

# Valli Nachiyar Syam Kumar

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

860  
citations

686830

13  
h-index

552369

26  
g-index

34  
all docs

34  
docs citations

34  
times ranked

982  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogenesis of antibacterial silver nanoparticles using the endophytic bacterium <i>Bacillus cereus</i> isolated from <i>Garcinia xanthochymus</i> . <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 953-959.	0.5	235
2	Degradation of a tannery and textile dye, Navitan Fast Blue S5R by <i>Pseudomonas aeruginosa</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2003, 19, 609-614.	1.7	101
3	Purification and characterization of an oxygen insensitive azoreductase from <i>Pseudomonas aeruginosa</i> . <i>Enzyme and Microbial Technology</i> , 2005, 36, 503-509.	1.6	96
4	<i>Bacillus circulans</i> exopolysaccharide: Production, characterization and bioactivities. <i>International Journal of Biological Macromolecules</i> , 2016, 87, 405-414.	3.6	65
5	Antioxidant activity of phycocyanin pigment extracted from marine filamentous cyanobacteria <i>Geitlerinema</i> sp TRV57. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 16, 237-242.	1.5	64
6	Utilization of pretreated bagasse for the sustainable bioproduction of cellulase by <i>Aspergillus nidulans</i> MTCC344 using response surface methodology. <i>Industrial Crops and Products</i> , 2011, 34, 1564-1571.	2.5	52
7	Optimization of cellulase production by <i>Aspergillus nidulans</i> : application in the biosoftening of cotton fibers. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 85-97.	1.7	26
8	Mechanism of Navitan Fast Blue S5R degradation by <i>Pseudomonas aeruginosa</i> . <i>Chemosphere</i> , 2004, 57, 165-169.	4.2	24
9	Biodegradation of the textile dye Mordant Black 17 (Calcon) by <i>Moraxella osloensis</i> isolated from textile effluent-contaminated site. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 915-924.	1.7	24
10	Immobilization of <i>Aspergillus nidulans</i> SU04 cellulase on modified activated carbon. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 193-202.	2.0	20
11	Biogenesis of TiO <sub>2</sub> nanoparticles using endophytic <i>Bacillus cereus</i> . <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	16
12	Production, characterization and emulsifying property of exopolysaccharide produced by marine isolate of <i>Pseudomonas fluorescens</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 16, 320-325.	1.5	16
13	Development of microbial consortium CN-1 for the degradation of Mordant Black 17. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 832-840.	3.3	15
14	Bioremediation of textile effluent containing Mordant Black 17 by bacterial consortium CN-1. <i>Journal of Water Process Engineering</i> , 2014, 4, 196-200.	2.6	14
15	Bacterial biofilm or biofouling networks with numerous resilience factors from real water supplies of Chennai and their enhanced susceptibility to biocompatible nanoparticles. <i>Journal of Cleaner Production</i> , 2019, 231, 872-898.	4.6	13
16	Biodegradation of 8-anilino-1-naphthalenesulfonic acid by <i>Pseudomonas aeruginosa</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2006, 33, 845-849.	1.4	12
17	Mineralization of metanilic acid by <i>Pseudomonas aeruginosa</i> CLRI BL22. <i>World Journal of Microbiology and Biotechnology</i> , 2007, 23, 1733-1738.	1.7	11
18	Biodegradation of Acid Blue 113 Containing Textile Effluent by Constructed Aerobic Bacterial Consortia: Optimization and Mechanism. <i>Journal of Bioremediation &amp; Biodegradation</i> , 2012, 03, .	0.5	11

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19	Optimization and Kinetics of Nickel Ion Adsorption from Electroplating Effluent onto Activated Carbon Prepared from <i>Anas Platyryncha</i> Egg Shell. <i>Adsorption Science and Technology</i> , 2010, 28, 125-136.	1.5	8
20	Gum acacia PEG iron oxide nanocomposite (GA-PEG-IONC) induced pharmacotherapeutic activity on the Las R gene expression of <i>Pseudomonas aeruginosa</i> and HOXB13 expression of prostate cancer (Pc 3) cell line. A green therapeutic approach of molecular mechanism inhibition. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 940-959.	3.6	7
21	<i>Citrobacter freundii</i> mediated degradation of textile dye Mordant Black 17. <i>Journal of Water Process Engineering</i> , 2015, 8, 28-34.	2.6	6
22	Bioactivity of Dodecanoic Acid Extracted from <i>Geitlerinema</i> sp. TRV57. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2021, 55, 224-231.	0.3	5
23	<i>Terminalia chebula</i> and <i>Ficus racemosa</i> principles mediated repression of novel drug target Las R the transcriptional regulator and its controlled virulence factors produced by multiple drug resistant <i>Pseudomonas aeruginosa</i> - Biocompatible formulation against drug resistant bacteria. <i>Microbial Pathogenesis</i> , 2020, 148, 104412.	1.3	4
24	Production and characterization of biodiesel obtained from transesterification of lipid from goat tallow. <i>Journal of Environmental Biology</i> , 2019, 40, 601-606.	0.2	4
25	Response surface approach for the biodegradation of pretreated coir pith using <i>Aspergillus nidulans</i> SU04 for cellulase production. , 2011, , .		3
26	Apoptosis of Human Breast Cancer Cells (MCF-7) Induced by Polysaccharides Produced by Bacteria. <i>Journal of Cancer Science &amp; Therapy</i> , 2013, 05, .	1.7	3
27	Biosurfactant from endophytic <i>Bacillus cereus</i> : Optimization, Characterization and Cytotoxicity study. <i>Malaysian Journal of Microbiology</i> , 2019, , .	0.1	2
28	A study on the construction of microbial consortia containing bacterial isolates capable of degrading AB113, ABK 24, MB17. , 2010, , .		1
29	Green synthesis of silver nanoparticles using <i>Bacillus cereus</i> , an endophytic bacterium isolated from <i>Garcinia xanthochymus</i> . , 2011, , .		1
30	Optimization and characterization of polyhydroxyalkanoate produced by <i>Bacillus cereus</i> . , 2011, , .		0
31	Production of cellulase by an Endophytic <i>Aspergillus</i> sp, using Cauliflower stalk as substrate. , 2011, , .		0
32	An investigation on the application of <i>Aspergillus nidulans</i> SU04 cellulase for the bio-softening of jute fibres used in textile industry. , 2011, , .		0
33	Circulating Biomarkers for the Early Diagnosis of Gastrointestinal Cancers. <i>Critical Reviews in Oncogenesis</i> , 2020, 25, 335-354.	0.2	0