

Kumar Saurav

List of Publications by Year in descending order

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48
papers

42,592
citations

393982

19
h-index

233125

45
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57
all docs

57
docs citations

57
times ranked

51311
citing authors

#	ARTICLE	IF	CITATIONS
1	MEGA5: Molecular Evolutionary Genetics Analysis Using Maximum Likelihood, Evolutionary Distance, and Maximum Parsimony Methods. <i>Molecular Biology and Evolution</i> , 2011, 28, 2731-2739.	3.5	36,550
2	MEGA2: molecular evolutionary genetics analysis software. <i>Bioinformatics</i> , 2001, 17, 1244-1245.	1.8	5,102
3	Cytotoxicity and antioxidant activity of 5-(2,4-dimethylbenzyl)pyrrolidin-2-one extracted from marine <i>Streptomyces VITSVK5</i> spp.. <i>Saudi Journal of Biological Sciences</i> , 2012, 19, 81-86.	1.8	68
4	Quorum Sensing Inhibitors from the Sea Discovered Using Bacterial N-acyl-homoserine Lactone-Based Biosensors. <i>Marine Drugs</i> , 2017, 15, 53.	2.2	68
5	In Search of Alternative Antibiotic Drugs: Quorum-Quenching Activity in Sponges and their Bacterial Isolates. <i>Frontiers in Microbiology</i> , 2016, 7, 416.	1.5	66
6	Biological and Pharmacological Potential of Xylitol: A Molecular Insight of Unique Metabolism. <i>Foods</i> , 2020, 9, 1592.	1.9	55
7	Antibacterial and Cytotoxic New Napyradiomycins from the Marine-Derived <i>Streptomyces</i> sp. SCSIO 10428. <i>Marine Drugs</i> , 2013, 11, 2113-2125.	2.2	51
8	Larvicidal activity of isolated compound 5-(2,4-dimethylbenzyl) pyrrolidin-2-one from marine <i>Streptomyces VITSVK5</i> sp. against <i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i> , <i>Anopheles stephensi</i> , and <i>Culex tritaeniorhynchus</i> . <i>Parasitology Research</i> , 2013, 112, 215-226.	0.6	39
9	±-Pyrone with Diverse Hydroxy Substitutions from Three Marine-Derived <i>Nocardioopsis</i> Strains. <i>Journal of Natural Products</i> , 2016, 79, 1610-1618.	1.5	37
10	Biosorption of Cr (VI), Cr (III), Pb (II) and Cd (II) from aqueous solutions by <i>Sargassum wightii</i> and <i>Caulerpa racemosa</i> algal biomass. <i>Journal of Ocean University of China</i> , 2012, 11, 52-58.	0.6	33
11	Metagenomic analysis reveals unusually high incidence of proteorhodopsin genes in the ultraoligotrophic <i>Eastern Mediterranean Sea</i> . <i>Environmental Microbiology</i> , 2017, 19, 1077-1090.	1.8	31
12	A New N -Acyl Homoserine Lactone Synthase in an Uncultured Symbiont of the Red Sea Sponge <i>Theonella swinhoei</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 1274-1285.	1.4	30
13	In vitro bioaccessibility of selenoamino acids from selenium (Se)-enriched <i>Chlorella vulgaris</i> biomass in comparison to selenized yeast; a Se-enriched food supplement; and Se-rich foods. <i>Food Chemistry</i> , 2019, 279, 12-19.	4.2	30
14	Plakofuranolactone as a Quorum Quenching Agent from the Indonesian Sponge <i>Plakortis cf. lita</i> . <i>Marine Drugs</i> , 2017, 15, 59.	2.2	28
15	Antifungal activity of <i>Streptomyces VITSVK5</i> spp. against drug resistant <i>Aspergillus</i> clinical isolates from pulmonary tuberculosis patients. <i>Journal De Mycologie Medicale</i> , 2010, 20, 101-107.	0.7	27
16	Discovery of a Pederin Family Compound in a Nonsymbiotic Bloom-Forming Cyanobacterium. <i>ACS Chemical Biology</i> , 2018, 13, 1123-1129.	1.6	27
17	Insight into Unprecedented Diversity of Cyanopeptides in Eutrophic Ponds Using an MS/MS Networking Approach. <i>Toxins</i> , 2020, 12, 561.	1.5	25
18	Alternative Biosynthetic Starter Units Enhance the Structural Diversity of Cyanobacterial Lipopeptides. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	24

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19	Biosorption of Cr(III) and Cr(VI) by <i>Streptomyces VITSVK9</i> spp.. <i>Annals of Microbiology</i> , 2011, 61, 833-841.	1.1	20
20	Antimicrobial activity and bioactive profiling of heterocytous cyanobacterial strains using MS/MS-based molecular networking. <i>Folia Microbiologica</i> , 2019, 64, 645-654.	1.1	20
21	Biosorption of Cd(II) and Pb(II) ions by aqueous solutions of novel alkalophilic <i>Streptomyces VITSVK5</i> spp. biomass. <i>Journal of Ocean University of China</i> , 2011, 10, 61-66.	0.6	17
22	Characterization of the sugar-O-methyltransferase LobS1 in lobophorin biosynthesis. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9043-9053.	1.7	17
23	Pesticide-mediated trophic cascade and an ecological trap for mosquitoes. <i>Ecosphere</i> , 2018, 9, e02179.	1.0	17
24	Identification of Quorum Sensing Activators and Inhibitors in The Marine Sponge <i>Sarcotragus spinosulus</i> . <i>Marine Drugs</i> , 2020, 18, 127.	2.2	17
25	Isolation, Genomic and Metabolomic Characterization of <i>Streptomyces tendae</i> VITAKN with Quorum Sensing Inhibitory Activity from Southern India. <i>Microorganisms</i> , 2020, 8, 121.	1.6	17
26	Isolation of Marine <i>Paracoccus</i> sp. Ss63 from the Sponge <i>Sarcotragus</i> sp. and Characterization of its Quorum Sensing Chemical Signaling Molecules by LC-MS/MS Analysis. <i>Israel Journal of Chemistry</i> , 2016, 56, 330-340.	1.0	16
27	Biosorption of mercury and lead by aqueous <i>Streptomyces VITSVK9</i> sp. isolated from marine sediments from the bay of Bengal, India. <i>Frontiers of Chemical Science and Engineering</i> , 2012, 6, 198-202.	2.3	15
28	In silico molecular docking, preclinical evaluation of spiroindimicins A-D, lynamycin A and D isolated from deep marine sea derived <i>Streptomyces</i> sp. SCSIO 03032. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2014, 6, 187-196.	2.2	14
29	Identification and chemical characterization of N-acyl-homoserine lactone quorum sensing signals across sponge species and time. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	13
30	Application of HPLC Combined with Polymeric Resins and HPLC for the Separation of Cyclic Lipopeptides Muscotoxins A-C and Their Antimicrobial Activity. <i>Molecules</i> , 2018, 23, 2653.	1.7	13
31	Discovery and Biosynthesis of Neoenterocins Indicate a Skeleton Rearrangement of Enterocin. <i>Organic Letters</i> , 2019, 21, 9066-9070.	2.4	13
32	Discovery of Unusual Cyanobacterial Tryptophan-Containing Anabaenopeptins by MS/MS-Based Molecular Networking. <i>Molecules</i> , 2020, 25, 3786.	1.7	12
33	Cyanochelins, an Overlooked Class of Widely Distributed Cyanobacterial Siderophores, Discovered by Silent Gene Cluster Awakening. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0312820.	1.4	11
34	In vitro activity of 5-(2,4-dimethylbenzyl) pyrrolidin-2-one extracted from marine <i>Streptomyces VITSVK5</i> spp. against fungal and bacterial human pathogens. <i>Revista Iberoamericana De Micologia</i> , 2012, 29, 29-33.	0.4	8
35	Discovery of varlaxins, new aeruginosin-type inhibitors of human trypsins. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2681-2692.	1.5	8
36	The cytotoxicity and cellular stress by temperature-fabricated polyshaped gold nanoparticles using marine macroalgae, <i>Padina gymnospora</i> . <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 424-432.	1.4	7

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37	Semi-synthetic puwainaphycin/ minutissamide cyclic lipopeptides with improved antifungal activity and limited cytotoxicity. RSC Advances, 2021, 11, 30873-30886.	1.7	7
38	Spatiotemporal Variation of Microbial Communities in the Ultra-Oligotrophic Eastern Mediterranean Sea. Frontiers in Microbiology, 2022, 13, 867694.	1.5	7
39	Interaction of 5-(2, 4-dimethylbenzyl) pyrrolidin-2-one with selected antifungal drug target enzymes by in silico molecular docking studies. Interdisciplinary Sciences, Computational Life Sciences, 2011, 3, 198-203.	2.2	3
40	Morphological alterations in erythrocytes treated with silver nanoparticles biomineralized by marine sediment-derived Bacillus sp. VITSSN01. Annals of Microbiology, 2014, 64, 1291-1299.	1.1	2
41	Draft Genome Sequence of Terrestrial Streptomyces sp. Strain VITNK9, Isolated from Vellore, Tamil Nadu, India, Exhibiting Antagonistic Activity against Fish Pathogens. Microbiology Resource Announcements, 2021, 10, .	0.3	2
42	Quorum-Sensing Signals from Epibiont Mediate the Induction of Novel Microviridins in the Mat-Forming Cyanobacterial Genus <i>Nostoc</i> . MSphere, 2021, 6, e0056221.	1.3	2
43	Fatty Acid Substitutions Modulate the Cytotoxicity of Puwainaphycins/Minutissamides Isolated from the Baltic Sea Cyanobacterium <i>Nodularia harveyana</i> UHCC-0300. ACS Omega, 2022, 7, 11818-11828.	1.6	2
44	Aspergillosis and its resistance: Marine natural products as future treatment. , 2015, , 255-276.		0
45	Marine actinobacteria as potential drug storehouses: A future perspective on antituberculosis compounds. , 2015, , 435-456.		0
46	Isolation of Lyngbyatoxin and other Teleocidin species from, Streptomyces Blastmyceticum culture. , 2019, 85, .		0
47	New Insights into Tolytoxin Effect in Human Cancer Cells: Apoptosis Induction and the Relevance of Hydroxyl Substitution of Its Macrolide Cycle on Compound Potency. ChemBioChem, 2021, , .	1.3	0
48	Biosynthetic Gene Cluster Analysis in Actinobacterial Genus Streptomyces. Springer Protocols, 2022, , 247-262.	0.1	0