heavy Metals and Proximate Analysis of Cocoa Beans from Selected Cocoa Growing Areas in Ghana

DOI: 10.9734/IRJPAC/2020/v21i1430245

- (1) Christopher Tyosue Kpega, Ahmadu Bello University Zari, Nigeria.
 - (2) Fayçel Ammari, Carthage University, Tunisia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/60362>

Phytochemical Investigation and Characterization on the Leaf Extract of *Prunus africana*

DOI: 10.9734/IRJPAC/2020/v21i1430246

- (1) Debarshi Kar Mahapatra, Dadasaheb Balpande College of Pharmacy, India.
 - (2) Ronald Bartzatt, University of Nebraska, USA.
 - (3) Anthony O. Ochieng, Sumait University, Tanzania.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/51916>

Physico-chemical Characterization and Identification of Wood Species in Benin with High Bio-thermal Conversion for Carbonization

DOI: 10.9734/IRJPAC/2020/v21i1430247

- (1) Yohi Shivatharsiny, University of Jaffna, Sri Lanka.
 - (2) Maurício da Rocha Costa, ASCES Unita, Brasil.
 - (3) Robson Fleming, Federal Institute of Mato Grosso do Sul-IFMS-Corumbá, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/60418>

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Antimicrobial Activity and Interactions of *Toddalia asiatica* Isolated Coumarins with Two Known Drugs

DOI: 10.9734/IRJPAC/2020/v21i1530248

- (1) Sri Rahmaningsih, Ronggolawe University (Universitas PGRI Ronggolawe Tuban), Indonesia.
 - (2) Mohamed Mirghani Mohamed Ahmed, International University of Africa, Sudan.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/60726>

Site-specific Nutrient Management for Enhancing Crop Productivity

DOI: 10.9734/IRJPAC/2020/v21i1530249

- (1) Rajashekhar Rao BK, University of Technology, Papua New Guinea.
 - (2) Md. Abubakar Siddique, Bangladesh Rice Research Institute, Bangladesh.
 - (3) Ali Mohamed Saad, Mansoura University, Egypt.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61101>

Effect of Chemical Inducers of Systemic Acquired Resistance (SAR) for the Management of Late Blight Disease of Potato

DOI: 10.9734/IRJPAC/2020/v21i1530250

- (1) Xiaobao Ying, University of Maryland, USA.
 - (2) Negasa Fufa, Ambo Agricultural Research Centre, Ethiopia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/60818>

Physico-Chemical Treatment of a Wastewater Collector Loaded with Metals and Suspension Material by The Solution of Raw Carica papaya Latex

DOI: 10.9734/IRJPAC/2020/v21i1530251

- (1) S. V. A. R. Sastry, MVGR College of Engineering (A), India.
 - (2) Alban Kuriqi, Albania.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61114>

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Water Crisis in the Hill Cities of Western Himalayas: A Startling Reality

DOI: 10.9734/IRJPAC/2020/v21i1630254

- (1) Mulatu Kassa Gedamu, Debre Tabor University, Ethiopia.
 - (2) Rodrigo Rodríguez Laguna, Universidad Autónoma del Estado de Hidalgo (UAEH), Mexico.
 - (3) Daniel Ngugi Njooa, Pan African University, Kenya.
 - (4) Maryam Mahboobi, Islamic Azad University, Iran.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/60669>

Development and Evaluation of Fermented Little Millet Based Cold Extrudates

DOI: 10.9734/IRJPAC/2020/v21i1630255

- (1) Rahmatallah Adenike, Forestry Research Institute of Nigeria, Nigeria.
 - (2) Gabrielli Nunes Clímaco, UNICAMP Universidade Estadual de Campinas, Brasil.
 - (3) Sreeremya.S, Academy Of Science, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/60913>

Effect of Post-Harvest Degreening on Quality Parameters of Acid Lime Cv. Balaji

DOI: 10.9734/IRJPAC/2020/v21i1630256

- (1) Crizane Hackbarth, Instituto Federal de Santa Catarina, Brasil.
 - (2) Millicent Uzoamaka Ibezim-Ezeani, University of Port Harcourt, Nigeria.
 - (3) Sunday Ayodele Agbalajobi, Kwara State Polytechnic, Nigeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61055>

Agronomic Bio-fortification of Rice and Maize with Iron and Zinc: A Review

DOI: 10.9734/IRJPAC/2020/v21i11630257

- (1) Mohamad Zaky Noh, Universiti Tun Hussein Onn Malaysia, Malaysia.
 - (2) Alice Freitas da Silva, Federal University of Santa Catarina, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61049>

Effect of Fertigation on Yield, Fertilizer Use Efficiency and Economics in Hybrid Ridge Gourd

DOI: 10.9734/IRJPAC/2020/v21i11630258

- (1) Gustavo de Souza Matias, Universidade Estadual de Maringá, Brazil.
 - (2) Idelfonso Leandro Bezerra, Fundação Universidade Federal De Rondônia, Brasil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61083>

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Synthesis, Characterisation and Antimicrobial Studies of Schiff Base and Its Metal Complexes

DOI: 10.9734/IRJPAC/2020/v21i11730260

- (1) Mukti Verma, C.C.S. University, India.
 - (2) Idoko Owoicho, Sheda Science & Technology Complex, Nigeria.
 - (3) Md. Samiul Islam Chowdhury, Bangladesh University of Textiles, Bangladesh.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/58797>

Proximate Analysis and Evolution of Energy Value from Leaves and Stem of Sword Fern: *Nephrolepis exaltata*

DOI: 10.9734/IRJPAC/2020/v21i11730261

- (1) Ayobami Omozemoje Aigberua, Niger Delta University, Nigeria.
 - (2) Syed Mubashar Sabir, University of Poonch Rawalakot, Pakistan.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61303>

Aerosol Performance of Beta-carotene Supplementation Prepared by Spray and Spray-Freeze Drying

DOI: 10.9734/IRJPAC/2020/v21i11730262

- (1) Adekanmi, Daniel Gbenga, Nigerian Defence Academy, Nigeria.
 - (2) George Gonçalves dos Santos, Universidade Federal da Bahia (UFBA), Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61485>

Different Cropping System Effects of Depth-Wise Distribution of Available NPKS in an Inceptisol of Southern Telangana Zone

DOI: 10.9734/IRJPAC/2020/v21i11730263

- (1) Pavlo Lykhovyd, Institute of Irrigated Agriculture of NAAS, Ukraine.
 - (2) Khaled A. A. Abdelaal, Kafrelsheikh University, Egypt.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61312>

Soil Hydrothermal Regimes, Biological Activity and Nutrient Availability under Various Mulches and Weed Management Practices in Tomato

DOI: 10.9734/IRJPAC/2020/v21i11730264

- (1) Dr. Wolfgang Linert, Vienna University of Technology Getreidemarkt, Austria.
- Reviewers:
 - (1) Valéria Priscila de Barros, University of Sergipe (UFS), Brasil.
 - (2) Sadeq H. Lafta, University of Technology, Iraq.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/61387>

***Urtica dioica* (Stinging Nettle): A Pharmacologically Important Medicinal Plant Species of Himalayan Region**

DOI: 10.9734/IRJPAC/2020/v21i11730265

- (1) Dr. Jackson Godwin, Niger Delta University, Nigeria.
 - (2) Muhammed Mizher Radhi, Middle Technical University, Iraq.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61402>

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Effect of Different Levels of Nitrogen and Zeolite on Soil Properties and Soil Fertility for Rice Cultivation

DOI: 10.9734/IRJPAC/2020/v21i11830266

- (1) Olugbenga Okunlola, University of Ibadan, Nigeria.
 - (2) Luqman Hakim Hassan, Universiti Teknologi Petronas, Malaysia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61512>

Mechanisms of Phorbol Ester Toxicity, Determined by Molecular Modelling

DOI: 10.9734/IRJPAC/2020/v21i11830267

- (1) Dr. Rishikesh Shankar Bachhav, Savitribai Phule Pune University, India.
 - (2) Carlos André Prauchner, Federal University of Santa Maria, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61678>

Impact of Integrated Weed Management Practices on Yield and Economics of Semidry Rice

DOI: 10.9734/IRJPAC/2020/v21i11830268

- (1) Ungata Triveni, Acharya N. G. Ranga Agricultural University, India.
 - (2) B. S. Gohil, Junagadh Agricultural University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61354>

Characterization of Cellulose Nanocrystals Derived from Umbrella Plant (*Cyperus alternifolius* Linn.)

DOI: 10.9734/IRJPAC/2020/v21i11830269

- (1) M. Ravichandran, K. Ramakrishnan College of Engineering (Affiliated to Anna University), India.
 - (2) M. V. Praveen Kumar, India.
 - (3) M. Rudresh, Dayananda Sagar College of Engineering, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62169>

Enhancing the Properties of Water Hyacinth Biomass Briquettes by Mercerization Process

DOI: 10.9734/IRJPAC/2020/v21i11830270

- (1) Gheorghe Voicu, University Polytechnic of Bucharest, Romania.
 - (2) José Franciraldo de Lima, Federal University of Campina Grande, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62084>

Different Cropping System's Effect on Available NPK Post-harvest and their Uptake on Sandy Loam Soil of Southern Telangana Zone, India

DOI: 10.9734/IRJPAC/2020/v21i11830271

- (1) Dr. Ivair Andre Nava, Western Paraná State University, Brazil.
 - (2) Urbain Amah Kuevi, Abomey-Calavi University, Republik of Benin.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61863>

Manufacture and Evaluation of Paneer Using Lemon Rinds as a Value Added Ingredient

DOI: 10.9734/IRJPAC/2020/v21i1930272

- (1) Ashwaq Shakir Neamah AL-A bboodi, AL-Qadisiyah University, Iraq.
 - (2) Felipe Alves de Almeida, Universidade Federal de Juiz de Fora (UFJF), Brazil.
 - (3) Yasser Hachana, Higher Agronomic Institute, Tunisia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61191>

Technology for Manufacture of Dietetic Functional Basundi

DOI: 10.9734/IRJPAC/2020/v21i1930273

- (1) Natália Couto, Rural Federal University of the Amazon, Brazil.
 - (2) Dr Uzuzokaro Mark-Maria Agatemor, Novena University, Nigeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61868>

Nitrogen Indices, Nodulation and Yield of Mung Bean (*Vigna radiate* L.) as Influenced by Integrated Nutrient Supply

DOI: 10.9734/IRJPAC/2020/v21i1930274

- (1) Inga Grinfeldē, Latvia University of Life Sciences and Technologies, Latvia.
 - (2) Y. Nhu, The University of Danang, Vietnam.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61777>

Root Architecture, Yield and Phosphorus Uptake by Rice: Response to Rock Phosphate Enriched Compost and Microbial Inoculants

DOI: 10.9734/IRJPAC/2020/v21i1930275

- (1) Monier Morad Wahba, National Research Centre, Egypt.
 - (2) Anil Kumar, Guru Angad Dev Veterinary & Animal Sciences University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61926>

Effect of Weed Management Practices on Weed Dynamics, Growth, Yield and Yield Attributes of Rice (*Oryza sativa* L.)

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- (1) Marco César Prado Soares, University of Campinas, Brazil.
 - (2) M. R. Dhiman, ICAR-Indian Agricultural Research Institute, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62278>

Water Deficit Implication on the Growth Attributing Characters of Some Selected Improved Banana Germplasm under in an Inseptisol of North East India

DOI: 10.9734/IRJPAC/2020/v21i1930277

- (1) Andrea Santo, Ministry of Education, University and Research, Italy.
 - (2) Ali Ahmad, University of Agriculture, Pakistan.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62183>

Exploring the Potential of Biochar Activated with Phosphoric Acid towards Hexavalent Chromium Removal

DOI: 10.9734/IRJPAC/2020/v21i2030278

- (1) Alexandre Ricardo Pereira Schuler, Universidade Federal de Pernambuco, Brasil.
 - (2) Mohd Hanif Bin Mohd Pital, Universiti Malaysia Perlis (UniMAP), Malaysia.
 - (3) Tarik Attar, Higher School of Applied Sciences, Algeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62287>

Effect of Weed Management Practices on Weed Growth and Yield of Greengram (*Vigna radiata* (L.) Wilczek) in Southern Rajasthan

DOI: 10.9734/IRJPAC/2020/v21i2030279

- (1) Khanitta Somtrakoon, Mahasarakham University, Thailand.
 - (2) Opara Ifeoma Juliet. Federal University Wukari, Nigeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62309>

Contribution of the Reactive Separation Process to Methanol Recovery and Biodiesel Characteristics

DOI: 10.9734/IRJPAC/2020/v21i2030280

- (1) A. Avinash, GMR Institute of Technology, India.
 - (2) Mohamed El Sayed El Tokhy, Egyptian Atomic Energy Authority, Egypt.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62384>

Environmental Degradation of the Activities of Illegal Refineries on the Mangrove Ecosystem: A Case Study of Escravos and Environ, Delta State

DOI: 10.9734/IRJPAC/2020/v21i2030281

- (1) Murali Krishna Panchumarthy, Anna University, India.
 - (2) S. Lekha Priyanka, Tamil Nadu Agricultural University, India.
 - (3) Bounsang Chouangthavy, National University of Laos, Laos.
 - (4) Animesh Ghose, Université du Québec en Abitibi-Témiscamingue, Canada.
 - (5) Yollit Permata Sari, Universitas Negeri Padang, Indonesia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/61993>

Sensorial and Functional Properties of Nutri-Cereal Bran Enriched Muffins and Buns

DOI: 10.9734/IRJPAC/2020/v21i2030282

- (1) Polemer M. Cuarto, Mindoro State College of Agriculture and Technology, Philippines.
 - (2) Rupali Sengupta, SNT Women's University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62153>

Suitability of Oyster Mushroom Species for Cultivation in the Southern Zone of Andhra Pradesh

DOI: 10.9734/IRJPAC/2020/v21i2030283

- (1) Tannia Alexandra Quiñones Muñoz, México.
 - (2) Muhannad Kaml Abdulhameed, University of Karbala, Iraq.
 - (3) Linda Anak Agun, Universiti Teknologi Malaysia (UTM), Malaysia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62850>

Correlation and Path Analysis Study in Chilli (*Capsicum annum* L.) Genotypes

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- (1) Claudio Zancan, Universidade Federal do Paraná, Brazil.
 - (2) Mayana Ferreira Nascimento, Universidade Federal de Viçosa, Brasil.
 - (3) Desale Getahun Nahusenay, Woldia University, Ethiopia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62422>

Study on Optimization of Yeast Level and Duration for Aerobic and Anaerobic Fermentation for Production of Jack Fruit (*Artocarpus heterophyllus* L.) Wine

DOI: 10.9734/IRJPAC/2020/v21i2130285

(1) Klesio Silva Franco Junior, Centro Superior de Ensino e Pesquisa de Machado, Brazil.

(2) Cíntia Gonçalves Guimarães, Brazil.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62145>

Inhibition of Aluminium Corrosion in 1M HCl by Pyridoxine Hydrochloride: Thermodynamic and Quantum Chemical Studies

DOI: 10.9734/IRJPAC/2020/v21i2130286

(1) Alejandra Silvina Román, Universidad Nacional de Misiones, Argentina.

(2) Vera Rosa Capelossi, State University of Santa Cruz, Brazil.

(3) Elkhofri Yassine, Morocco.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62778>

Proximate Composition and Glycemic Index Profiling of Differently Composed Nutri-Cereal Biscuits

DOI: 10.9734/IRJPAC/2020/v21i2130288

(1) Aimee Sheree Barrion, University of the Philippines Los Banos, Philippines.

(2) Tutut Pujianto, Akademi Gizi Karya Husada Kediri, Indonesia.

(3) Lewi Jutomo, Universitas Nusa Cendana, Indonesia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62186>

Influence of Organic Manures on Soil Physical Properties, Organic Carbon and Crop Yield in Okra-Dhaincha-broccoli Cropping Sequence

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(1) Ibrahim Iro Ibrahim, Federal College of Forest Resources Management, Nigeria.

(2) Bala Gambo Jahun, Abubakar Tafawa Balewa University, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62401>

Contour Farming Improves Soil Moisture and Dry Land Crop Productivity on Rainfed Alfisols

DOI: 10.9734/IRJPAC/2020/v21i2130290

(1) Haraprasad Bairagya, Visva-Bharati University, Gourbanga University, India.

(2) Sukhbir Singh, ICAR-Indian Institute of Spices Research, India.

(3) Seenivasan Nagachandrabose, Tamil Nadu Agricultural University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62725>

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Genetic Variability Analysis in Bread Wheat (*Triticum aestivum* L.) Genotypes for Morpho-Physiological Characters and Grain Micronutrient Content

DOI: 10.9734/IRJPAC/2020/v21i2230291

(1) Luciano Silva Sena, Federal University of Piauí, Brazil.

(2) M. Zulman Harja Utama, Universitas Tamansiswa Padang, Indonesia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62791>

Effect of Biochar, FYM and Nitrogen on Uptake of Nutrients, Quality and Yield of Blackgram

DOI: 10.9734/IRJPAC/2020/v21i2230292

(1) Ali Abdalla Mohammed Abdalla, University of Gezira, Sudan.

(2) Annette Madelene Dăncilă, University "Politehnica" of Bucharest, Romania.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62369>

Dynamics of Different Fractions of soil Potassium in an Inceptisol under Subtropical Rice-Rice System

DOI: 10.9734/IRJPAC/2020/v21i2230293

(1) Himansulal Nayak, Odisha University of Agriculture and Technology, India.

(2) Luis Humberto Mendoza Huizar, Universidad Autónoma del Estado de Hidalgo, Mexico.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62554>

Application of SSR Markers for Purity Testing of Hybrid Wheat (*Triticum aestivum* L.)

DOI: 10.9734/IRJPAC/2020/v21i2230294

(1) Md. Abubakar Siddique, Bangladesh Rice Research Institute, Bangladesh.

(2) Alvin D. Palanog, Philippine Rice Research Institute, Philippines.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62758>

Constraints Faced by Guava Growers in Adoption of Guava Production Technology and Suggestions for Suitable Extension Strategies to Overcome the Problem in Bijnor District of UP

DOI: 10.9734/IRJPAC/2020/v21i2230296

(1) Aurel Maxim, University of Agricultural Sciences & Veterinary Medicine Cluj Napoca, Romania.

(2) Dr. Vinod Sen, Indira Gandhi National Tribal University, India.

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(4) Ekenta, Cornelius Michael, Ahmadu Bello University, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62230>

An on Farm Trail and Front Line Demonstration on Management of Pod Borer Complex in Pigeon Pea

DOI: 10.9734/IRJPAC/2020/v21i2230296

(1) Vinod Dhingra, Forensic Science Laboratory, India.

(2) Guermah Dyhia, University of Mouloud Mammeri, Algeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62231>

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Nutrient Status of Sugarcane Growing Soils of Nizamabad District of Telangana State

DOI: 10.9734/IRJPAC/2020/v21i2330297

(1) Jarina Joshi, Tribhuvan University, Nepal.

(2) Ibrahim Iro Ibrahim, Federal College of Forest Resources Management, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62726>

Impact of Aluminium on Nutrient Profile of Soil under Various Genotypes of Garden Pea

DOI: 10.9734/IRJPAC/2020/v21i2330298

(1) Shoaib Nissar Kirmani, ICAR – Central Institute of Temperate Horticulture, India.

(2) Raimundo Cosme De Oliveira Junior, Embrapa Amazonia Oriental, Brazil.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62684>

Effect of *Trichoderma harzianum* and *Pseudomonas fluorescens* on the Enhancement of Drought Tolerance and Plant Growth in Tomato

DOI: 10.9734/IRJPAC/2020/v21i2330299

- (1) Khairy Abdel-Maksoud Abada, Cairo University, Egypt.
 - (2) Larissa Alves Lopes, Universidade Federal do Ceara, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63107>

Studies on Immunomodulatory Effect of Casein Phospho Peptide Isolated from Cultured Dairy Product

DOI: 10.9734/IRJPAC/2020/v21i2330300

- (1) Farhad Mirzaei, National Dairy Research Institute (N.D.R.I.) Deemed University, India.
 - (2) Basil A. Abbas, University of Basrah, Iraq.
 - (3) Ghada Mostafa El Ashry, Advanced Research Center, Egypt.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63396>

Phyto-chemistry and Pharmacological Activities of *Hibiscus sabdariffa* Linn.-A Review

DOI: 10.9734/IRJPAC/2020/v21i2330301

- (1) Edy Fachrial, Universitas Prima Indonesia, Indonesia.
 - (2) Muhammad, Idris Misau, Abubakar Tafawa Balewa University, Nigeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62971>

Pedological Characteristics of Soils under Different Cultivation Periods in Harrad Center and Al-Kharj, Kingdom of Saudi Arabia

DOI: 10.9734/IRJPAC/2020/v21i2330302

- (1) Pedro Michelutti Cheliz, Institute of Geosciences - IGE (Instituto de Geociências da Universidade Estadual de Campinas), Brazil.
 - (2) João Fernandes da Silva Júnior, Federal Rural University of Amazon, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63114>

Response of Micronutrients and Biofertilizers on Yield Attributes and Protein Content under Rice – Chickpea Cropping System in Central Uttar Pradesh

DOI: 10.9734/IRJPAC/2020/v21i2330303

- (1) Udokang Anietie Edem, Federal Polytechnic Offa, Nigeria.
 - (2) Saeideh Dorostkar, Shiraz University, Iran.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63263>

Influence of Organic Manure and Bioagents on Growth, Yield and Quality of Okra under Assam Condition

DOI: 10.9734/IRJPAC/2020/v21i2330304

- (1) El Khaldi Rabeb, Regional Research Center in Oasis Agriculture of Degache, Tunisia.
 - (2) Roothollah Rostami, Semnan University of Medical Sciences, Iran.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62762>

A New Flame AAS Application for Magnesium Determination in Solid Pharmaceutical Preparations as an Active Ingredient and an Excipient

DOI: 10.9734/IRJPAC/2020/v21i2330305

- (1) Angham G. Hadi, University of Babylon, Iraq.
 - (2) Dr. Dhondiram Tukaram Sakhare, Shiivaji College Kannad, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63768>

An Optimal Irrigation Scheduling for Drip Irrigated Onion in A- Semi-Arid Region Using the Computer Program CROPWAT 8.0

DOI: 10.9734/IRJPAC/2020/v21i2330306

- (1) Soumaya Dbara, Regional Research Centre of Horticulture and Organic Agriculture, Tunisia.
 - (2) Ismail Tas, Canakkale Onsekiz Mart University, Turkey.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63215>

Hydroponic Growth Media (Substrate): A Review

DOI: 10.9734/IRJPAC/2020/v21i2330307

- (1) Dr. Mohammad Alibakhshikenari, University of Rome "Tor Vergata", Italy.
 - (2) Raquele Mendes De Lira, Universidade Federal Rural de Pernambuco – Unidade Acadêmica de Serra Talhada, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63366>

Growth of Transplanted Rice as Influenced by Enriched Nitrogen Sources at Different Levels

DOI: 10.9734/IRJPAC/2020/v21i2330308

- (1) Joseph A. Orlichukwu, University of Port Harcourt, Nigeria.
 - (2) Saeideh Dorostkar, Shiraz University, Iran.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63177>

Influence of Deep Eutectic Solvents (DESS) on Antioxidant and Antimicrobial Activity of Seed Extracts of Selected Citrus Species

DOI: 10.9734/IRJPAC/2020/v21i2330309

- (1) Ramanaiah Malla, Aditya Institute of Technology and Management, India.
 - (2) P. Karthikeyan, University of Mdras, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63470>

Preparation, Characterization and Utilization of Coconut Adsorbents as a Filter Media for Wastewater Treatment

DOI: 10.9734/IRJPAC/2020/v21i2330310

- (1) Muhammad Abdul Mun'aim Bin Mohd Idrus, Universiti Kuala Lumpur Malaysian Institute of Marine Engineering Technology (UniKL-MIMET), Malaysia.
 - (2) Alioune Sow, Cheikh Anta Diop University of Dakar, Senegal.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63409>

Soil Fertility Evaluation and GPS-GIS Based Soil Nutrient Mapping of Krishi Vigyan Kendra, Palem, Telangana

DOI: 10.9734/IRJPAC/2020/v21i2330311

- (1) Lucia Maria Jaeger De Carvalho, Rio De Janeiro Federal University, Brazil.
 - (2) Benjamin Valladares Carranza, Autonomous University of The State of Mexico, Mexico.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63858>

Heading Back and Pinching Affects the Biochemical and Physiological Parameters of Annual Moringa cv. PKM-1 Leaves

DOI: 10.9734/IRJPAC/2020/v21i2330312

- (1) Janine Farias Menegaes, Federal University Of Santa Maria, Brazil.
 - (2) Maria Teresa Colinas-Leon, Universidad Autónoma Chapingo, Mexico.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63454>

Effect of Fertigation Using Different Rates and Sources of Fertilizers on Growth and Yield of Cucumber (*Cucumis sativus* L.) Under Open Field Condition

DOI: 10.9734/IRJPAC/2020/v21i2330313

- (1) I. Gede Ketut Adiputra, University of Hindu Indonesia Denpasar, Indonesia.
 - (2) Ramy Mohamed Khalifa, Damietta University, Egypt.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63230>

Biology and Morphometrics of Pulse Beetle, *Callosobruchus chinensis* (L.) on Chickpea

DOI: 10.9734/IRJPAC/2020/v21i2330314

- (1) Ahmed Mohamed Abouelatta, Agriculture Research Centre, Egypt.
 - (2) Aparecida Leonir da Silva, Universidade de São Paulo (USP), Brasil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63472>

Validation of Target Yield based Fertilizer Prescription for Rabi Castor in Alfisol

DOI: 10.9734/IRJPAC/2020/v21i2330315

- (1) Marko Josipović, Agricultural Institute Osijek, Republic of Croatia.
 - (2) Waleed Ahmed Hamdy Elmadowy Abido, Mansour University, Egypt.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63856>

Effect of Fortification of Ground Peanut Seed as Fat Replacer on the Fatty Acid and Fiber Profile of Spent Broiler Breeder Hen Chicken Sausages

DOI: 10.9734/IRJPAC/2020/v21i2330316

- (1) Cristiane Ramos Vieira, University of Cuiabá, Brazil.
 - (2) José Américo Saucedo Uriarte, National University Toribio Rodríguez de Mendoza (UNTRM), Peru.
 - (3) Marco Aurélio Carneiro De Holanda, Federal Rural University of Pernambuco, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63525>

Equilibrium Studies for Removal of Cadmium (II) Ions Removal from Water Using Activated Carbon Derived from Macadamia Intergrifolia Nutshell Waste Powder

DOI: 10.9734/IRJPAC/2020/v21i2330317

- (1) Fayçal Ammari, Carthage University, Tunisia.
 - (2) Balarak Davoud, Zahedan University of Medical Sciences, Iran.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63789>

Study of Different Drip Irrigation and NK Fertigation Levels on Performance of Cauliflower

DOI: 10.9734/IRJPAC/2020/v21i2330318

- (1) Nelino Florida Rofner, Universidad Nacional Agraria de la Selva, Perú.
 - (2) Effiom Oku, University of Abuja, Nigeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64233>

Antioxidant Capacity and Total Phenolic and Flavonoid Contents of Methanolic Extracts of *Urtica dioica* L. by Different Extraction Techniques

DOI: 10.9734/IRJPAC/2020/v21i2330319

- (1) Kuldeep Kumar, Career Point University, India.
 - (2) Assad Assadi, Islamic Azad University, Iran.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63986>

Response of Irrigation and Mulching on Yield, Water Use Efficiency, Nutrient Use Efficiency and Economy of Mango Cv. Banganpalli in (Semiarid Region) Southern Telangana Region

DOI: 10.9734/IRJPAC/2020/v21i2330320

- (1) Bala Gambo Jahun, Abubakar Tafawa Balewa University, Nigeria.
 - (2) Dilier Olivera Viciado, São Paulo State University (UNESP), Brazil.
 - (3) Silvana Fátim Didoné Farmácia, Universidade de Passo Fundo (UPF), Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63259>

Effect of Tillage and Crop Establishment Methods with Residue Retention on Growth, Yield attributes and Productivity of Wheat under Rice-Wheat Rotation in Typic ustochrept

DOI: 10.9734/IRJPAC/2020/v21i2330321

- (1) Somsak Maneepong, Walailak University, Thailand.
 - (2) P. W. Mashela, University of Limpopo, South Africa.
 - (3) Paola Taydé Vázquez Villegas, Instituto Tecnológico Superior de Cintalapa, Mexico.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63644>

Monitoring of Pesticide Residues in Imported Fruits and Vegetables in United Arab Emirates during 2019

DOI: 10.9734/IRJPAC/2020/v21i2330322

- (1) Bernardo A. Leal Carrasco, Universidad Nacional Experimental Politécnica Antonio José de Sucre (UNEXPO), Venezuela.
 - (2) Ailane Souza de Freitas, Universidade Estadual do Ceará, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64236>

Development and Evaluation of Ripe Pumpkin (*Cucurbita moschata*) Based Fruit Bars Using Herb Extracts

DOI: 10.9734/IRJPAC/2020/v21i2330323

- (1) Peninah Wanjiku Gitau, University of Nairobi, Kenya.
 - (2) Xochitl Ruelas-Chacon, Universidad Autonoma Agraria Antonio Narro, Mexico.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63482>

Sorption Characteristics of Halogenated Acetonitriles (HANs) in Surface Water onto Activated Carbon Prepared from Walnut Shell

DOI: 10.9734/IRJPAC/2020/v21i2330324

- (1) Rosyid Ridho, Universitas PGRI Banyuwangi, Indonesia.
 - (2) Muhammad Sadiq, University of Malakand, Pakistan.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63895>

Response of Mulching with Supplementary Irrigation on Physiochemical Properties of Bael (*Aegle marmelos* Correa.)

DOI: 10.9734/IRJPAC/2020/v21i2330326

- (1) K. Rajalakshmi, Srimad Andavan Arts and Science College, India.
 - (2) Mohamed H. EL-Seaid, King Saud University; Saudi Arabia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64031>

Influence of Zeolite on Nitrogen Fractions, Nitrogen Use Efficiency and Nitrogen Uptake of Maize

DOI: 10.9734/IRJPAC/2020/v21i2330327

- (1) Razi Ahmad, Universiti Malaysia Perlis, Malaysia.
 - (2) Nasima Junejo, Battle River Research Group, Canada.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/63350>

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Quality Characterization of Surface Water Sources Using Water Quality Index in Urban Areas of Solan District of Himachal Pradesh

DOI: 10.9734/IRJPAC/2020/v21i2430329

- (1) Yao Marcel, University of Cocody, Côte d'Ivoire.
 - (2) Francisco Farnum Castro, Universidad de Panamá, Panamá.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64292>

Green Synthesis of Silver Nanoparticles Using Some Medicinal Plants

DOI: 10.9734/IRJPAC/2020/v21i2430330

(1) Gayatri Gautam Varma, Mumbai University, India.

(2) Masayoshi Kaneko, Enzan High School, Japan.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64183>

Optimization of Extraction and Dyeing Conditions of Natural Dye from Ratanjot Roots Using Ultrasonic Waves

DOI: 10.9734/IRJPAC/2020/v21i2430331

(1) Nihad Khalawe, Northern Technical University, Iraq.

(2) Dashipour Alireza, Zahedan University of Medical Sciences, Iran.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64511>

A Review on Adsorption and Desorption of Different Pesticides in Various Soil

DOI: 10.9734/IRJPAC/2020/v21i2430332

(1) Tamara Lazarevic-Pasti Vinca, Belgrade University, Serbia.

(2) Mahmood A. Albo Hay Allah, Iraq.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64392>

Study on Physico-chemical Properties and Fertility Status of Tumkur District (Zone-4) of Karnataka

DOI: 10.9734/IRJPAC/2020/v21i2430333

(1) Naú Silverio Niño Gutiérrez Guerrero, Mexico.

(2) Rukhsana, Aliah University, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/63550>

Dual Wavelength and First Order Derivative Spectrophotometric Methods for Simultaneous Estimation of Rivaroxaban and Aspirin in Synthetic Mixture

DOI: 10.9734/IRJPAC/2020/v21i2430334

(1) Adegbite Adesola, Ladoko Akintola University of Technology, Nigeria.

(2) Ahmed M. Sadoon, University of Mosul, Iraq.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/63616>

Ecological Risk Link to Trace Metals in Waters and Sediments along the Abobo-Doumé Fish Market in Ebrié Lagoon, Côte d'Ivoire

DOI: 10.9734/IRJPAC/2020/v21i2430335

(1) Ahmed Garba, Sule Lamido University, Nigeria.

(2) Antipas T. S. Massawe, University of Dar Es Salaam (UDSM), Tanzania.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/63990>

Soil Nutrients Status and Cotton Yield as Influenced by Split Application of Nitrogen and Potassium in Vertisol

DOI: 10.9734/IRJPAC/2020/v21i2430336

(1) Fathy Mohamed Abdou El-Saadony, Zagazig University, Egypt.

(2) Innocent Izuchukwu Ujah, Enugu State University of Science & Technology, Nigeria.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/63174>

Study on Biodiesel Production and Characterization for Used Cooking Oil

DOI: 10.9734/IRJPAC/2020/v21i2430337

(1) Arief Rahmatulloh, State Polytechnic of Malang, Indonesia.

(2) Qummare Azam, Universiti Sains Malaysia, Malaysia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/62516>

Pesticide Residues in Vegetables Collected from Different Markets of Navsari District of India

DOI: 10.9734/IRJPAC/2020/v21i2430338

(1) Dr. Farzaneh Mohamadpour, University of Sistan and Baluchestan, Iran.

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(1) Rumbidzai Mangoyi, University of Zimbabwe, Zimbabwe.

(2) Md. Abubakar Siddique, Bangladesh Rice Research Institute, Bangladesh.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64231>

Soil Bioavailability and Native Plant Uptake of Mercury in the Contaminated Sites at Kodaikanal, India

DOI: 10.9734/IRJPAC/2020/v21i2430339

(1) Cleide Barbieri de Souza Centro, Universitário Lusíada (UNILUS), Brazil.

(2) Aparecida Leonir da Silva, Universidade de São Paulo (USP), Brazil.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64192>

Chemical Composition of Pinus brutia Ten Essential Oil and Its in vitro Anti-Inflammatory Activity

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(1) K. S. Chandrashekar, Manipal College of Pharmaceutical Sciences, Manipal Academy of Higher Education, India.

(2) Abubaker Haroun Mohamed Adam, University of Bahri, Sudan.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64835>

Soil Organic Carbon Sequestration and Carbon Pools in Rice Based Cropping Systems in Indo-Gangetic Plains: An Overview

DOI: 10.9734/IRJPAC/2020/v21i2430341

(1) Varsha Gupta, Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya (RVSKVV), India.

(2) Malik Asif Ziz, Sher-e-Kashmir University of Agricultural Sciences and Technology (SKUAST) of Kashmir, India.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64516>

Glycemic Index of Selected Indian Rice Varieties

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(1) Madhumitha. K, SASTRA University, India.

(2) Sri Nur Aminah Ngatimin, Hasanuddin University, Indonesia.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/64441>

Adoption New Improves Technology of Guava (Psidium guajava L.) Cultivation in Bijnor District of Uttar Pradesh of India

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(1) Alaa El-Din Khalil S. Omar, King Faisal University, Kingdom of Saudi Arabia.

(2) Nur Fadiyah Mohd Zawawi, Universiti Malaysia Kelantan, Malaysia.

(3) Noor-ul-Ain Soomro, University of Sindh, Pakistan.

Complete Peer review History: <http://www.sdiarticle4.com/review-history/63229>

Effect of Integrated Nutrient Management on Flower Quality of French Marigold (*Tagetes patula* L.) cv. Pusa Arpita
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(1) Soumahoro Gueu, National Polytechnic Institute Félix Houphouët-Boigny, Côte d'Ivoire.
(2) Musa V. Dlamini, University of Eswatini, Eswatini.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/64996>

Effect of Novel Herbicides and Herbicide Mixtures on Yield and Economics of Transplanted Rice

DOI: 10.9734/IRJPAC/2020/v21i2430345
(1) Lucie Aba Toumno, University of Bangui, Central African Republic.
(2) Zvonko Pacanoski, Methodius University, Macedonia.
(3) Shehata Em Shalaby, National Research Centre, Egypt.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/64328>

Evaluation of Essential Oils against Early Blight (*Alternaria solani*) of Tomato

DOI: 10.9734/IRJPAC/2020/v21i2430346
(1) Yustia Wulandari Mirzayanti, Institute Technology Adhi Tama Surabaya, Indonesia.
(2) Naseer Ahmad Dar, Government Degree College Shopian, India.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/64490>

Impact of Integrated Nutrient Management (INM) for Sustainable Production of Sprouting Broccoli (*Brassica oleracea* L. var. *italica* Planck)

DOI: 10.9734/IRJPAC/2020/v21i2430347
(1) Caio Henrique Ungarato Fiorese, Federal University of Espírito Santo, Brazil.
(2) Francisco Espinoza Montes, National University of Central Peru, Peru.
(3) Edinson Fabian Monroy Avila, National Open and Distance University (UNAD), Colombia.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/65011>

The Need for New Directions on Conservation Agriculture towards Weed Management: Review

DOI: 10.9734/IRJPAC/2020/v21i2430348
(1) Pavlo Lykhyovyd, Institute of Irrigated Agriculture of NAAS, Ukraine.
(2) Fredrick Otieno Ogolla, Chuka University, Kenya.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/61872>

Eco Friendly Management of Fusarium Wilt of Chickpea with Botanicals and Bio Agents in In-vitro

DOI: 10.9734/IRJPAC/2020/v21i2430349
(1) Sedara, Oluwadunsin Seun, Federal University of Technology Akure, Nigeria.
(2) Irshad Ahmad Rather, India.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/65005>

Measuring and Monitoring the Impact of Precision Land Levelling and Arable Cropping Systems on Aggregate Associated Carbon Fractions and Soil Carbon Stock in Sub-tropical Ecosystems

DOI: 10.9734/IRJPAC/2020/v21i2430354
(1) Rukhsana, Aliah University, India.
(2) Solomon Melaku Melese, Wollo University, Ethiopia & Russian State Agrarian University, Moscow Timiryazev Agricultural Academy (RSAU-MTAA), Russia.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/64481>

Evaluation of Host Plant Resistance to Meloidogyne incognita in Banana Hybrids

DOI: 10.9734/IRJPAC/2020/v21i2430355
(1) Arce Defeo Bellere, Central Bicol State University of Agriculture (CBSUA), Philippines.
(2) P. Sengottuvel, Bharath Institute of Higher Education and Research, India.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/64194>

Effect of Fipronil + Isoprothiolane against Onion Thrips and Purple Blotch Disease and Its Effect on Parasites and Predators

DOI: 10.9734/IRJPAC/2020/v21i2430353
(1) Tabe Franklin Nyenty, University Of Yaounde 1, Cameroon.
(2) Halil Turgut Sahin, Isparta University of Applied Sciences, Turkey.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/62766>

Effect of Different Packaging Materials on Quality of Sapota (*Manilkara achras*) cv. Kalipatti

DOI: 10.9734/IRJPAC/2020/v21i2430356
(1) Ayesha Manzoor, Barani Agricultural Research Institute, Pakistan.
(2) Condro Wibowo, Jenderal Soedirman University, Indonesia.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/64350>

Evaluation of Genetic Divergence Analysis in Tomato (*Solanum lycopersicom* [Mill] Wettstd)

DOI: 10.9734/IRJPAC/2020/v21i2430359
(1) María Susana Vitelleschi, Universidad Nacional de Rosario, Argentina.
(2) Alisha Alisha, Adam Mickiewicz University, Poland.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/65593>

Production Competence, Cost-effectiveness and Nutrient Uptake as Influenced by Diversenutrient Management in Summer Groundnut (*Arachis hypogaea*)

DOI: 10.9734/IRJPAC/2021/v22i130360
(1) Raul Gomes Agueria, Universidade Estadual de Maringá, Brazil.
(2) Estela Gertrudis Espinosa Martínez, Universidad de La Habana, Cuba.
(3) Homero Ramírez, Universidad Autónoma Agraria Antonio Narro, México.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/64313>

Yield, Quality, Nitrogen Use efficiency (NUE) and Water Use efficiency (WUE) of Indian Mustard [*Brassica juncea* (L.) Czern & Coss] as Influenced by Irrigation and Nitrogen Levels

DOI: 10.9734/IRJPAC/2020/v21i2430361
(1) Franyelit Suárez, Universidad de las Américas, Ecuador.
(2) César Emmanuel García Almeyda, Escuela Judicial del Estado de México, Mexico.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/64889>

Influence of Pre-Emergence Weedicides on Turmeric (*Curcuma longa* L.) Growth and Yield

DOI: 10.9734/IRJPAC/2020/v21i2430362
(1) Sajad Mijani, Ferdowsi University of Mashhad, Iran.
(2) Ungata Triveni, Acharya N. G. Ranga Agricultural University, India.
(3) Mohammed Al-Jawasim, University of Al-Qadisiyah, Iraq.
Complete Peer review History: <http://www.sdiarticle4.com/review-history/62765>

Effect of Chemical Herbicides on Weed Management in *Allium sativum* L. (Garlic) and Its Yield

DOI: 10.9734/IRJPAC/2020/v21i2430363

- (1) Tarik EL Ouafy, Sultan Moulay Slimane University, Morocco.
 - (2) Dr. Itodo Ugbede Happiness, Federal University of Agriculture, Nigeria.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/62764>

Effect of Abiotic Parameters on Vegetable Storability

DOI: 10.9734/IRJPAC/2020/v21i2430364

- (1) Benjawan Chutichudet, Mahasarakham University, Thailand.
 - (2) Moataz Eliw Mostafa, Al-Azhar University, Egypt.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/54622>

Growth, Yield and Quality of Cauliflower as Influenced by Different Sources of Nutrients and Mulching in Indo- Gangatic Plains of Western Uttar Pradesh

DOI: 10.9734/IRJPAC/2020/v21i2430367

- (1) Fikreyohannes Gedamu, Haramaya University, Ethiopia.
 - (2) Kibreselassie Daniel Auge, Hawassa University, Ethiopia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64650>

Effect of Different Levels of Fertilizers on Productivity and Nutrient Dynamics of Browntop Millet

DOI: 10.9734/IRJPAC/2020/v21i2430368

- (1) Romilda Rodrigues do Nascimento Zootechnia, Universidade Federal do Piaui, Brazil.
 - (2) Igor Luiz Vieira de Lima Santos, Universidade Federal de Campina Grande, Brazil.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65704>

Influence of Soybean (*Glycine max.* L) Sowing Methods and Seed Rate on Nitrogen Accumulation in Soil

DOI: 10.9734/IRJPAC/2020/v21i2430370

- (1) Mohammad Nikookar, Iran.
 - (2) I. Nengah Muliarta, Warmadewa University, Indonesia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65586>

Effect of Heat Treatment and Gamma Irradiation on Protein of Selected Millet Grains

DOI: 10.9734/IRJPAC/2020/v21i2430372

- (1) Emad Q. Mohammed Al-Ebady, University of Mosul, Iraq.
 - (2) Suleyman Gokmen, Karamanoglu Mehmetbey University, Turkey.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/64517>

Effect of Crop Cover and Stage of Crop Growth on Soil L-Glutaminase Activity

DOI: 10.9734/IRJPAC/2020/v21i2430373

- (1) O. P. Bansal, D. S. College, India.
 - (2) Ashay D. Souza, University of Agricultural Sciences, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65422>

Influence of Deficit Irrigation on Biometric Parameters of Capsicum Crop under Polyhouse Conditions

DOI: 10.9734/IRJPAC/2020/v21i2430375

- (1) Lina Farah, Lebanese University, Lebanon.
 - (2) Entesar Mhamad Ghazal, University of Mosul, Iraq.
 - (3) R. Sivakumar, Tamil Nadu Agricultural University, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65778>

Effect of Nitrogen Fertilizer Levels on the Incidence of Insect Pests in Four Rice Cultivars

DOI: 10.9734/IRJPAC/2020/v21i2430377

- (1) Erika Silva do Nascimento, Oswaldo Cruz Foundation, Brazil.
 - (2) Stéphanie Depickère, Universidad Mayor de San Andrés, Bolivia.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/65785>

Effect of Tillage and Irrigation Methods on the Productivity, Profitability and Nutrient Uptake of Wheat

DOI: 10.9734/IRJPAC/2020/v21i2430379

- (1) UK Maurya, ICAR National Bureau of Soil Survey and Land Use Planning (NBSS&LUP), India.
 - (2) R.L. Choudhary, ICAR-Directorate of Rapeseed Mustard Research, India.
- Complete Peer review History: <http://www.sdiarticle4.com/review-history/66361>