

# Murugan Sevanan

## List of Publications by Year in descending order

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35  
papers

1,312  
citations

516710

16  
h-index

434195

31  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2234  
citing authors

#	ARTICLE	IF	CITATIONS
1	The green synthesis, characterization and evaluation of the biological activities of silver nanoparticles synthesized from <i>Iresine herbstii</i> leaf aqueous extracts. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 98, 112-119.	5.0	442
2	Antimicrobial activity of zinc and titanium dioxide nanoparticles against biofilm-producing methicillin-resistant <i>Staphylococcus aureus</i> . <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 157-162.	3.1	158
3	Synthesis, Characterization, and Antimicrobial Activity of Zinc Oxide Nanoparticles Against Human Pathogens. <i>BioNanoScience</i> , 2012, 2, 329-335.	3.5	73
4	Production of Extracellular Laccase from <i>Bacillus subtilis</i> MTCC 2414 Using Agroresidues as a Potential Substrate. <i>Biochemistry Research International</i> , 2015, 2015, 1-9.	3.3	72
5	In vitro biofilm formation by uropathogenic <i>Escherichia coli</i> and their antimicrobial susceptibility pattern. <i>Asian Pacific Journal of Tropical Medicine</i> , 2012, 5, 210-213.	0.8	69
6	Antimicrobial Susceptibility Patterns of <i>Pseudomonas aeruginosa</i> from Diabetes Patients with Foot Ulcers. <i>International Journal of Microbiology</i> , 2011, 2011, 1-4.	2.3	65
7	Naringenin Decreases $\alpha$ -Synuclein Expression and Neuroinflammation in MPTP-Induced Parkinson's Disease Model in Mice. <i>Neurotoxicity Research</i> , 2018, 33, 656-670.	2.7	52
8	Neuroprotective effect of naringenin against MPTP-induced oxidative stress. <i>International Journal of Neuroscience</i> , 2019, 129, 534-539.	1.6	50
9	Naphthalene based fluorescent chemosensor for Fe <sup>2+</sup> -ion detection in microbes and real water samples. <i>Journal of Luminescence</i> , 2017, 188, 217-222.	3.1	40
10	Production, Purification and Application of Bacterial Laccase: A Review. <i>Biotechnology</i> , 2014, 13, 196-205.	0.1	33
11	Chrysin restores MPTP induced neuroinflammation, oxidative stress and neurotrophic factors in an acute Parkinson's disease mouse model. <i>Neuroscience Letters</i> , 2019, 709, 134382.	2.1	32
12	Production of Xylanase from <i>Arthrobacter</i> sp. MTCC 6915 Using Saw Dust As Substrate under Solid State Fermentation. <i>Enzyme Research</i> , 2011, 2011, 1-7.	1.8	27
13	Adsorption of nickel ions from electroplating effluent by graphene oxide and reduced graphene oxide. <i>Environmental Research</i> , 2021, 199, 111322.	7.5	23
14	A systematic review of molecular approaches that link mitochondrial dysfunction and neuroinflammation in Parkinson's disease. <i>Neurological Sciences</i> , 2021, 42, 4459-4469.	1.9	22
15	Application of Immobilized Laccase from <i>Bacillus subtilis</i> MTCC 2414 on Decolourization of Synthetic Dyes. <i>Research Journal of Microbiology</i> , 2015, 10, 421-432.	0.2	21
16	Microbial disease management in agriculture: Current status and future prospects. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 23, 101468.	3.1	19
17	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. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 167, 45-57.	3.8	17
18	Genotyping of methicillin resistant <i>Staphylococcus aureus</i> from tertiary care hospitals in Coimbatore, South India. <i>Journal of Global Infectious Diseases</i> , 2016, 8, 68.	0.5	16

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19	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
20	Review on Medicinal and Pharmacological Properties of <i>Resine herbstii</i> , <i>Chrozophora rottleri</i> and <i>Ecbolium linneanum</i> . Tropical Journal of Obstetrics and Gynaecology, 2011, 8, 124-9.	0.3	13
21	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
22	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
23	Challenges and Opportunities in Repurposing of Drugs: Mini Review. Bangladesh Journal of Medical Science, 2020, 19, 365-371.	0.2	7
24	GO/NiO nanocomposite: Chemosensor for L-Leucine and a potential antibacterial agent. Materials Today: Proceedings, 2021, 47, 814-818.	1.8	6
25	Isolation and Characterization of Lytic Coliphages from Sewage Water. Journal of Pure and Applied Microbiology, 2017, 11, 559-565.	0.9	4
26	Prevalence and Antimicrobial Susceptibility Pattern of Extended Spectrum $\beta$ -Lactamases Producing <i>Escherichia coli</i> in Diabetic Foot Infection. Research Journal of Microbiology, 2011, 6, 609-617.	0.2	3
27	Selection of herbal therapeutics against delta toxin mediated Clostridial infections. Bioinformation, 2011, 6, 375-379.	0.5	3
28	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
29	Production and Characterization of Bacteriocin by Lactic Acid Bacterium- <i>Pediococcus pentosaceus</i> NKSM1 Isolated from Fermented "Appam" Batter. Journal of Pure and Applied Microbiology, 2018, 12, 1315-1330.	0.9	3
30	Metal nanoparticles and its application on phenolic and heavy metal pollutants. ChemistrySelect, 2023, 8, 2879-2897.	1.5	2
31	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
32	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
33	Modern Bioremediation Approaches for Clean and Green Environment. , 2021, , 221-237.		0
34	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
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