

Harshad S Lade

List of Publications by Year in descending order

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30
papers

2,542
citations

394286

19
h-index

454834

30
g-index

30
all docs

30
docs citations

30
times ranked

3331
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioremediation of Heavy Metals from Soil and Aquatic Environment: An Overview of Principles and Criteria of Fundamental Processes. <i>Sustainability</i> , 2015, 7, 2189-2212.	1.6	932
2	Plant-growth-promoting rhizobacteria to improve crop growth in saline soils: a review. <i>Agronomy for Sustainable Development</i> , 2014, 34, 737-752.	2.2	344
3	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> , 2012, 72, 94-107.	1.9	197
4	Quorum Quenching Mediated Approaches for Control of Membrane Biofouling. <i>International Journal of Biological Sciences</i> , 2014, 10, 550-565.	2.6	147
5	Biodegradation and detoxification of textile azo dyes by bacterial consortium under sequential microaerophilic/aerobic processes. <i>EXCLI Journal</i> , 2015, 14, 158-74.	0.5	100
6	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> , 2015, 12, 6894-6918.	1.2	98
7	Sulfonated poly(arylene ether sulfone) nanocomposite electrolyte membrane for fuel cell applications: A review. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 1063-1074.	3.8	76
8	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> , 2014, 15, 2255-2273.	1.8	68
9	Methylotrophic bacteria in sustainable agriculture. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 120.	1.7	66
10	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> , 2014, 2014, 1-25.	0.9	65
11	Low cost CaCl ₂ pretreatment of sugarcane bagasse for enhancement of textile dyes adsorption and subsequent biodegradation of adsorbed dyes under solid state fermentation. <i>Bioresource Technology</i> , 2013, 132, 276-284.	4.8	62
12	Biofilm Formation by <i>Staphylococcus aureus</i> Clinical Isolates is Differentially Affected by Glucose and Sodium Chloride Supplemented Culture Media. <i>Journal of Clinical Medicine</i> , 2019, 8, 1853.	1.0	57
13	Bacterial Targets of Antibiotics in Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antibiotics</i> , 2021, 10, 398.	1.5	45
14	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> , 2015, 12, 3480-3505.	1.2	38
15	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> , 2014, 86, 364-371.	1.9	33
16	Low-Cost Biodegradation and Detoxification of Textile Azo Dye C.I. Reactive Blue 172 by <i>Providencia rettgeri</i> Strain HSL1. <i>Journal of Chemistry</i> , 2015, 2015, 1-10.	0.9	30
17	Decolorization and Biodegradation of Rubine GFL by Microbial Consortium GG-BL in Sequential Aerobic/Microaerophilic Process. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1578-1594.	1.4	28
18	Combined Effects of Curcumin and (â€“)â€“)-Epigallocatechin Gallate on Inhibition of N-Acylhomoserine Lactone-Mediated Biofilm Formation in Wastewater Bacteria from Membrane Bioreactor. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 1908-1919.	0.9	22

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19	Phytochemical profile, aldose reductase inhibitory, and antioxidant activities of Indian traditional medicinal <i>Coccinia grandis</i> (L.) fruit extract. <i>3 Biotech</i> , 2017, 7, 378.	1.1	21
20	Reduction of biofouling using vanillin as a quorum sensing inhibitory agent in membrane bioreactors for wastewater treatment. <i>Membrane Water Treatment</i> , 2015, 6, 189-203.	0.5	21
21	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> , 2015, 176, 38-46.	4.8	20
22	Exploring the potential of curcumin for control of N-acyl homoserine lactone-mediated biofouling in membrane bioreactors for wastewater treatment. <i>RSC Advances</i> , 2017, 7, 16392-16400.	1.7	15
23	Exploring the potential of fungal-bacterial consortium for low-cost biodegradation and detoxification of textile effluent. <i>Archives of Environmental Protection</i> , 2016, 42, 12-21.	1.1	12
24	Removal of organic and inorganic substances from industry wastewaters using modified aluminosilicate-based polyethersulfone ultrafiltration membranes. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1612-1620.	1.3	12
25	Styrene-Based Copolymer for Polymer Membrane Modifications. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 159.	1.3	10
26	Thymol Reduces agr-Mediated Virulence Factor Phenol-Soluble Modulin Production in <i>Staphylococcus aureus</i> . <i>BioMed Research International</i> , 2022, 2022, 1-14.	0.9	7
27	Curcumin Analogues with Aldose Reductase Inhibitory Activity: Synthesis, Biological Evaluation, and Molecular Docking. <i>Processes</i> , 2019, 7, 417.	1.3	6
28	Monitoring biofouling based on aerobic respiration in reverse osmosis system. <i>Journal of Environmental Sciences</i> , 2019, 78, 247-256.	3.2	5
29	Comparative Evaluation of Allplex Respiratory Panels 1, 2, 3, and BioFire FilmArray Respiratory Panel for the Detection of Respiratory Infections. <i>Diagnostics</i> , 2022, 12, 9.	1.3	4
30	An efficient and facile synthesis of functionalized flavones from flavanones. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 639-647.	1.2	1