

Gurusamy Annadurai

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,594
citations

759233

12
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

3294
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of cellulose-based wastes for adsorption of dyes from aqueous solutions. Journal of Hazardous Materials, 2002, 92, 263-274.	12.4	1,394
2	Coleus aromaticus leaf extract mediated synthesis of silver nanoparticles and its bactericidal activity. Applied Nanoscience (Switzerland), 2013, 3, 217-223.	3.1	321
3	Adsorption of reactive dye from an aqueous solution by chitosan: isotherm, kinetic and thermodynamic analysis. Journal of Hazardous Materials, 2008, 152, 337-346.	12.4	286
4	Anticancer and enhanced antimicrobial activity of biosynthesized silver nanoparticles against clinical pathogens. Journal of Molecular Structure, 2016, 1116, 165-173.	3.6	124
5	Statistical optimization of medium components and growth conditions by response surface methodology to enhance phenol degradation by Pseudomonas putida. Journal of Hazardous Materials, 2008, 151, 171-178.	12.4	105
6	Microbiological degradation of phenol using mixed liquors of Pseudomonas putida and activated sludge. Waste Management, 2002, 22, 703-710.	7.4	86
7	Antibacterial Activity of pH-Dependent Biosynthesized Silver Nanoparticles against Clinical Pathogen. BioMed Research International, 2014, 2014, 1-6.	1.9	59
8	Production and functionality of exopolysaccharides in bacteria exposed to a toxic metal environment. Ecotoxicology and Environmental Safety, 2021, 208, 111567.	6.0	51
9	ADSORPTION OF RHODAMINE 6G FROM AQUEOUS SOLUTIONS ON ACTIVATED CARBON. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2001, 36, 715-725.	1.7	37
10	Application of artificial neural network model for the development of optimized complex medium for phenol degradation using Pseudomonas pictorum (NICM 2074). Biodegradation, 2007, 18, 383-392.	3.0	23
11	BIODEGRADATION AND ADSORPTION OF PHENOL USING ACTIVATED CARBON IMMOBILIZED WITH PSEUDOMONAS PUTIDA. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2002, 37, 1133-1146.	1.7	19
12	Optimization of Floc Characteristics for Treatment of Highly Turbid Water. Separation Science and Technology, 2005, 39, 19-42.	2.5	16
13	Equilibrium studies on the adsorption of acid dye into chitin. Environmental Chemistry Letters, 2008, 6, 77-81.	16.2	12
14	Biosorption potential of <i>Lysinibacillus fusiformis</i> KMNTT-10 biomass in removing lead(II) from aqueous solutions. Separation Science and Technology, 2018, 53, 1991-2003.	2.5	12
15	Volatilization reduction of monoaromatic compounds in nonionic surfactant solutions. Chemical Engineering Journal, 2008, 142, 161-167.	12.7	9
16	Optimization of alkaline protease production from <i>Shewanella oneidensis</i> MR41 by response surface methodology. Journal of Chemical Technology and Biotechnology, 2009, 84, 54-62.	3.2	9
17	Effects of Temperature, Voltage Properties, and Initial Gas Composition on the Plasma Reforming of Aliphatic Hydrocarbons With CO_2 . IEEE Transactions on Industry Applications, 2008, 44, 53-60.	4.9	8
18	Biosorption of heavy metals from aqueous solution using modified activated carbon: comparison of linear and nonlinear methods. Journal of Chemical Technology and Biotechnology, 2008, 83, 788-798.	3.2	6

#	ARTICLE	IF	CITATIONS
19	FACTOR OPTIMIZATION FOR PHENOL REMOVAL USING ACTIVATED CARBON IMMOBILIZED WITH PSEUDOMONAS PUTIDA. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2002, 37, 149-161.	1.7	5
20	Volatile Organic Compounds Emission from Contaminated Soil During Surfactant Washing. <i>Environmental Engineering Science</i> , 2006, 23, 923-932.	1.6	5
21	Phylogenetic analysis of pandemic influenza A/H1N1 virus. <i>Biologia (Poland)</i> , 2012, 67, 14-31.	1.5	4
22	Genetic ancestor of external antigens of pandemic influenza A/H1N1 virus. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2012, 4, 282-290.	3.6	3