

Sivakumar Subpiramanyam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8804693/publications.pdf>

Version: 2024-02-01

42
papers

869
citations

471371

17
h-index

477173

29
g-index

44
all docs

44
docs citations

44
times ranked

1183
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrothermal adsorption and desorption of volatile organic compounds on activated carbon fiber cloth. <i>Journal of Hazardous Materials</i> , 2016, 301, 27-34.	6.5	91
2	Phytosynthesis of silver nanoparticles by <i>Prunus yedoensis</i> leaf extract and their antimicrobial activity. <i>Materials Letters</i> , 2015, 138, 272-275.	1.3	68
3	<i>Prosopis juliflora</i> —A green solution to decontaminate heavy metal (Cu and Cd) contaminated soils. <i>Chemosphere</i> , 2005, 60, 1493-1496.	4.2	66
4	Toxicity of chromium(III) and chromium(VI) to the earthworm <i>Eisenia fetida</i> . <i>Ecotoxicology and Environmental Safety</i> , 2005, 62, 93-98.	2.9	65
5	Heavy metals accumulation in crab and shrimps from Pulicat lake, north Chennai coastal region, southeast coast of India. <i>Toxicology and Industrial Health</i> , 2016, 32, 1-6.	0.6	63
6	Synthesis and characterization comparison of peanut shell extract silver nanoparticles with commercial silver nanoparticles and their antifungal activity. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 31, 51-54.	2.9	60
7	Effects of metals on earthworm life cycles: a review. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 530.	1.3	56
8	Effect of surface modification of anode with surfactant on the performance of microbial fuel cell. <i>International Journal of Energy Research</i> , 2015, 39, 860-868.	2.2	49
9	Outdoor disinfectant sprays for the prevention of COVID-19: Are they safe for the environment?. <i>Science of the Total Environment</i> , 2021, 759, 144289.	3.9	40
10	The immobilization of heavy metals in biosolids using phosphate amendments—Comparison of EPA (6010 and 3051) and selective sequential extraction methods. <i>Journal of Hazardous Materials</i> , 2009, 167, 1033-1037.	6.5	31
11	The Circular RNA-miRNA Axis: A Special RNA Signature Regulatory Transcriptome as a Potential Biomarker for OSCC. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 352-361.	2.3	30
12	Effects of Copper Sulfate and Copper Nitrate in Aquatic Medium on the Restoration Potential and Accumulation of Copper in Stem Cuttings of the Terrestrial Medicinal Plant, <i>Portulaca Oleracea</i> Linn. <i>Environmental Monitoring and Assessment</i> , 2006, 121, 233-244.	1.3	28
13	Effects of selected heavy metals (Pb, Cu, Ni, and Cd) in the aquatic medium on the restoration potential and accumulation in the stem cuttings of the terrestrial plant, <i>Talinum triangulare</i> Linn. <i>Ecotoxicology</i> , 2009, 18, 952-960.	1.1	23
14	Production, optimization and characterization of silver oxide nanoparticles using <i>Artocarpus heterophyllus</i> rind extract and their antifungal activity. <i>African Journal of Biotechnology</i> , 2017, 16, 1819-1825.	0.3	23
15	Mycosynthesis of anticancer drug taxol by <i>Aspergillus oryzae</i> , an endophyte of <i>Tarenna asiatica</i> , characterization, and its activity against a human lung cancer cell line. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 24, 101525.	1.5	22
16	Removal of <i>Cochlodinium polykrikoides</i> by dredged sediment: A field study. <i>Harmful Algae</i> , 2010, 9, 227-232.	2.2	18
17	Selected enzyme activities of urban heavy metal-polluted soils in the presence and absence of an oligochaete, <i>Lampito mauritii</i> (Kinberg). <i>Journal of Hazardous Materials</i> , 2012, 227-228, 179-184.	6.5	18
18	Copper Availability and Accumulation by <i>Portulaca Oleracea</i> Linn. Stem Cutting. <i>Environmental Monitoring and Assessment</i> , 2006, 116, 185-195.	1.3	15

#	ARTICLE	IF	CITATIONS
19	Comparison of the Physical Characteristics of Green-Synthesized and Commercial Silver Nanoparticles: Evaluation of Antimicrobial and Cytotoxic Effects. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 201-208.	1.7	15
20	<i>Portulaca oleracea</i> L. for phytoremediation and biomonitoring in metal-contaminated environments. <i>Chemosphere</i> , 2021, 280, 130784.	4.2	15
21	Short-term influence of phosphate and nitrate on heavy metal accumulation by red alga <i>Acrosorium uncinatum</i> . <i>Environmental Monitoring and Assessment</i> , 2010, 165, 449-460.	1.3	12
22	Photocatalytic degradation of atrazine in aqueous solution using La-doped ZnO/PAN nanofibers. <i>Environmental Science and Pollution Research</i> , 2022, 29, 54282-54291.	2.7	7
23	Crystallization of silver metal by extract of <i>Prunus</i> — <i>yedoensis</i> Matsumura blossoms and its potential characterization. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 31, 39-42.	2.9	6
24	The influence of the earthworm <i>Lampito mauritii</i> (Kinberg) on the activity of selected soil enzymes in cadmium-amended soil. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 74.	1.3	5
25	Responses of <i>Portulaca oleracea</i> Linn. to selenium exposure. <i>Toxicology and Industrial Health</i> , 2015, 31, 412-421.	0.6	5
26	Assessment of foliar dust deposition and elemental concentrations in foliar dust and long rows of grand tamarind leaves along two major roads of Coimbatore, India. <i>Chemosphere</i> , 2021, 264, 128444.	4.2	5
27	Influence of sawdust addition on the toxic effects of cadmium and copper oxide nanoparticles on <i>Vigna radiata</i> seeds. <i>Environmental Pollution</i> , 2021, 289, 117311.	3.7	5
28	Green Crystallization and Characterization of Copper Oxide (CuO) Nanoparticles Using <i>Anacardium occidentale</i> Shell Liquid and their Biomedical Applications. <i>Journal of Nano Research</i> , 2016, 40, 167-173.	0.8	4
29	Deposition of absolute and relative airborne metals on eggshells: a field study. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2313-2319.	2.7	3
30	Novel green synthesis of a reduced graphene oxide/zinc oxide hybrid nanocomposite adsorbent of <i>Prunus</i> <i>Å</i> — <i>yedoensis</i> leaf extract: Its catalytic potential to remove phosphate. , 0, 130, 124-131.		3
31	Isolation, characterization and degradation performance of oxytetracycline degrading bacterium <i>Planococcus</i> sp. strain pw2. <i>Archives of Microbiology</i> , 2022, 204, 122.	1.0	3
32	Influence of Relative Humidity on Germination and Metal Accumulation in <i>Vigna radiata</i> Exposed to Metal-based Nanoparticles. <i>Sustainability</i> , 2020, 12, 1347.	1.6	2
33	Tumorigenesis and diagnostic practice applied in two oncogenic viruses: Epstein Barr virus and T-cell lymphotropic virus-1"Mini review. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111974.	2.5	2
34	Pressure Drop Predictions Using Multiple Regression Model in Pulse Jet Type Bag Filter Without Venturi. <i>Journal of Environmental Science International</i> , 2014, 23, 2045-2056.	0.0	2
35	Toward the direct and online detection of freshness and health-threatening additives in milk. <i>Spectroscopy Letters</i> , 2022, 55, 310-324.	0.5	2
36	Impact of Light and Temperature on Growth, Intracellular and Extracellular Pigment, and Lovastatin Yield by <i>Monascus ruber</i> in Synthetic Medium. <i>Advances in Materials Science and Engineering</i> , 2022, 1-6.	1.0	2

#	ARTICLE	IF	CITATIONS
37	Identification of Equine Heat Shock Proteins Gene and Their mRNA Expression Analysis after Exercise. Journal of Life Science, 2014, 24, 105-111.	0.2	1
38	Facile and Eco-Friendly Fabrication of Silver Nanoparticles Using Nyctanthes arbor-tristis Leaf Extract to Study Antibiofilm and Anticancer Properties against Candida albicans. Advances in Materials Science and Engineering, 2022, 2022, 1-10.	1.0	1
39	Oxytetracycline Degrading Potential of Lysinibacillus sp. Strain 3+I Isolated from Poultry Manure. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-10.	0.5	1
40	Developing a Multimodal Model for Detecting Higher-Grade Prostate Cancer Using Biomarkers and Risk Factors. BioMed Research International, 2022, 2022, 1-13.	0.9	1
41	Survey on Public Responses to Odor Produced at Jangrim-Sinpyoeng Municipal and Industrial Wastewater Treatment Plant in Busan. Korean Journal of Environmental Health Sciences, 2011, 37, 201-208.	0.1	0
42	Stomach-affecting intestinal parasites as a precursor model of <i>Pheretima posthuma</i> treated with anthelmintic drug from <i>Dodonaea viscosa</i> Linn.. Green Processing and Synthesis, 2022, 11, 492-502.	1.3	0