# Kumar Suranjit Prasad

List of Publications by Year
in descending order



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|---|---|---|---|
| 26 papers | 1,139 citations | 759055 12 h-index | 610775 24 g-index |
| 26 all docs | 26 docs citations | 26 times ranked | 1324 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Hydrogel beads containing ginger extract mediated nano-zirconium as an adsorbent for fluoride removal from aqueous solution. International Journal of Environmental Analytical Chemistry, 2023, 103, 1572-1586. | 1.8 | 9 |
| 2 | Adsorptive behavior of L-Arginine-silica micro-particles against arsenic and fluoride in aqueous solution. Environmental Nanotechnology, Monitoring and Management, 2022, 17, 100636. | 1.7 | 2 |
| 3 | Cumulative human exposure and environmental occurrence of phthalate esters: A global perspective. Environmental Research, 2022, 210, 112987. | 3.7 | 11 |
| 4 | Fluoride occurrence, health issues, and removal using adsorption process. Proceedings of the Indian National Science Academy, 2022, 88, 129-141. | 0.5 | 4 |
| 5 | Role of nano-selenium in health and environment. Journal of Biotechnology, 2021, 325, 152-163. | 1.9 | 122 |
| 6 | Super-rapid race for saving lives by developing COVID-19 vaccines. Journal of Integrative Bioinformatics, 2021, 18, 27-43. | 1.0 | 14 |
| 7 | Iron Modification of Biochar Developed from Tectona grandis Linn. F. for Adsorptive Removal of Tetracycline from Aqueous Solution. Analytical Chemistry Letters, 2021, 11, 360-375. | 0.4 | 7 |
| 8 | Antibiotic-resistant bacteria in municipal sewage water joining river Ganga, at Prayagraj (India). Gene Reports, 2021, 23, 101175. | 0.4 | 3 |
| 9 | Calcium Pretreated Pinus Roxburghii Wood Biochar for Adsorptive Removal of Fluoride from Aqueous Solution. Biointerface Research in Applied Chemistry, 2021, 12, 4307-4316. | 1.0 | 7 |
| 10 | Antioxidant activity of selenium nanoparticles biosynthesized using a cell-free extract of Geobacillus. Toxicological and Environmental Chemistry, 2020, 102, 556-567. | 0.6 | 11 |
| 11 | Removal of fluoride from aqueous solution by mesoporous silica nanoparticles functionalized with chitosan derived from mushroom. Journal of Macromolecular Science - Pure and Applied Chemistry, 2020, 57, 619-627. | 1.2 | 7 |
| 12 | Nanoparticles Based Adsorbent for Removal of Arsenic from Aqueous Solution. Asian Journal of Water, Environment and Pollution, 2019, 16, 97-103. | 0.4 | 11 |
| 13 | Synthesis of water soluble CdS nanoparticles and study of their DNA damage activity. Arabian Journal of Chemistry, 2017, 10, S3929-S3935. | 2.3 | 32 |
| 14 | Efficient sorption and photocatalytic degradation of malachite green dye onto NiS nanoparticles prepared using novel green approach. Korean Journal of Chemical Engineering, 2015, 32, 1986-1992. | 1.2 | 12 |
| 15 | Microbial Selenium Nanoparticles (SeNPs) and Their Application as a Sensitive Hydrogen Peroxide Biosensor. Applied Biochemistry and Biotechnology, 2015, 177, 1386-1393. | 1.4 | 46 |
| 16 | Biogenic Synthesis of Selenium Nanoparticles and Their Effect on As(III)-Induced Toxicity on Human Lymphocytes. Biological Trace Element Research, 2014, 157, 275-283. | 1.9 | 154 |
| 17 | Synthesis of green nano iron particles (GnIP) and their application in adsorptive removal of As(III) and As(V) from aqueous solution. Applied Surface Science, 2014, 317, 1052-1059. | 3.1 | 125 |
| 18 | Defluoridation using biomimetically synthesized nano zirconium chitosan composite: Kinetic and equilibrium studies. Journal of Hazardous Materials, 2014, 276, 232-240. | 6.5 | 55 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Biosynthesis of Se nanoparticles and its effect on UV-induced DNA damage. Colloids and Surfaces B: Biointerfaces, 2013, 103, 261-266. | 2.5 | 152 |
| 20 | Biosorption of arsenite (As<sup>+3</sup>) and arsenate (As<sup>+5</sup>) from aqueous solution byArthrobactersp. biomass. Environmental Technology (United Kingdom), 2013, 34, 2701-2708. | 1.2 | 121 |
| 21 | Biomimetic synthesis of selenium nanoparticles using cell-free extract of Microbacterium sp. ARB05. Micro and Nano Letters, 2012, 7, 1. | 0.6 | 21 |
| 22 | Biogenic synthesis of silver nanoparticles using Nicotiana tobaccum leaf extract and study of their antibacterial effect. African Journal of Biotechnology, 2011, 10, 8122-8130. | 0.3 | 103 |
| 23 | Biosorption of As(III) Ion onRhodococcussp. WB-12: Biomass Characterization and Kinetic Studies. Separation Science and Technology, 2011, 46, 2517-2525. | 1.3 | 52 |
| 24 | Purification and characterization of arsenite oxidase from Arthrobacter sp.. BioMetals, 2009, 22, 711-721. | 1.8 | 51 |
| 25 | BIOGENIC SELENIUM NANOPARTICLES FOR THEIR THERAPEUTIC APPLICATION. Asian Journal of Pharmaceutical and Clinical Research, 0, , 4-9. | 0.3 | 2 |
| 26 | Sorptive removal of aqueous arsenite and arsenate ions onto a low cost, calcium modified Moringa oleifera wood biochar (CaMBC). Environmental Quality Management, 0, , . | 1.0 | 5 |