

Murugan Sevanan

List of Publications by Year in descending order

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35
papers

1,312
citations

516710

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434195

31
g-index

35
all docs

35
docs citations

35
times ranked

2234
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal nanoparticles and its application on phenolic and heavy metal pollutants. ChemistrySelect, 2023, 8, 2879-2897.	1.5	2
2	Exploration of GO-CuO nanocomposite for its antibacterial properties and potential application as a chemosensor in the sensing of L-Leucine. Inorganic and Nano-Metal Chemistry, 2022, 52, 1099-1108.	1.6	1
3	GO/NiO nanocomposite: Chemosensor for L-Leucine and a potential antibacterial agent. Materials Today: Proceedings, 2021, 47, 814-818.	1.8	6
4	Adsorption of nickel ions from electroplating effluent by graphene oxide and reduced graphene oxide. Environmental Research, 2021, 199, 111322.	7.5	23
5	A systematic review of molecular approaches that link mitochondrial dysfunction and neuroinflammation in Parkinson's disease. Neurological Sciences, 2021, 42, 4459-4469.	1.9	22
6	Modern Bioremediation Approaches for Clean and Green Environment. , 2021, , 221-237.		0
7	Synthesis, Characterization and Antimicrobial Activity Studies of Chlorocobaloximes with Neutral Bases Containing Amine Functionality. Asian Journal of Chemistry, 2021, 33, 2781-2788.	0.3	0
8	Microbial disease management in agriculture: Current status and future prospects. Biocatalysis and Agricultural Biotechnology, 2020, 23, 101468.	3.1	19
9	Challenges and Opportunities in Repurposing of Drugs: Mini Review. Bangladesh Journal of Medical Science, 2020, 19, 365-371.	0.2	7
10	Chrysin restores MPTP induced neuroinflammation, oxidative stress and neurotrophic factors in an acute Parkinson's disease mouse model. Neuroscience Letters, 2019, 709, 134382.	2.1	32
11	Neuroprotective effect of naringenin against MPTP-induced oxidative stress. International Journal of Neuroscience, 2019, 129, 534-539.	1.6	50
12	Naringenin Decreases α -Synuclein Expression and Neuroinflammation in MPTP-Induced Parkinson's Disease Model in Mice. Neurotoxicity Research, 2018, 33, 656-670.	2.7	52
13	Naringenin protects against 1-methyl-4-phenylpyridinium- induced neuroinflammation and resulting reactive oxygen species production in SH-SY5Y cell line: An in Vitro model of parkinson's disease. Pharmacognosy Magazine, 2018, 14, 458.	0.6	10
14	Production and Characterization of Bacteriocin by Lactic Acid Bacterium- Pediococcus pentosaceus NKSM1 Isolated from Fermented 'Appam' Batter. Journal of Pure and Applied Microbiology, 2018, 12, 1315-1330.	0.9	3
15	Naphthalene based fluorescent chemosensor for Fe ²⁺ -ion detection in microbes and real water samples. Journal of Luminescence, 2017, 188, 217-222.	3.1	40
16	Substitutional impact on biological activity of new water soluble Ni(II) complexes: Preparation, spectral characterization, X-ray crystallography, DNA/protein binding, antibacterial activity and in vitro cytotoxicity. Journal of Photochemistry and Photobiology B: Biology, 2017, 167, 45-57.	3.8	17
17	Isolation and Characterization of Lytic Coliphages from Sewage Water. Journal of Pure and Applied Microbiology, 2017, 11, 559-565.	0.9	4
18	Green synthesis of silver nanoparticles using <i>Zea mays</i> and exploration of its biological applications. IET Nanobiotechnology, 2016, 10, 288-294.	3.8	14

#	ARTICLE	IF	CITATIONS
19	Genotyping of methicillin resistant staphylococcus aureus from tertiary care hospitals in Coimbatore, South India. Journal of Global Infectious Diseases, 2016, 8, 68.	0.5	16
20	Production of Extracellular Laccase from <i>Bacillus subtilis</i> MTCC 2414 Using Agroresidues as a Potential Substrate. Biochemistry Research International, 2015, 2015, 1-9.	3.3	72
21	Antimicrobial activity of zinc and titanium dioxide nanoparticles against biofilm-producing methicillin-resistant <i>Staphylococcus aureus</i> . Applied Nanoscience (Switzerland), 2015, 5, 157-162.	3.1	158
22	Application of Immobilized Laccase from <i>Bacillus subtilis</i> MTCC 2414 on Decolourization of Synthetic Dyes. Research Journal of Microbiology, 2015, 10, 421-432.	0.2	21
23	Production, Purification and Application of Bacterial Laccase: A Review. Biotechnology, 2014, 13, 196-205.	0.1	33
24	Evaluation of Hygienic and Morbidity Status of Food Handlers at Eating Establishment in Coimbatore District, South India – An Empirical Study. Current Research in Nutrition and Food Science, 2014, 2, 131-135.	0.8	3
25	Synthesis, Characterization, and Antimicrobial Activity of Zinc Oxide Nanoparticles Against Human Pathogens. BioNanoScience, 2012, 2, 329-335.	3.5	73
26	The green synthesis, characterization and evaluation of the biological activities of silver nanoparticles synthesized from <i>Iresine herbstii</i> leaf aqueous extracts. Colloids and Surfaces B: Biointerfaces, 2012, 98, 112-119.	5.0	442
27	In vitro biofilm formation by uropathogenic <i>Escherichia coli</i> and their antimicrobial susceptibility pattern. Asian Pacific Journal of Tropical Medicine, 2012, 5, 210-213.	0.8	69
28	Review on Medicinal and Pharmacological Properties of <i>Iresine herbstii</i> , <i>Chrozophora rotteri</i> and <i>Ecbolium linneanum</i> . Tropical Journal of Obstetrics and Gynaecology, 2011, 8, 124-9.	0.3	13
29	Antimicrobial Susceptibility Patterns of <i>Pseudomonas aeruginosa</i> from Diabetes Patients with Foot Ulcers. International Journal of Microbiology, 2011, 2011, 1-4.	2.3	65
30	Phytochemical screening and antimicrobial activity of extracts from leaves and stem of <i>Ecbolium linneanum</i> . Bangladesh Journal of Pharmacology, 2011, 6, .	0.4	1
31	Production of Xylanase from <i>Arthrobacter</i> sp. MTCC 6915 Using Saw Dust As Substrate under Solid State Fermentation. Enzyme Research, 2011, 2011, 1-7.	1.8	27
32	Prevalence and Antimicrobial Susceptibility Pattern of Extended Spectrum β -Lactamases Producing <i>Escherichia coli</i> in Diabetic Foot Infection. Research Journal of Microbiology, 2011, 6, 609-617.	0.2	3
33	Selection of herbal therapeutics against delta toxin mediated Clostridial infections. Bioinformation, 2011, 6, 375-379.	0.5	3
34	Comparison of Non-Enzymic Antioxidant Status of Fresh and Dried Form of <i>Pleurotus florida</i> and <i>Calocybe indica</i> . Pakistan Journal of Nutrition, 2007, 6, 468-471.	0.2	11
35	Synthesis, characterization, X-ray crystal structures and antibacterial properties of cobaloximes with aniline based ligands containing acid functionality. Inorganic and Nano-Metal Chemistry, 0, , 1-12.	1.6	0