

Kumar Suranjit Prasad

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,139
citations

759055

12
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610775

24
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all docs

26
docs citations

26
times ranked

1324
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Biogenic Synthesis of Selenium Nanoparticles and Their Effect on As(III)-Induced Toxicity on Human Lymphocytes. <i>Biological Trace Element Research</i> , 2014, 157, 275-283. | 1.9 | 154 |
| 2 | Biosynthesis of Se nanoparticles and its effect on UV-induced DNA damage. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 261-266. | 2.5 | 152 |
| 3 | Synthesis of green nano iron particles (GnIP) and their application in adsorptive removal of As(III) and As(V) from aqueous solution. <i>Applied Surface Science</i> , 2014, 317, 1052-1059. | 3.1 | 125 |
| 4 | Role of nano-selenium in health and environment. <i>Journal of Biotechnology</i> , 2021, 325, 152-163. | 1.9 | 122 |
| 5 | Biosorption of arsenite (As ⁺³) and arsenate (As ⁺⁵) from aqueous solution by <i>Arthrobacter</i> sp. biomass. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2701-2708. | 1.2 | 121 |
| 6 | Biogenic synthesis of silver nanoparticles using <i>Nicotiana tobaccum</i> leaf extract and study of their antibacterial effect. <i>African Journal of Biotechnology</i> , 2011, 10, 8122-8130. | 0.3 | 103 |
| 7 | Defluoridation using biomimetically synthesized nano zirconium chitosan composite: Kinetic and equilibrium studies. <i>Journal of Hazardous Materials</i> , 2014, 276, 232-240. | 6.5 | 55 |
| 8 | Biosorption of As(III) Ion on <i>Rhodococcus</i> sp. WB-12: Biomass Characterization and Kinetic Studies. <i>Separation Science and Technology</i> , 2011, 46, 2517-2525. | 1.3 | 52 |
| 9 | Purification and characterization of arsenite oxidase from <i>Arthrobacter</i> sp.. <i>BioMetals</i> , 2009, 22, 711-721. | 1.8 | 51 |
| 10 | Microbial Selenium Nanoparticles (SeNPs) and Their Application as a Sensitive Hydrogen Peroxide Biosensor. <i>Applied Biochemistry and Biotechnology</i> , 2015, 177, 1386-1393. | 1.4 | 46 |
| 11 | Synthesis of water soluble CdS nanoparticles and study of their DNA damage activity. <i>Arabian Journal of Chemistry</i> , 2017, 10, S3929-S3935. | 2.3 | 32 |
| 12 | Biomimetic synthesis of selenium nanoparticles using cell-free extract of <i>Microbacterium</i> sp. ARB05. <i>Micro and Nano Letters</i> , 2012, 7, 1. | 0.6 | 21 |
| 13 | Super-rapid race for saving lives by developing COVID-19 vaccines. <i>Journal of Integrative Bioinformatics</i> , 2021, 18, 27-43. | 1.0 | 14 |
| 14 | Efficient sorption and photocatalytic degradation of malachite green dye onto NiS nanoparticles prepared using novel green approach. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 1986-1992. | 1.2 | 12 |
| 15 | Nanoparticles Based Adsorbent for Removal of Arsenic from Aqueous Solution. <i>Asian Journal of Water, Environment and Pollution</i> , 2019, 16, 97-103. | 0.4 | 11 |
| 16 | Antioxidant activity of selenium nanoparticles biosynthesized using a cell-free extract of <i>Geobacillus</i> . <i>Toxicological and Environmental Chemistry</i> , 2020, 102, 556-567. | 0.6 | 11 |
| 17 | Cumulative human exposure and environmental occurrence of phthalate esters: A global perspective. <i>Environmental Research</i> , 2022, 210, 112987. | 3.7 | 11 |
| 18 | Hydrogel beads containing ginger extract mediated nano-zirconium as an adsorbent for fluoride removal from aqueous solution. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1572-1586. | 1.8 | 9 |

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|----|---|-----|-----------|
| 19 | Removal of fluoride from aqueous solution by mesoporous silica nanoparticles functionalized with chitosan derived from mushroom. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020, 57, 619-627. | 1.2 | 7 |
| 20 | Iron Modification of Biochar Developed from <i>Tectona grandis</i> Linn. F. for Adsorptive Removal of Tetracycline from Aqueous Solution. <i>Analytical Chemistry Letters</i> , 2021, 11, 360-375. | 0.4 | 7 |
| 21 | Calcium Pretreated <i>Pinus Roxburghii</i> Wood Biochar for Adsorptive Removal of Fluoride from Aqueous Solution. <i>Biointerface Research in Applied Chemistry</i> , 2021, 12, 4307-4316. | 1.0 | 7 |
| 22 | Sorptive removal of aqueous arsenite and arsenate ions onto a low cost, calcium modified <i>Moringa oleifera</i> wood biochar (CaMBC). <i>Environmental Quality Management</i> , 0, , . | 1.0 | 5 |
| 23 | Fluoride occurrence, health issues, and removal using adsorption process. <i>Proceedings of the Indian National Science Academy</i> , 2022, 88, 129-141. | 0.5 | 4 |
| 24 | Antibiotic-resistant bacteria in municipal sewage water joining river Ganga, at Prayagraj (India). <i>Gene Reports</i> , 2021, 23, 101175. | 0.4 | 3 |
| 25 | BIOGENIC SELENIUM NANOPARTICLES FOR THEIR THERAPEUTIC APPLICATION. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 0, , 4-9. | 0.3 | 2 |
| 26 | Adsorptive behavior of L-Arginine-silica micro-particles against arsenic and fluoride in aqueous solution. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2022, 17, 100636. | 1.7 | 2 |