

Thiagarajan Raman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12134334/publications.pdf>

Version: 2024-02-01

27
papers

950
citations

567281

15
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

1668
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Remediation of textile effluents for water reuse: Decolorization and desalination using <i>Escherichia fergusonii</i> followed by detoxification with activated charcoal. <i>Journal of Environmental Management</i> , 2021, 277, 111406. | 7.8 | 14 |
| 2 | Predictive nanotoxicology: from nanotoxicity to nanosafety of select and commonly used nanomaterials. , 2021, , 459-477. | | 0 |
| 3 | An insight on 7- ketocholesterol mediated inflammation in atherosclerosis and potential therapeutics. <i>Steroids</i> , 2021, 172, 108854. | 1.8 | 17 |
| 4 | Amarogentin, a secoiridoid glycoside, activates AMP- activated protein kinase (AMPK) to exert beneficial vasculo-metabolic effects. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1270-1282. | 2.4 | 18 |
| 5 | Ursolic acid inhibits colistin efflux and curtails colistin resistant Enterobacteriaceae. <i>AMB Express</i> , 2019, 9, 27. | 3.0 | 20 |
| 6 | Curcumin and molecular targets in eye diseases. <i>Studies in Natural Products Chemistry</i> , 2019, 63, 339-356. | 1.8 | 0 |
| 7 | Jacalin capped platinum nanoparticles confer persistent immunity against multiple <i>Aeromonas</i> infection in zebrafish. <i>Scientific Reports</i> , 2018, 8, 2200. | 3.3 | 16 |
| 8 | Hyperglycemia-Induced Oxidative-Nitrosative Stress Induces Inflammation and Neurodegeneration via Augmented Tuberous Sclerosis Complex-2 (TSC-2) Activation in Neuronal Cells. <i>Molecular Neurobiology</i> , 2017, 54, 238-254. | 4.0 | 52 |
| 9 | Purification and characterisation of a pronase-inducible lectin isolated from human serum. <i>International Journal of Biological Macromolecules</i> , 2017, 99, 443-453. | 7.5 | 1 |
| 10 | Exploration of Antifungal and Immunomodulatory Potentials of a Furanone Derivative to Rescue Disseminated Cryptococcosis in Mice. <i>Scientific Reports</i> , 2017, 7, 15400. | 3.3 | 10 |
| 11 | Effect of surfactant in mitigating cadmium oxide nanoparticle toxicity: Implications for mitigating cadmium toxicity in environment. <i>Environmental Research</i> , 2017, 152, 141-149. | 7.5 | 49 |
| 12 | Bioactive Molecule from <i>Streptomyces</i> sp. Mitigates MDR <i>Klebsiella pneumoniae</i> in Zebrafish Infection Model. <i>Frontiers in Microbiology</i> , 2017, 8, 614. | 3.5 | 24 |
| 13 | ASK2 Bioactive Compound Inhibits MDR <i>Klebsiella pneumoniae</i> by Antibiofilm Activity, Modulating Macrophage Cytokines and Opsonophagocytosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 346. | 3.9 | 18 |
| 14 | Magnesium Ion Acts as a Signal for Capsule Induction in <i>Cryptococcus neoformans</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 325. | 3.5 | 18 |
| 15 | Review on fungal enzyme inhibitors " potential drug targets to manage human fungal infections. <i>RSC Advances</i> , 2016, 6, 42387-42401. | 3.6 | 20 |
| 16 | Platinum nanoparticles inhibit bacteria proliferation and rescue zebrafish from bacterial infection. <i>RSC Advances</i> , 2016, 6, 44415-44424. | 3.6 | 80 |
| 17 | Dithiazole thione derivative as competitive NorA efflux pump inhibitor to curtail multi drug resistant clinical isolate of MRSA in a zebrafish infection model. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9265-9281. | 3.6 | 26 |
| 18 | Future prospects of antibacterial metal nanoparticles as enzyme inhibitor. <i>Materials Science and Engineering C</i> , 2016, 68, 939-947. | 7.3 | 77 |

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|----|--|-----|-----------|
| 19 | Cytoprotective mechanism of action of curcumin against cataract. <i>Pharmacological Reports</i> , 2016, 68, 561-569. | 3.3 | 17 |
| 20 | Synthesis of Co ₃ O ₄ nanoparticles with block and sphere morphology, and investigation into the influence of morphology on biological toxicity. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 553-560. | 1.8 | 47 |
| 21 | Lutein and cataract: from bench to bedside. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 829-839. | 9.0 | 50 |
| 22 | Hypoglycemic action of vitamin K1 protects against early-onset diabetic nephropathy in streptozotocin-induced rats. <i>Nutrition</i> , 2015, 31, 1284-1292. | 2.4 | 11 |
| 23 | Synthesis of silver nanoparticles using <i>Solanum trilobatum</i> fruits extract and its antibacterial, cytotoxic activity against human breast cancer cell line MCF 7. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 140, 223-228. | 3.9 | 120 |
| 24 | Biosynthesis of silver nanoparticles using ethanolic petals extract of <i>Rosa indica</i> and characterization of its antibacterial, anticancer and anti-inflammatory activities. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 138, 120-129. | 3.9 | 153 |
| 25 | Inhibition of diabetic-cataract by vitamin K1 involves modulation of hyperglycemia-induced alterations to lens calcium homeostasis. <i>Experimental Eye Research</i> , 2014, 128, 73-82. | 2.6 | 34 |
| 26 | Ras and Ras mutations in cancer. <i>Open Life Sciences</i> , 2013, 8, 609-624. | 1.4 | 10 |
| 27 | Agglutinin-mediated phagocytosis-associated generation of superoxide anion and nitric oxide by the hemocytes of the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Fish and Shellfish Immunology</i> , 2008, 24, 337-345. | 3.6 | 45 |