

# Shiburaj Sugathan

## List of Publications by Year in descending order

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31  
papers

246  
citations

1040056

9  
h-index

1058476

14  
g-index

36  
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36  
docs citations

36  
times ranked

302  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of antibiofilm potential of four-domain $\alpha$ -amylase from <i>Streptomyces griseus</i> against exopolysaccharides (EPS) of bacterial pathogens using <i>Danio rerio</i> . <i>Archives of Microbiology</i> , 2022, 204, 243.	2.2	13
2	Genome Sequence Analysis of <i>Exiguobacterium</i> sp. Strain TBG-PICH-001, Isolated from Pichavaram Mangrove Forest in South India. <i>Microbiology Resource Announcements</i> , 2022, 11, e0009622.	0.6	2
3	Cloning, expression, homology modelling and molecular dynamics simulation of four domain-containing $\alpha$ -amylase from <i>Streptomyces griseus</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 2152-2163.	3.5	9
4	Enzyme Technology in Food Processing: Recent Developments and Future Prospects. , 2021, , 191-215.		7
5	Cellular adaptation responses in a halotolerant <i>Exiguobacterium</i> exhibiting organic solvent tolerance with simultaneous protease production. <i>Environmental Technology and Innovation</i> , 2021, 23, 101803.	6.1	7
6	Evaluation of phylloplane fungal flora and host plants in the Southern Western Ghats. , 2021, , 17-81.		0
7	A highly divergent $\alpha$ -amylase from <i>Streptomyces</i> spp.: An evolutionary perspective. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 2415-2428.	7.5	5
8	<i>Assterina gordoniae</i> sp. nov. (Asterinaceae), a new foliar mycobiont from Kerala, India. <i>Phytotaxa</i> , 2020, 441, 211-216.	0.3	1
9	Amylases for Food Applications—Updated Information. <i>Energy, Environment, and Sustainability</i> , 2019, , 199-227.	1.0	5
10	Fukugiside, a biflavonoid from <i>Garcinia travancorica</i> inhibits biofilm formation of <i>Streptococcus pyogenes</i> and its associated virulence factors. <i>Journal of Medical Microbiology</i> , 2018, 67, 1391-1401.	1.8	14
11	Bioresources and Bioprocess in Biotechnology. , 2017, , .		1
12	Chemical composition and FtsZ GTPase inhibiting activity of the essential oil of <i>Piper sarmentosum</i> from Andaman Islands, India. <i>Journal of Essential Oil Research</i> , 2017, 29, 430-435.	2.7	6
13	High-Throughput and In Silico Screening in Drug Discovery. , 2017, , 247-273.		5
14	Microbial Repositories in Bioprospecting. , 2017, , 397-420.		2
15	Antimicrobial Agents from Plants. , 2017, , 271-290.		2
16	Enzymes as Molecular Tools. , 2017, , 99-128.		0
17	Bioresources and Bioprocess in Biotechnology. , 2017, , .		4
18	A S52P mutation in the $\alpha$ -crystallin domain™ of <i>Mycobacterium</i> <i>leprae</i> HSP18 reduces its oligomeric size and chaperone function. <i>FEBS Journal</i> , 2013, 280, 5994-6009.	4.7	19

#	ARTICLE	IF	CITATIONS
19	Phylogenetic Analysis of Few Actinobacteria with Potential Antimicrobial Properties, Isolated from the Forest Soils of Western Ghats of Kerala. , 2012, , 159-167.		1
20	Anti-microbial Screening of Streptosporangium nondiastaticum TBG-75A20, Isolated from the Forest Soil of South India. Research Journal of Microbiology, 2011, 6, 912-918.	0.2	2
21	Characterization and phylogenetic analysis of cellulase producing Streptomyces noboritoensis SPKC1. Interdisciplinary Sciences, Computational Life Sciences, 2010, 2, 205-212.	3.6	11
22	Functional characterization of a small heat shock protein from Mycobacterium leprae. BMC Microbiology, 2008, 8, 208.	3.3	20
23	Chemical Constituents and Antibacterial Activity of the Leaf Oil of <i>Cinnamomum chemungianum</i> Mohan et Henry. Journal of Essential Oil Research, 2007, 19, 98-100.	2.7	21
24	Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Amomum cannicarpum</i> (Wight) Bentham ex Baker. Journal of Essential Oil Research, 2006, 18, 35-37.	2.7	9
25	Chemical composition and antimicrobial activity of essential oil from the rhizomes of <i>Amomum cannicarpum</i> . <i>Fytoterapija</i> , 2006, 77, 392-394.	2.2	7
26	Chemical Constituents and Antimicrobial Activity of the Leaf Oil of <i>Cinnamomum filipedicellatum</i> Kosterm.. Journal of Essential Oil Research, 2006, 18, 234-236.	2.7	5
27	Volatile Constituents and Antibacterial Activity of the Flower Oil of <i>Evodia lunu-ankenda</i> (Gaertn) Merr.. Journal of Essential Oil Research, 2006, 18, 462-464.	2.7	9
28	Antibacterial effects of <i>Coscinium fenestratum</i> . <i>Fytoterapija</i> , 2005, 76, 585-587.	2.2	22
29	Chemical composition and antibacterial activity of the rhizome oil of <i>Hedychium larsenii</i> . <i>Acta Pharmaceutica</i> , 2005, 55, 315-20.	2.0	23
30	Antimicrobial activity of <i>Amomum cannicarpum</i> . <i>Fytoterapija</i> , 2003, 74, 476-478.	2.2	12
31	<i>Meliola gamsii</i> sp. nov. (Ascomycetes, Meliolales) from Kerala, India. <i>Nova Hedwigia</i> , 2002, 74, 411-413.	0.4	1