

# Kasi Murugan

## List of Publications by Year in descending order

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33  
papers

549  
citations

687363

13  
h-index

642732

23  
g-index

33  
all docs

33  
docs citations

33  
times ranked

860  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis of silver nanoparticles using <i>Acacia leucophloea</i> extract and their antibacterial activity. <i>International Journal of Nanomedicine</i> , 2014, 9, 2431.	6.7	77
2	Anti-biofilm activity of <i>Salvadora persica</i> on cariogenic isolates of <i>Streptococcus mutans</i> in vitro and molecular docking studies. <i>Biofouling</i> , 2012, 28, 29-38.	2.2	58
3	Screening of tannin acyl hydrolase (E.C.3.1.1.20) producing tannery effluent fungal isolates using simple agar plate and SmF process. <i>Bioresource Technology</i> , 2007, 98, 946-949.	9.6	48
4	Syntheses, physicochemical characterization, antibacterial studies on potassium morpholine dithiocarbamate nickel (II), copper (II) metal complexes and their ligands. <i>Heliyon</i> , 2019, 5, e01687.	3.2	35
5	Antibiofilm and quorum sensing inhibitory activity of <i>Achyranthes aspera</i> on cariogenic <i>Streptococcus mutans</i> : An in vitro and in silico study. <i>Pharmaceutical Biology</i> , 2013, 51, 728-736.	2.9	33
6	Urinary catheter indwelling clinical pathogen biofilm formation, exopolysaccharide characterization and their growth influencing parameters. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 150-159.	3.8	33
7	Biocompatible Removal of Tannin and Associated Color from Tannery Effluent using the Biomass and Tannin Acyl Hydrolase (E.C.3.1.1.20) Enzymes of Mango Industry Solid Waste Isolate <i>Aspergillus candidus</i> MTTC 9628. <i>Research Journal of Microbiology</i> , 2010, 5, 262-271.	0.2	27
8	Antimicrobial potential of <i>Streptomyces</i> sp. to the Gram positive and Gram negative pathogens. <i>Journal of Infection and Public Health</i> , 2019, 12, 861-866.	4.1	26
9	Antiaflatoxigenic food additive potential of <i>Murraya koenigii</i> : An in vitro and molecular interaction study. <i>Food Research International</i> , 2013, 52, 8-16.	6.2	19
10	Xerophilic aflatoxigenic black tea fungi and their inhibition by <i>Elettaria cardamomum</i> and <i>Syzygium aromaticum</i> extracts. <i>Saudi Journal of Biological Sciences</i> , 2011, 18, 387-394.	3.8	18
11	Antibiofilm activity of <i>Andrographis paniculata</i> against cystic fibrosis clinical isolate <i>Pseudomonas aeruginosa</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 1661-1668.	3.6	18
12	Retrospective study of antibiotic resistance among uropathogens from rural teaching hospital, Tamilnadu, India. <i>Asian Pacific Journal of Tropical Disease</i> , 2012, 2, 375-380.	0.5	17
13	Identification of source of faecal pollution of Tirumanimuttar River, Tamilnadu, India using microbial source tracking. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 6001-6012.	2.7	16
14	Diversity and Antibacterial Screening of Actinomycetes from Javadi Hill Forest Soil, Tamilnadu, India. <i>Journal of Microbiology Research</i> , 2012, 2, 41-46.	0.3	13
15	Biofilm forming multi drug resistant <i>Staphylococcus</i> spp. among patients with conjunctivitis. <i>Polish Journal of Microbiology</i> , 2010, 59, 233-9.	1.7	13
16	HDACiDB: a database for histone deacetylase inhibitors. <i>Drug Design, Development and Therapy</i> , 2015, 9, 2257.	4.3	12
17	Peptide specific monoclonal antibodies of <i>Leptospiral</i> LigA for acute diagnosis of leptospirosis. <i>Scientific Reports</i> , 2017, 7, 3250.	3.3	11
18	Prevention of aflatoxin contamination of maize by <i>Aspergillus flavus</i> through aqueous plant extracts in Saudi Arabia. <i>African Journal of Microbiology Research</i> , 2012, 6, 6931-6935.	0.4	10

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19	Antibacterial and photocatalytic aspects of zinc oxide nanorods synthesized using Piper nigrum seed extract. Journal of Nanostructure in Chemistry, 2021, 11, 549-560.	9.1	10
20	Antiviral Activity of <i>Cardiospermum Halicacabum</i> L. Extract against Coinfecting Agents HIV and HBV. Journal of Herbs, Spices and Medicinal Plants, 2011, 17, 403-418.	1.1	8
21	Optimization of <i>Lactobacillus brevis</i> NS01 Brevicin Production and Its Application in Apple Juice Biopreservation Using Food-Grade Clarifying Agent Silica as a Carrier. Food and Bioprocess Technology, 2015, 8, 1750-1761.	4.7	8
22	Breast Cancer Specific Histone Deacetylase Inhibitors and Lead Discovery using Molecular Docking and Descriptor Study. Trends in Bioinformatics, 2013, 6, 25-44.	0.3	7
23	TaxKB: a knowledge base for new taxane-related drug discovery. BioData Mining, 2015, 8, 19.	4.0	6
24	Rifampicin resistance among multi-resistant MRSA clinical isolates from Chennai, India, and their molecular characterization. Genetics and Molecular Research, 2015, 14, 2716-2725.	0.2	6
25	Sequential Optimization Approach for Enhanced Production of Antimicrobial Compound from <i>Streptomyces rochei</i> BKM-4. South Indian Journal of Biological Sciences, 2016, 1, 72.	0.9	6
26	Evaluation of <i>Allium</i> and its Seasoning on Toxigenic, Nutritional, and Sensorial Profiles of Groundnut Oil. Journal of Food Science, 2014, 79, M643-52.	3.1	3
27	Groundnut Oil Biopreservation: Bioactive Components, Nutritional Value and Anti-Aflatoxigenic Effects of Traditional Ginger Seasoning. Journal of Food Processing and Preservation, 2017, 41, e12984.	2.0	3
28	Plant ( <i>Pedaliium murex</i> L.) mucilage green synthesized and capped silver nanoparticles: <i>in vitro</i> biological and solar-driven photocatalytic dye degradation activity. Phosphorus, Sulfur and Silicon and the Related Elements, 2022, 197, 254-262.	1.6	3
29	Silver nanoparticles as nanomaterial-based nanosensors in agri-food sector. , 2021, , 103-123.		2
30	CRISPR interference system: a potential strategy to inhibit pathogenic biofilm in the agri-food sector. , 2021, , 387-403.		1
31	CRISPR/Cas system for the development of disease resistance in horticulture crops. , 2021, , 107-128.		1
32	Arbuscular Mycorrhizal Fungi Diversity in Two Different Regions in Saudi Arabia. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 2492-2510.	0.1	1
33	The Mystery of Methanogenic Archaea for Sustainable Development of Environment. , 2021, , 33-62.		0