

# Harshad S Lade

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29  
papers

1,833  
citations

17  
h-index

30  
g-index

30  
ext. papers

2,149  
ext. citations

4.7  
avg, IF

5.07  
L-index

#	Paper	IF	Citations
29	Thymol Reduces -Mediated Virulence Factor Phenol-Soluble Modulin Production in .. <i>BioMed Research International</i> , <b>2022</b> , 2022, 8221622	3	0
28	Bacterial Targets of Antibiotics in Methicillin-Resistant. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	7
27	An efficient and facile synthesis of functionalized flavones from flavanones. <i>Journal of the Iranian Chemical Society</i> , <b>2020</b> , 17, 639-647	2	0
26	Curcumin Analogues with Aldose Reductase Inhibitory Activity: Synthesis, Biological Evaluation, and Molecular Docking. <i>Processes</i> , <b>2019</b> , 7, 417	2.9	3
25	Biofilm Formation by Clinical Isolates is Differentially Affected by Glucose and Sodium Chloride Supplemented Culture Media. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	22
24	Monitoring biofouling based on aerobic respiration in reverse osmosis system. <i>Journal of Environmental Sciences</i> , <b>2019</b> , 78, 247-256	6.4	2
23	Exploring the potential of curcumin for control of N-acyl homoserine lactone-mediated biofouling in membrane bioreactors for wastewater treatment. <i>RSC Advances</i> , <b>2017</b> , 7, 16392-16400	3.7	12
22	Removal of organic and inorganic substances from industry wastewaters using modified aluminosilicate-based polyethersulfone ultrafiltration membranes. <i>Environmental Progress and Sustainable Energy</i> , <b>2017</b> , 36, 1612-1620	2.5	8
21	Phytochemical profile, aldose reductase inhibitory, and antioxidant activities of Indian traditional medicinal (L.) fruit extract. <i>3 Biotech</i> , <b>2017</b> , 7, 378	2.8	13
20	Sulfonated poly(arylene ether sulfone) nanocomposite electrolyte membrane for fuel cell applications: A review. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 1063-1074	6.7	56
19	Methylotrophic bacteria in sustainable agriculture. <i>World Journal of Microbiology and Biotechnology</i> , <b>2016</b> , 32, 120	4.4	45
18	Styrene-Based Copolymer for Polymer Membrane Modifications. <i>Applied Sciences (Switzerland)</i> , <b>2016</b> , 6, 159	2.6	6
17	Exploring the potential of fungal-bacterial consortium for low-cost biodegradation and detoxification of textile effluent. <i>Archives of Environmental Protection</i> , <b>2016</b> , 42, 12-21		8
16	Bioremediation of Heavy Metals from Soil and Aquatic Environment: An Overview of Principles and Criteria of Fundamental Processes. <i>Sustainability</i> , <b>2015</b> , 7, 2189-2212	3.6	665
15	Zinc chloride as a coagulant for textile dyes and treatment of generated dye sludge under the solid state fermentation: hybrid treatment strategy. <i>Bioresource Technology</i> , <b>2015</b> , 176, 38-46	11	20
14	Mineralization and Detoxification of the Carcinogenic Azo Dye Congo Red and Real Textile Effluent by a Polyurethane Foam Immobilized Microbial Consortium in an Upflow Column Bioreactor. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 6894-918	4.6	73
13	Low-Cost Biodegradation and Detoxification of Textile Azo Dye C.I. Reactive Blue 172 byProvidencia rettgeriStrain HSL1. <i>Journal of Chemistry</i> , <b>2015</b> , 2015, 1-10	2.3	22

12	A low-cost wheat bran medium for biodegradation of the benzidine-based carcinogenic dye Trypan Blue using a microbial consortium. <i>International Journal of Environmental Research and Public Health</i> , <b>2015</b> , 12, 3480-505	4.6	25
11	Reduction of biofouling using vanillin as a quorum sensing inhibitory agent in membrane bioreactors for wastewater treatment. <i>Membrane Water Treatment</i> , <b>2015</b> , 6, 189-203		17
10	Biodegradation and detoxification of textile azo dyes by bacterial consortium under sequential microaerophilic/aerobic processes. <i>EXCLI Journal</i> , <b>2015</b> , 14, 158-74	2.4	70
9	Combined Effects of Curcumin and (-)-Epigallocatechin Gallate on Inhibition of N-Acylhomoserine Lactone-Mediated Biofilm Formation in Wastewater Bacteria from Membrane Bioreactor. <i>Journal of Microbiology and Biotechnology</i> , <b>2015</b> , 25, 1908-19	3.3	14
8	Exploiting the potential of plant growth promoting bacteria in decolorization of dye Disperse Red 73 adsorbed on milled sugarcane bagasse under solid state fermentation. <i>International Biodeterioration and Biodegradation</i> , <b>2014</b> , 86, 364-371	4.8	30
7	Plant-growth-promoting rhizobacteria to improve crop growth in saline soils: a review. <i>Agronomy for Sustainable Development</i> , <b>2014</b> , 34, 737-752	6.8	249
6	N-acyl homoserine lactone-mediated quorum sensing with special reference to use of quorum quenching bacteria in membrane biofouling control. <i>BioMed Research International</i> , <b>2014</b> , 2014, 162584 <sup>3</sup>		57
5	Quorum quenching mediated approaches for control of membrane biofouling. <i>International Journal of Biological Sciences</i> , <b>2014</b> , 10, 550-65	11.2	111
4	Isolation and molecular characterization of biofouling bacteria and profiling of quorum sensing signal molecules from membrane bioreactor activated sludge. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 2255-73	6.3	53
3	Low cost CaCl <sub>2</sub> pretreatment of sugarcane bagasse for enhancement of textile dyes adsorption and subsequent biodegradation of adsorbed dyes under solid state fermentation. <i>Bioresource Technology</i> , <b>2013</b> , 132, 276-84	11	50
2	Decolorization and biodegradation of Rubine GFL by microbial consortium GG-BL in sequential aerobic/microaerophilic process. <i>Applied Biochemistry and Biotechnology</i> , <b>2012</b> , 167, 1578-94	3.2	26
1	Enhanced biodegradation and detoxification of disperse azo dye Rubine GFL and textile industry effluent by defined fungal-bacterial consortium. <i>International Biodeterioration and Biodegradation</i> , <b>2012</b> , 72, 94-107	4.8	169