

1. **V. NarayanaSwamy**. (2017). Assessment of calorimetric, antibacterial and fastness properties of silk fabric dyed with Casuarina equisetifolia L. leaf extract, Indian Journal of Traditional Knowledge, Vol. 16 (4), 10-17. **IF:0.92**
2. N.K. Dhir, **D. Chakraborty** and V. Kaur. (2017). Dynamic and rapid isocratic greener analytical method for estimation of chlorocresol along with azole compounds in ointment, Asian Journal of Chemistry, Vol. 30(1), 11-17. **IF: 0.47**
3. Harish Kumar T, **Raji Sukumar**. (2017). Extraction of plant growth hormones from leaf galls of pongamia pinnata (L), Comprehensive Research in Biological Sciences, Vol. 3(6), 2017: 1-5.
4. **Bhanuprakash K S**, Poonam K, Nikhita N B, **Sangita Roy**. (2017). Isolation and characterization of biosurfactant producing microorganisms from marine of Gujarat and their role in bioremediation, International Research Journal of Environmental Sciences, Vol. 6(9), 09-17.
5. M. Sennappan, P. Murali Krishna, **N B Gopal Reddy**, Praveen B M. (2017). Synthesis, Structural characterization and Nucleic acid interaction of (E)-(2-(2-hydroxybenzylidene) hydrazinyl)(pyridin4-yl) methaniminium, IOSR Journal of Applied Chemistry, Vol. 10(7), 07-17. **IF: 3.149**
6. **N.B. Gopal Reddy**, P. Murali Krishna a, S.S. Shantha Kumar c, Yogesh P. Patil d, Munirathinam Nethaji (2017). Structure and spectroscopy of a bi-dentate N'- [(4- ethylphenyl) methylidene]-4-hydroxybenzohydrazide Co (II), Ni (II), Cu (II) and Cd(II) complexes: Insights relevant to biological properties , Journal of Molecular Structure ,Vol-1137, 543-552. **IF-3.8**
7. S.K. Rashmi, H.S. Bhojya Naik, H. Jayadevappa, R. Viswanath, **S.B. Patil**, M. Madhukara Naik, (2017). Solar light responsive Sm-Zn ferrite nanoparticles as efficient photocatalyst. Materials Science & Engineering B, Vol. 225, 86-97.
8. S.K. Rashmi, H.S. Bhojya Naik, H. Jayadevappa, C.N. Sudhamani, **S.B. Patil**, M. Madhukara Naik, (2017). Influence of Sm<sup>3+</sup> ions on structural, optical and solar light driven photocatalytic activity of spinel MnFe<sub>2</sub>O<sub>4</sub> nanoparticles. Journal of Solid State Chemistry. Vol. 255, 178-192.
9. **Kavisa Ghosh**, N. Indra and G. Jagadeesan. (2017). The ameliorating effect of Centella asiatica ethanolic extract on albino rats treated with isoniazid, Journal of Basic and Clinical Physiology and Pharmacology, Vol 28 (1), Pages-67-77. **IF-0.347**
10. **Kavisa Ghosh**, Govindasami Chandrasegaran, Chakkavarthy Elanchezhiyan, Subramaniam Sethupathy (2017). Berberine chloride ameliorates oxidative stress, inflammation, and apoptosis in the pancreas of Streptozotocin induced diabetic rats, Biomedicine & Pharmacotherapy, Vol Nov;95, Pages-175-185. **IF-7.5**
11. **S. B. Patil**, H. S. Bhojya Naik, G. Nagaraju, R. Viswanath & S. K. Rashmi. (2017). Synthesis of visible light active Gd<sup>3+</sup>-substituted ZnFe<sub>2</sub>O<sub>4</sub> nanoparticles for photocatalytic and antibacterial activities. The European Physical Journal Plus, 132, Article number: 328 (2017). **IF-3.2**
12. **Dr. Govardhan Savitha**, Dr. Pujari Chandrasekhar, Prof. Dr. Jarugu Narasimha Moorthy (2017). Robust MOFs of "tsg" Topology Based on Trigonal Prismatic Organic and Metal Cluster SBUs: Single Crystal to Single Crystal Post Synthetic Metal Exchange and Selective, Chemistry - A European Journal, Volume 23, Issue 30, Pages 7297-7305. **IF-5.2**
13. **Susil Kumar Sahoo**, (2017). Hyper-Erlang Distribution Model and its Application in Wireless Mobile Networks, International Indexed & Referred Journal of Research Analysis & Evaluation, Issue-99, 12-17.
14. **Ritika Chauhan**, Aniket C, Jayanti A. (2017). Evaluation Of Antimicrobial, Cytotoxicity, And Dyeing Properties Of Prodigiosin Produced By Serratia marcescens Strain Jar8, Asian Journal of Pharmaceutical and Clinical Research, Vol. 10, Issue-8, 05-17.
15. Arijit P, Sayak Nanda, Soumen Roy C, Sweta M, **Arakjit Ganguly**. (2018). The novel use of antibacterial activity of phytochemical for the removal of bacterial population from the surface of mobile phones, World Journal of Pharmacy and Pharmaceutical Sciences, Vol. 7, Issue-4, 20-02-18. **IF:3.3**
16. **S.B. Patil**, H.S. Bhojya Naik,a, G. Nagaraju, and Yallappa Shirali. (2018). Sugarcane juice mediated eco-friendly synthesis of visible light active zinc ferrite nanoparticles: Application to degradation of mixed dyes and antibacterial activities. Material Chemistry and Physics. Vol-133. **IF-4.7**
17. **S. B. Patil**, H. S. Bhojya Naik, G. Nagaraju & Yallappa Shirali, (2018), Sugarcane juice facilitated eco-friendly synthesis of solar light active CdFe<sub>2</sub>O<sub>4</sub> nanoparticles and its photocatalytic application, European Physical Journal Plus, Vol-133. **IF-3.2**

18. **Patil S. B**, Bhojya Naik H. Seethya,Nagaraju Ganganagappa,Kumaraswamy B. Eshwaraswamy. (2018). Enhanced photocatalytic activity and biosensing in gadolinium substituted BiFeO<sub>3</sub> nanoparticles, *Chemistry Select*, Vol 3 (31). **IF-2.7**
19. **Umesh H R**,Ramesh K.V (2018) An Extensive In vitro Approach in Development of Next Generation Drugs Against Trehalose-6-phosphate Phosphatases Involved in Pathogenicity of Many Microorganisms Research & Reviews:*Journal of Herbal Science*, Vol 7,Pages-32-43. **IF-2.54**
20. Govindasami Chandirasegaran, Chakkaravarthy Elanchezhiyan, **Kavisa Ghosh**, (2018) Effects of Berberine chloride on the liver of streptozotocin-induced diabetes in albino Wistar rats. *Biomedicine & Pharmacotherapy* Vol 99, Pages-227-236. **IF-7.5**
21. **Kavisa Ghosh**,Indra.N (2018) Cadmium treatment induces echinocytes, DNA damage, inflammation, and apoptosis in cardiac tissue of albino Wistar rats. *Environmental Toxicology and Pharmacology*. Vol 59, Pages-43-52. **IF-4.3**
22. Rashmi Nagesh, **Kiran Kumar K. M**,Naveen Kumar M.,S. Chidananda Sharma † and M. Sreepriya\* (2018). Oxidative stress induced g1/s phase cell cycle arrest and cellular apoptosis in cultured buccal KB epithelial cells on exposure of aqueous extract of areca nut, *International Journal of Pharmacy and Biological Sciences*.Vol-8, Issue-3, Pages-627-635. **IF-0.88**
23. R L Babu, M Naveen Kumar, **Rajeshwari H Patil**, **K M Kiran Kumar**, K S Devaraju, Govindarajan T Ramesh , S Chidananda Sharm (2018) Forskolin and Phorbol 12-myristate 13-acetate modulates the expression pattern of AP-1 factors and cell cycle regulators in estrogen-responsive MCF-7 cells, *Genes & Diseases*.Vol-6 (92),Pages-159-166. **IF-6.8**
24. Anitha Ravi, Shaheen Khan, Maduri Suklabaidya, Priyadurairaj, Priyadarshini Soora Sudarsanan and **Kamatchi Chandrasekar** (2018), Antioxidant Activity and In Silico Analysis of Centella asiatica and Indigofera aspalathoides in Psoriasis, *Biomedical and Pharmacology Journal*. Vol. 11(3), p. 1403-1412. **IF-0.88**
25. Jayanthi Abaraham, **Ritika Chauhan**, (2018), Profiling of red pigment produced by *Streptomyces* sp. JAR6 and its bioactivity. *3 Biotech*, Vol-8. **IF-2.81**
26. Soumen C, Sayak Nanda, Sweta M, **Yogesh B J**, Satadan Das. (2018). D-Arabinose induced growth patterns of some gram positive and gram-negative bacteria, *World Journal of pharmaceutical research*, Vol. 7, Issue-11, 04-18. **IF: 8.07**
27. **Rajeshwari H Patil**, M Naveen Kumar, **K M Kiran Kumar**, Rashmi Nagesh, K Kavya, R L Babu , Govindarajan T Ramesh , S Chidananda Sharma . (2018) Dexamethasone inhibits inflammatory response via down regulation of AP- 1 transcription factor in human lung epithelial cells, *Gene*. Pages-85-94. **IF-3.91**
28. Shaveta Sharma, **Rita Sharma**, Praveen Kumar, R. Thangaraj, Asokan Kandasami Md. Rais Mian. (2018) Structural, optical, and photoelectrical properties of thermally annealed amorphous, *Applied Physics*, Article number: 357. **IF-2.8**.
29. Siddharth D, Deepak K M, Ashutosh A, Sudhanshu Dubey, **Shivaji Bole**. (2018). Study Of Glucose Uptake Activity Of Aegle marmelos Ethanolic Extract On Liver Cell Line By Flow Cytometry, *World Journal Of Pharmacy And Pharmaceutical Sciences*, Vol. 7, Issue-6, 04-18. **IF: 7.421**
30. **Sajana B M**. (2018). A Comparative study of the Rivest Shamir Adeleman digital signature and the digital signature standard, *The Oxford Journal of Science and Research*, Vol. 1(1).
31. **Bharathi S, Promod T and Yogesh**. (2018). Evaluation of urban waste as substrate and its influence on sustainable biomethanation process, *The Oxford Journal of Science and Research*, Vol. 1(1).
32. **Satyaveena V**, Anusha M, and **Gayathri Sudhir**. (2018). Enhancement of OFDM system by PAPR reduction. *The oxford Journal of Sciences and Research*, Vol.1(1).
33. **Pavana Kamath P** and D M Mahishi. (2018). A study on faecal matter contamination of ground water resource in Attibele village. *The oxford Journal of Sciences and Research*, Vol.1(1).
34. **Prathiba K Nair**, D Siddhartha and Gayathri Sudhir. (2018). Communication system for Home automation. *The Oxford Journal of Science and Research*. Vol.1(1).
35. **Rajeshwari H Patel**, Pooja K, Manjula S, Mercy J and Artituljapure. (2018). Anti-cancer activity of Piper betel leaf extract on human lung cancer cell line. *The Oxford Journal of Science and Research*. Vol.1(1)
36. **Debarati Chakraborty** and Nandan Kumar Dhir. (2018). Green methodology development applying UPLC technique. *The Oxford Journal of Science and Research*. Vol.1(1).

37. **Abdul N** and Vedamurthy A B.(2018). Invitro micro propagation studies in *Alstonia scholaris*:a valuable medicinal plant. The Oxford Journal of Science and Research.Vol.1(1)
38. **Umesh H.R**, Ranjith Kumar, and **Poornima K.** (2018). Production Enhancement of Anticancer Drug Taxol by Physical and Chemical Mutagenesis of Endophytic Fungus *Pestalotiopsis versicolor* (2018). The Oxford Journal of Science and Research.Vol.1(1).
39. **Prakash. P**, KareemaAyesh S, Snigdha Singh and **Sangita Roy**. (2018) Usage of jackfruit rind waste for making crude mannanase by the *Bacillus* sp, 12A. The Oxford Journal of Science and Research. Vol.1(1).
40. Srilatha. R, Sumantha. H.S, Sandeep. K and Farzana. M.(2018). Structural and Morphological Studies of Copper Doped K- Birnessite Borate Powders. The Oxford Journal of Science and Research.Vol.1(1).
41. **Deepa Gopinath** and Ashalatha S. Nair. (2018). In vitro Production of Diosgenin under Varying Concentrations of Sucrose and Cholesterol in *Solanum trilobatum* Linn. The Oxford Journal of Science and Research.Vol.1(1).
42. Divya S. Aind and **R. Kavyashree**. (2018). Optimization of the Conditions of *Agrobacterium tumefaciens* Infection in Stevia Leaf and Induction of Callus. The Oxford Journal of Science and Research.Vol.1(1).
43. Sayad Nanda, Awetha Manna, **Deepthi varier**, (2018). Spore bearing pathogenic microbes on ancient artifacts of Chandraketugarh. European Journal of Biomedical and Pharmaceutical Sciences. (5) 1008-1011. **IF: 6.04**
44. **Narayana Swamy V.** (2019). Dyeing of cotton and silk fabrics using *Careyaarborea* bark. Man made textile in india. 343-347. **IF: 0.09**
45. **M. Nandhini**, S.B. Rajini, A.C. Udayashankar, S.R. Niranjana, Ole S. Lund, H.S. Shetty, H.S. Prakash. (2019), Biofabricated zinc oxide nanoparticles as an eco-friendly alternative for growth promotion and management of downy mildew of pearl millet, Crop Protection.Vol 121, Pages-103-112. **IF-3.03**
46. Rajini Sollepura Boregowda, **Nandhini Murali**, Arakere C. Udayashankar, Siddapura R. Niranjana,Ole S. Lund and Harischandra S. Prakash.(2019) Antifungal Activity of *Eclipta alba* Metabolites against Sorghum Pathogens, Plant, Vol 8,72. **IF-4.6**
47. Rashmi Nagesh, **K M Kiran Kumar**, M Naveen Kumar, **Rajeshwari H Patil**, S Chidananda Sharma, (2019) Stress activated p38 MAPK regulates cell cycle via AP-1 factors in areca extract exposed human lung epithelial cells, Cytotechnology,71, Pages-507-520. **IF-2.2**
48. M Naveen Kumar, R L Babu, Rajeshwari H Patil, **K M Kiran Kumar**, Shubha M Hegde, Rashmi Nagesh, K Kavya, Govindarajan T Ramesh, S Chidananda Sharma, C Srinivas (2019) Protein kinases orchestrate cell cycle regulators in differentiating BeWo choriocarcinoma cells Molecular and Cellular Biochemistry.452, Pages-1-15. **IF-4.3**
49. A. C. Udayashankar, **M. Nandhini**, S. B. Rajini and H. S. Prakash. (2019) Pharmacological significance of medicinal herb *Eclipta alba* L.-A review. International Journal of Pharmaceutical Sciences and Research. Vol 10, Issue 8, Pages-3592-3606.
50. Radhika Sharma, Priya Battu, Mandakini Singla, **Neha Goyal**, Vijay L Sharma (2019). Expression Profile of Markers of Oxidative Stress, Injury and Apoptosis in anti-tuberculosis drugs induced nephrotoxicity. Nephrology, Vol 24, Issue 7, Pages 689-695. **IF-2.3**
51. Radhika Sharma, **Neha Goyal**, Mandakini Singla, Vijay Lakshmi Sharma. (2019). *Berberis aristata* Ameliorates Testicular Toxicity Induced by Combination of First- Line Tuberculosis Drugs (Rifampicin + Isoniazid + Pyrazinamide) in Normal Wistar Rats. Journal of Dietary Supplements, Vol 16, Issue 4, Pages- 417-430.
52. P. Murali Krishna, **Gopal Reddy N B.** (2019). Synthesis, structural studies, molecular docking and DNA binding studies of 4 N-substituted hydrazinecarbothioamides. Journal of Molecular structure. 1175, 97-104. **IF:3.841**
53. Shivaraj B. Patil, **S.B. Patil**, G Nagaraju, A.V. Raghu, K. Raghava Reddy, (2019). Recent advances in non-metals-doped TiO<sub>2</sub> nanostructured photocatalysts for visible-light driven hydrogen production, CO<sub>2</sub> reduction and air purification. International Journal of Hydrogen Energy. Vol. 44(26), 13022-13039. **IF-7.1**
54. **NarayanaSwamy. V.** (2019). Extraction and application of eco-friendly dye from plant waste, International Journal of Current Agricultural Sciences, Vol-9, Issue- 01(A), 342-346. **IF: 0654**

55. **Arkajit Ganguly**, Uma Devi H.M, Arijit Pani, Bharathi S. (2019) Antimicrobial, Antioxidant and Anti-Diabetic activity of Leaf, stem and root extract of *Justicia adhatoda* and *Vitex negundo*, World Journal Of Pharmacy And Pharmaceutical Sciences, Vol. 8, Issue 5. 1083-1095. **IF:3.37**
56. **R. Kavyashree**, (2019). In vitro microrhizome formation and its regeneration in *Zingiber officiale*, International Journal of Current Research, Vol. 11, Issue 07, pp 582-5823. **IF: 7.749**
57. **Sajana Balan Manian**. (2019). An in depth study of the rivestshamiradleman public key cryptography, The Oxford Journal of Science and Research, Vol. 2, Issue-1, 1-3.
58. **Bharathi S**. (2019). Biofertilizer assay of phosphate solubilizing bacteria isolated from western ghats, The Oxford Journal of Science and Research, Vol. 2, Issue-1, 4-9.
59. **Prathibha K Nair**, Ravi S, Khan A M, (2019). Comparative analysis of wavelet transform for medical image denoising, The Oxford Journal of Science and Research, Vol. 2, Issue-1, 10-15.
60. **Sowjanya V**, Bangera K. V, Shivakumar G. K. (2019). Effect of bismuth doping on structural and electrical properties of  $In_2Te_3$  thin films. The Oxford Journal of Science and Research, Vol. 2, Issue-1, 33-38.
61. **Raji Sukumar**, Athira M. Sarath, Ruchita Aggarwal, Deepika U. (2019). Effect of dietary yeast on the growth and performance of *Drosophila melanogaster*, The Oxford Journal of Science and Research, Vol. 2, Issue-1, 39-42.
62. Prabhleen Kaur, Priya Neekhra, Aditya Rao, **Sangita Shah**, (2019). Effect of different food media on the gut microbiota of the larvae of wild type *Drosophila melanogaster*, The Oxford Journal of Science and Research, Vol. 2, Issue-1, 43-47.
63. **Deepa Gopinath**, (2019). In vitro pollen germination study in four species of dianthus Alice, Tenzin Younten, The Oxford Journal of Science and Research, Vol. 2, Issue-1, 52-59.
64. **Yogesh BJ**, (2019), Isolation of potential manganese reducing bacteria from submerged soil of open mine pit, The Oxford Journal of Science and Research, Vol. 2, Issue-1, 60-64.
65. **Pramod T**. (2019). Potential Vesicular Arbuscular Mycorrhiza Isolates from Western Ghats and their Biofertilizer Assay, The Oxford Journal of Science and Research, Vol. 2, Issue-1, 65-71.
66. **Pavana Kamath P**, Anthony S. Baidya, Kumara Sinduja, Anusree Nath, Suramya Nair, The Oxford Journal of Science and Research, Vol. 2, Issue-1, 72-81.
67. Bhawani Kumar, Arunkumar Saravanan, Ayush Victor, Saranya Sivaraj, Magesh Haridoss, **Kamatchi Chandrasekar**, (2019). "Evaluation and Molecular docking of Benzimidazole and its derivatives as a potent antibacterial agent" Asian Journal of Microbiol Biotech Env Sc, Vol. 12(4), 1835-1847. **IF:3.2**
68. **Kavyashree .R**. (2019). Quality enhancement and sustenance to achieve excellence in higher education institution-An integrated approach. NSQESHE-2019 (Conference proceedings).
69. **Sayantan Chatterjee, Evan Joseph, Salai S. Sumukhi, Kokila Srinivasa**. (2020). In-vitro Analysis of Antioxidant and Anti-inflammatory potential of the leaf extract of *Kalanchoe laciniata* (L.). The Oxford Journal of Science and Research, Vol. 3, Issue-1, 6-11.
70. **B S Sumedha, S Sri Sakthiyalini, Sangita Shah**. (2020). Effect of different concentrations of dietary yeast on the behaviour and the gut microbiota in the third instar larvae of wild type *Drosophila Melanogaster*, The Oxford Journal of Science and Research, Vol. 3, Issue-1, 12-16.
71. **Rohit Das, Priti Kumari, Muskan Kumari, Akshatha Banadka**. (2020). Templated DNA Technology: The Future is Waiting. The Oxford Journal of Science and Research, Vol. 3, Issue-1, 25-30.
72. **S.B. Patil**, G. Nagaraju, H. S. Bhojya Naik. (2020). Orange juice facilitated eco-friendly synthesis of visible light active  $ZnFe_2O_4$  nanoparticles and its photocatalytic applications, The Oxford Journal of Science and Research, Vol. 3, Issue-1, 39-44.
73. N. S. Pavithra, G. Nagaraju, **S. B. Patil**, (2021). Ionic liquid assisted hydrothermal synthesis of  $ZnWO_4$  nanoparticles used for photocatalytic applications. International journal of Ionics. Vol. 27(8), 3533-3541. **IF:2.9**
74. **Raji Sukumar**. (2020). Antagonistic Activity of Lactobacillus isolated from the gut of *Drosophila melanogaster*, The Oxford Journal of Science and Research, Vol. 3, Issue-1, 45-52.
75. **Patil S.B**, Nagaraju Ganganagappa, K. R. Reddy, A. Raghu, C. V. Reddy. (2020) Recent progress in metal doped  $TiO_2$ , non-metal doped/codoped  $TiO_2$  and  $TiO_2$  nanostructured hybrids for enhanced photocatalysis. International journal of hydrogen generation, Volume 45, Issue 13, Pages 7764-7778 **IF 7.2**

76. **Umesh H R**, Ramesh K S, (2020) Molecular docking studies of phytochemicals against trehalose-6-phosphate phosphatases of pathogenic microbes. Beni-Suef University Journal of Basic and Applied Sciences. **IF-0.86**
77. Anusha Alamuri, K Vinod Kumar, S SowjanyaKumari, **L Linshamol**, R Sridevi , M Nagalingam , Parimal Roy , V Balamurugan. (2020). Expression of Recombinant Leptospiral Surface Lipoprotein-Lsa27 in E. coli and Its Evaluation for Serodiagnosis of Bovine Leptospirosis by Latex Agglutination Test- Molecular Biotechnology 2020-Vol-62, Pages 598–610. **IF-2.86**
78. R. Sharmila, **kavisa Ghosh**, s. Manoharan. (2020) Rewiring of chemically modified MAPK pathway and its downstream targets by rosmarinic acid in mice dermal cancer. Journal of Information and Computational Science. Vol 10, Pages 1047-1063
79. Sollepura B. Rajini, **Murali Nandhini**, Arkere C. Udayashankar, Siddapura R. Niranjana, Ole S. Lund, Harischandra S. Prakash. (2020) Diversity, plant growth-promoting traits, and biocontrol potential of fungal endophytes of Sorghum bicolor, Plant Pathology, Vol 69, Issue 4, Pages 599-803. **IF 2.7**
80. **Mausam Ghosh** (2020) Chitotriosidase, a biomarker of amyotrophic lateral sclerosis, accentuates neurodegeneration in spinal motor neurons through neuroinflammation Journal of Neuroinflammation. Vol 17 (1). **IF-9.5**
81. **NarayananSwamy.V.** (2020), Analysis and Study of Effect of Natural Dye from Bombax malabarica on Silk Fabric, Clothing and Textiles Research Journal, Vol 38, Issue 1, Pages 49-58. **IF 2.1**.
82. Shaveta Sharma, **Rita Sharma**, Praveen Kumar, R. Thangaraj, K. Asokan , M. Mian. (2020) Effect of gamma irradiation on structure and photoconductivity of amorphous Sb30Se70 chalcogenide films, Non-Crystalline Solids, Vol 530. **IF 4.4**
83. Rita Sharma,Shaveta Sharma,Praveen Kumar,R. Thangaraj. (2020) Influence of phase transformation on structure–property relationship in quaternary In10Sb10Ag10Se70 chalcogenide films, Journal of Materials Science: Materials in Electronics. Vol 27. **IF-2.7**
84. Arindam Mukhopadhyay, Swati Jindal, **Govardhan Savitha**, and Jarugu Narasimha Moorthy. (2020). Temperature-Dependent Emission and Turn-Off Fluorescence Sensing of Hazardous “Quat” Herbicides in Water by a Zn-MOF Based on a Semi-Rigid Dibenzochrysene Tetraacetic Acid Linker, Inorganic Chemistry, Vol-59, 9, Pages-6202–6213. **IF-5.4**
85. **Pooja. M.** Dyapanagoudar, Sony **Samuel**. (2020). Role of technological discoveries in human life – Review, The Oxford Journal of Science and Research, Vol. 3, Issue-1, 53-54.
86. **Yogesh B.J, Bharathi S, Pramod T.** (2020). Role of microbial Inoculum on sustainable biomethanation from Urban Waste based laboratory scale biogas digesters, The Oxford Journal of Science and Research, Vol. 3, Issue-1, 55-59.
87. **Veena M R, Bharathi S, Vienna Dorothy Fernandes.** (2020). Anaerobic Digestion of Different Substrate: Comparative studies, The Oxford Journal of Science and Research, Vol. 3, Issue-1, 60-64.
88. **NarayanaSwamy. V.** (2020). Analysis and Study of Effect of Natural Dye From Bombax malabarica on Silk Fabric, Clothing and Textiles Research Journal., **IF: 2.1**
89. **S.B. Patil**, Shivaraj B. Patil, G Nagaraju, A.V. Raghu A.V, K. Raghava Reddy, (2020) **Review article:** Recent progress in metal-doped TiO<sub>2</sub>, non-metal doped/codoped TiO<sub>2</sub> and TiO<sub>2</sub> nanostructured hybrids for enhanced photocatalysis. International journal of hydrogen generation. 45, 7764-7778. **I.F-7.2**
90. **Sunil kumar Sahoo**. (2020). An optimized hybrid channel allocation algorithm to minimize call blocking and call dropping in cellular mobile network, virtual conference on artificial intelligence, network security, data science and IOT.
92. **Pramod T.** (2021), Isolation and Screening L-Asparaginase Producing Microbial Strains from Marine Soil of Kerala, India, Indian Journal of Natural Sciences, Vol.12, Issue-67.32852-32857. **IF:2.45**
93. **Kamatchi C**, (2021) Designing and recognition of internal Transcribed spacer Region in Solanum Species, Journal of Natural Remedies, Vol. 22(2). **IF:0351**
94. **Kokila S.** (2021). A Review on CRISPR-Cas9 and Its Role in Cancer Immunotherapy, European Journal of Biological Research, Vol. 11(4), 458-479.
95. **Manjunath G.** (2021). Publishing practices of faculty members: A survey: Library Philosophy and Practice.

96. **S. B. Patil**, Shivaraj B. Patil, S. Deepa, Udayabhanu, G. Nagaraju, and B. E. Kumara Swamy, (2021). Multifunctional NiFe<sub>2</sub>O<sub>4</sub> nanoparticles for sodium-ion batteries, sensing, and photocatalysis, New Journal of Chemistry, Vol-45, 21732-21471. **IF:4**
97. K. Bhuvaneswari, G. Palanisamy , G. Bharathi , T. Pazhanivel , Indra Raj Upadhyaya , **M.L Aruna Kumari** , R.P. Rajesh , Mani Govindasamy , Ayman Ghfar , Nora Hamad Al-Shaalan .(2021) .Visible light driven reduced graphene oxide supported ZnMgAl LTH/ZnO/g- C3N4 nanohybrid photocatalyst with notable two-dimension formation for enhanced photocatalytic activity towards organic dye degradation, Environmental Research, Vol 197. **IF-8.4**
98. Siva Chidambaram, Mohan Kumar Ganesan, Muthusamy Sivakumar, Saravanan Pandiaraj, Muthumareeswaran Muthuramamoorthy, Santhosh Basavarajappa , Abdulaziz Abdullah Al-Kheraif , **M.L. Aruna kumari** , Andrews Nirmala Grace, (2021) Au integrated 2D ZnO heterostructures as robust visible light photocatalysts. Chemosphere, Vol 280. **IF-8.9**
99. J. Theerthagiri, S. J. Lee, K. Karuppasamy, J. Park, **M. L. ArunaKumari**, S. Chandrasekaran,(2021),Fabrication strategies and surface tuning of hierarchical gold nanostructures for electrochemical detection and removal of toxic pollutants, Journal of Hazardous Materials. Vol. 420, 126648, **IF-14.2**
100. **M.L.Aruna Kumari**, L. Gomathi Devi, Gilberto Maia, Tse-Wei Chen, Nabil Al-Zaqri, M.Ajmal Ali, (2021),Mechanochemical synthesis of ternary heterojunctions TiO<sub>2</sub>(A)/TiO<sub>2</sub>(R)/ZnO and TiO<sub>2</sub>(A)/TiO<sub>2</sub>(R)/SnO<sub>2</sub> for effective charge separation in semiconductor photocatalysis: A comparative study Environmental Research. Vol 203, 11184. **IF-8.4**
101. **Linsha Mol.** (2021) Evaluation of the diagnostic potential of recombinant leptospiral OMP A- like protein (Loa22) and transmembrane (OmpL37) protein in latex agglutination test for serodiagnosis of leptospirosis in animals, Letters in applied Microbiology, Vol 72, Pages-730-740. **IF-2.8**
102. **Kokila.S**,Varadally R Devraj. (2021), A comparative study of ESTs induced under Drought and Salinity stress in Hyacinth Bean (Lablab purpureus), American Journal of Plant Sciences, Vol 12. **IF-1.2**
103. S. Biswas, **P. Nayek**, P. Maji & S. Sahoo. (2021). Lepton flavour violating  $\{\Lambda\}_{\{b\}}$  decays in non-universal  $\{Z\}^{\prime}$  model, The European Physical Journal C. **IF-4.9**
104. **Sushil Kumar Sahoo.** (2021). An Efficient Hybrid Channel Allocation Algorithm in Cellular Mobile Communication Systems, International Journal of Combined Research & Development
105. **Susil Kumar Sahoo.** (2022). An Effectual Algorithm on Hybrid Channel Allocation In Cellular Mobile Network, International Journal of Combined Research & Development (IJCRD), Vol-11, Issue-1, 617-629.
106. **Vinita Taapskar.** (2022). A REVIEW PAPER: BIG DATA PROCESSING AND APPLICATIONS, International Journal of Current Engineering And Scientoific Research (IJCESR), Vol-9, Issue-2.
107. **Deepa V H, Harshitha S, Payel Sarkar.** (2022). Evaluation of the antimicrobial effect of Raphanus sativus, Beta vulgaris and allium cepa on pathogenic bacteria isolated from stress-side cut fruits, international journal of health sciences and research, Vol-12, Issue-10. **IF:**
108. **Nirmala Nair**, (2022). Advances in cell free protein synthesis - A review, The International Journal of Analytical and Experimental Modal Analysis, Vol-14, Issue-4.
109. **Kavisa Ghosh**, (2022). Vitamins and coenzymes and their significance in metabolism, Science Technology and Development Journal, Vol-11, Issue-4. 461-468. **IF:6.1**
110. **Deepa Gopinath.** (2022). Study of Floral Biodiversity of Water Bodies near HSR Layout, Bangalore, to Evaluate Water Pollution, Applied Ecology and Environmental Sciences, Vol-10, 417-423.
111. **Susil Kumar Sahoo.** (2022). A Survey on Channel Allocation Schemes in Cellular Mobile Network, International Journal of Current Engineering and Scientific Research, Vol-9, Issue-3.
112. **Kavisa Ghosh.** (2022). Lipids, lipoproteins, lipid dysfunction and their role in atherosclerosis and Alzheimer's disease, The International Journal Of Analytical And Experimental Modal Analysis, Vol-14, Issue-4,1715-1732.
113. **Kamatchi.C.** (2022). Molecular and Biochemical Characterization of Hypothyroid Patients in Chennai, Biomedical and Pharmacology Journal, Vol-15(4), 2157-2169.
114. **Sandhya Lekshmi K.** (2022). A Discrete Approach to Surface Embellishments on Rexene Accessories on Women's Casual Wear Garments, International Journal of Science and Research.

115. **Nirmala Nair.** (2022). Platform Technologies Govern Bioprocess Development of Industrial Enzymes, High Technology Letters, Vol-28, Issue-5, 165-172. **IF:2.7**
116. **B.J. Yogesh, T. Pramod and R. Kavyashree.** (2022). Isolation, Characterization and Production of Menaquinone-7 (MK-7) From *Bacillus Sp.*, Indian Journal of Natural Sciences, Vol-13, Issue-71, 40104-40109. **IF:2.45**
117. **Kavisa Ghosh.** (2022). Structure, synthesis, function and physiological significance of opioid peptides-Enkephalins and Endorphins, Journal of Interdisciplinary Cycle Research,
118. **Kavyashree. R,** (2022). In vitro evaluation of antimicrobial, antioxidant and cytotoxic effect of ethonobotanically important plant *Cissus repens*, Journal of Medical Sciences, Vol-22, Issue-3, 119-127.
119. **Ashrith R P, Avinash B and Smitha S D.** (2022). Weighted Sharing and Uniqueness of Entire Functions Whose difference polynomials Sharing a polynomial of certain degree, International Journal of Mathematics Trends and Technology, Vol-68, Issue-1, 130-142.
120. **Vinita Taapskar.** (2022). Comparison Of Intrusion Detection And Prevention Systems Using Data Mining, International Journal of Current Engineering And Sceintific Research ( IJCESR), Vol-9, Issue-2.
121. **Susil Kumar Sahoo.** (2022). Assessment on Dynamic & Hybrid Channel Allocation in Mobile Network, International Journal of Combined Research & Development(IJCRD), Vol-11, Issue-6, 111-124.
122. C. Ngullie, P. Shanmugam, M. H. Mahmoud, U. P. S. Prabhakar, **M.L. Aruna Kumari**, M. S. Akhtar, **Kumari.** (2022). Fabrication of biomass derived carbon supported iron oxide composites for antibacterial and antifungal activity, Materials Letters, Vol-312, 131664 **IF:3.5**
123. S. Yeon, S. J. Lee, J. Kim, T. Begildayeva, A. Min, J. Theerthagiri, **M.L. Aruna Kumari**, L. M.C. Pinto, H. Kong, M.Y. Choi. (2022). Sustainable removal of nitrite waste to value-added ammonia on Cu@Cu<sub>2</sub>O core-shell nanostructures by pulsed laser technique, Environmental Research, Vol-215. 114154. **IF-8.43**
124. J. Theerthagiri, K. Karuppasamy, J. Park, N. Rahamathulla, **M. L. Aruna Kumari**, M.K. R. Souza · E. S. F. Cardoso, A. P. Murthy, G. Maia, H-S Kim, M. Y. Choi, (2022). Electrochemical conversion of biomass-derived aldehydes into fine chemicals and hydrogen, Environmental Chemistry Letters, Vol-21, 1555-1583. **IF-13.6**
125. J. Theerthagiri, K. Karuppasamy, A. Min, D. Govindarajan, **M. L. ArunaKumari**, G. Muthusamy, S. Kheawhom, H-S Kim, M. Y. Choi, (2022). Unraveling the fundamentals of pulsed laser assisted synthesis of nanomaterials in liquids: Applications in energy and the environment, Applied Physics Reviews. Vol-9, 041314. **IF:19.5**
126. Shwetha, P. G. Shivarathr, **M. L. ArunaKumari**, Divyashree K. S, Mruthyunjayachari, Harish M. N. K., (2022). Mechanochemical route for tetra amino zinc phthalocyanine embedded PANI sensitized Fe<sub>2</sub>O<sub>3</sub> heteroarchitecture for photodegradation of dyes under the influence of low power LED light source, Surface interfaces, Vol-29. 101720. **IF:3.57**.
127. **Kamatchi.C.** (2022). Role of nanomaterials in deactivating multiple drug resistance efflux pumps–A review, Environmental Research, Vol-204. **IF-8.43**.
128. **Umesh H.R., Neha B.M.** (2022), Perspectives and Recent Advances in Taxol Producing Endophytic Fungal Research, Research & Reviews: A Journal of Life Sciences. Vol 12, No 1.
129. **Nirmal Nair,** (2022), Digital PCR – Counting DNA molecule by molecule. Science, Technology and Development Journal. **IF-6.1**
130. Nimisha Satish, Angitha Balan, K. Aswini, **R. Kavyashree**, Roopa Reddy, S. Swetha, Sandeep Suryan.(2022) In vitro evaluation of antimicrobial, antioxidant and cytotoxic effect of ethonobotanically important plant *Cissus repens*, Journal of Medical Sciences, Vol 22 (3), Pages-119-127.
131. Nibedita Dey a, Sundaram Vickram a, Sundaram Thanigaivel b, **Chandrasekaran Kamatchi** (2022) Graphene materials: Armor against nosocomial infections and biofilm formation – A review Chandrasekaran Kamatchi Environmental Research,Vol 214. **IF-8.4**
132. **Prathiba K Nair,** (2022), An Enhanced Method for Medical Image Encryption And Data Hiding, International Journal of Research and Analytical-Reviews (IJRAR)
133. **Vinita Tapaskar,Raghavendra Rao B** (2022) A REVIEW PAPER: BIG DATA PROCESSING AND APPLICATIONS, International Journal of Current Engineering And Scientific Research (IJCESR),Vol 9,issue 2, 14-19.