

Review Article

Research Articles

- The characteristics and viability of proteolytic bacteria contained within the digestive tract of the grouper fish (*Epinephelus fuscogutatus*)
¹Kasprijo, ²Dulmiad Iriana, ²Iskandar & ¹Tjahjo Winanto 564-569
- In vitro* propagation of *Fibraurea darshani* Udayan and Ravikumar- an endemic and endangered plant from Western ghats
P. Sheema Dharmapal¹, P.S. Udayan¹ & K.K. Elyas²570-575
- Field evaluation of chemical and eco friendly strategies against powdery mildew of mulberry caused by *Phyllactinia corylea*
Manjunatha, S.E.¹, Kiran Kumar, N.² and Sanath Kumar, V.B.³ 576-581
- Educational training on Ethno Veterinary: uses and application of medicinal plants of traditional livestock healers
Sreenivasa¹ & Kumar²582-587
- Synthesis, identification and evaluation of antimicrobial activity of some new N-substituted-2-(methylthio) Benzimidazole containing heterocyclic ring
Hala Ayad M. Rasheed¹, Suaad M. H. Al-Majidi¹ 588-594
- Bacterial isolates and antimicrobial susceptibility in Al-yarmouk teaching hospital in Baghdad
Abdulmajeed A. Hammadi¹, Sarab K. Alrawi² & Ali H Hayyawi³595-600
- Genetic divergence in high iron and zinc genotypes of rice (*Oryza sativa* L.)
Ramya Rathod^{1*}, Madhu Babu Pulagam, Sanjeeva Rao, D., D Srinivasa Chary, Bharathi, M., and Ravindra Babu, V.² 601-603
- Molecular analysis for genetic diversity of mango (*Mangifera indica* L.) By RAPD-PCR marker
Neetu Thakur, Rohit Sharma, Pooja Goel & Pritpal Kaur604-604
- Determination of maternal effects on QPM inbreds lines
Anusheela Varadaraju & John Joel 607-611
- Production of plant growth hormones indole-3-acetic acid (IAA) using bacillus by batch fermentation
Prabhat Jatav¹, Abhishek Gupta¹, Sonu Singh Ahirwar¹, Sadhna Jatav¹, Akash Jatav¹, & Kirti Kushwaha¹612-616
- Study of morphological variability among fifty accessions of pomegranate (*Punica granatum* L.)
J. K. Saroj¹, Y. Ravindrabau², L. D. Parmar³ 617-622
- Effect of silver nanoparticles on the ovary of PCO-induced female mice: A histopathological study
Ghazwa Al-naqeeb¹, Suzan Bajilan², Muhammed Baqer, M-R. Fakhreldin³623-630
- Anti-*trypanosoma brucei brucei* effects of methanolic and chloroform extracts of *Ilex kudingcha* dry leaves on infected Swiss Albino rats
¹Ngele, K. K., ²Soniran, O.T. & ³Alisa, Christopher, O. & ⁴Uduma E. Osonwa631-637
- Extraction of wheat germ oil using supercritical carbon dioxide (SC-CO₂) and its detailed comparative analysis with conventional hexane extracted oil
Satyannarayana Sirisetti^{1,2}, B. Anjaneyulu¹, E. Anjaneyulu¹, K. Srikanth¹, A. Thirupathi¹, K. N. Prasanna Rani^{1,2} and P. P. Chakrabarti^{1,2}638-644
- Assessment of water quality in euphrates river in babylon region by using CCME index
Haithem Ali. Hammoud & Adel Mashaan Rabee 645-649

Effect of probiotic supplementation on growth performance during brooding in Pallishree birds S. K. Joshi, P. K. Panda & S.K. Samantaray	650-652
Study the number of transferred embryos increase the pregnancy rates in fresh ICSI-ET-Cycles Salwa Sameer Fadhil, Mohammad Oda Selman & Manal Taha Al-Obaidi	653-657
Molecular characterization using rapd and ssr marker in diverse pomegranate [<i>Punica granatum</i> (L.)] germplasm Saroj, J.K. ¹ , Parmar, L.D. ²	658-666
Performance of different promising lines of garlic (<i>Allium sativum</i> L.) Under central plain zone of Uttar Pradesh Saurabh Dixit, A.K. Dubey, V.P. Singh and H.V. Dube	667-670
Removal of pesticide monocrotophos using wetland plants Shalini A. Tandon*, Radhika Deore	671-676
Microwave assisted synthesis of zns & zns-Ag nanoparticles and its antibacterial activity Nada K. Abbas ¹ , Israa Al-Ogaidi ² , Mays Attalla ¹ , Sara Talla ¹	677-682

Case Study

Scientific dairy farming practices adopted by dairy farmers in Wayanad district of Kerala Siddhartha Savale, Kotresh Prasad, Rijin Sankar, Maruthi S.T. and John Abraham	683-686
Termination of pregnancy in bitches A. Upadhyay, M. S. Kushwah, G. S. Dhakad, Suresh kumar	687-692
Surgical management of umbilical hernia in crossbred Holstein-Friesian calf K.C. Dehury ¹ , S. Sathapathy ² , S. K. Joshi ³ , C. B. Mishra ⁴ , I. Ali ⁵ and H. K. Behera ⁶	693-696
Incidence of colibacillosis in Kingfisher bird S. S. Naik, S. Sathapathy ¹ , R. Mahapatra ² and K.C. Dehury ³	697-699
Soil improvement and pulses: healthy rural India Shashi Kant Shukla	700-704

Short Communication

Statistical analysis on histology of thymus in different age group of Kadaknath breed S. Kanasiya ¹ , S. K. Karmore ² , R. K. Barhaiya ³ , S. K. Gupta ⁴ and G.P. Jatav ⁵	705-706
Therapeutic management of chronic recurrent mastitis with changing antibiotic regime in cross bred Holstein Friesian cow C. Bhuyan, S. Sathapathy*, R. Patra, S. K. Joshi ² , I. Ali ³ , G. Behera ⁴ and S. Parida ⁵	707-709
Effect of elevated carbon dioxide (eCO ²) on growth and development of different rice cultivars in Odisha B. P. Rosalin, Surendranath Pasupalak, Anupama Baliarsingh	710-712
Radiographic diagnosis of egg binding syndrome in a cockatiel K. Saranya ¹ , S. Prathaban ² , K. Senthil kumar ³ , Mohamaed shafiuizama ⁴ and A.Srithar ⁵	713-714
A rare case of spontaneous uterine rupture and peritonitis in a sow Susitha Rajkumar & E. B. Chakurkar	715-716