

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	Plant (<i>Pedalium 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
2	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
3	CRISPR interference system: a potential strategy to inhibit pathogenic biofilm in the agri-food sector. , 2021, , 387-403.		1
4	The Mystery of Methanogenic Archaea for Sustainable Development of Environment. , 2021, , 33-62.		0
5	Silver nanoparticles as nanomaterial-based nanosensors in agri-food sector. , 2021, , 103-123.		2
6	CRISPR/Cas system for the development of disease resistance in horticulture crops. , 2021, , 107-128.		1
7	Antimicrobial potential of Streptomyces sp. to the Gram positive and Gram negative pathogens. Journal of Infection and Public Health, 2019, 12, 861-866.	4.1	26
8	Syntheses, physicochemical characterization, antibacterial studies on potassium morpholine dithiocarbamate nickel (II), copper (II) metal complexes and their ligands. Heliyon, 2019, 5, e01687.	3.2	35
9	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
10	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
11	Peptide specific monoclonal antibodies of Leptospiral LigA for acute diagnosis of leptospirosis. Scientific Reports, 2017, 7, 3250.	3.3	11
12	Urinary catheter indwelling clinical pathogen biofilm formation, exopolysaccharide characterization and their growth influencing parameters. Saudi Journal of Biological Sciences, 2016, 23, 150-159.	3.8	33
13	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
14	TaxKB: a knowledge base for new taxane-related drug discovery. BioData Mining, 2015, 8, 19.	4.0	6
15	HDACiDB: a database for histone deacetylase inhibitors. Drug Design, Development and Therapy, 2015, 9, 2257.	4.3	12
16	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
17	Optimization of Lactobacillus brevis 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
18	Biosynthesis of silver nanoparticles using Acacia leucophloea extract and their antibacterial activity. International Journal of Nanomedicine, 2014, 9, 2431.	6.7	77

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19	Evaluation of <i>Allium</i> and its Seasoning on Toxigenic, Nutritional, and Sensorial Profiles of Groundnut Oil. <i>Journal of Food Science</i> , 2014, 79, M643-52.	3.1	3
20	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
21	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
22	Breast Cancer Specific Histone Deacetylase Inhibitors and Lead Discovery using Molecular Docking and Descriptor Study. <i>Trends in Bioinformatics</i> , 2013, 6, 25-44.	0.3	7
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	Antiviral Activity of <i>Cardiospermum Halicacabum</i> L. Extract against Coinfecting Agents HIV and HBV. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2011, 17, 403-418.	1.1	8
31	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
32	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
33	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