

Karthikeyan Rajendran

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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citations

1163117

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1125743

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14
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14
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times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver nanoparticles in dye effluent treatment: A review on synthesis, treatment methods, mechanisms, photocatalytic degradation, toxic effects and mitigation of toxicity. Journal of Photochemistry and Photobiology B: Biology, 2020, 205, 111823.	3.8	261
2	Synthesis and characterization of chitosan ascorbate nanoparticles for therapeutic inhibition for cervical cancer and their in silico modeling. Journal of Industrial and Engineering Chemistry, 2018, 62, 239-249.	5.8	40
3	A comprehensive review on regulatory invention of nano pesticides in Agricultural nano formulation and food system. Journal of Molecular Structure, 2021, 1239, 130517.	3.6	35
4	Green synthesis and characterization of silver nanoparticles using Naringi crenulate leaf extract: Key challenges for anticancer activities. Journal of Molecular Structure, 2021, 1243, 130829.	3.6	16
5	Biocalorimetric and respirometric studies on production of Penicillin G acylase from Bacillus badius pac in E. coli DH5 α . Biochemical Engineering Journal, 2011, 55, 223-229.	3.6	15
6	Biological Real-Time Reaction Calorimeter Studies for the Production of Penicillin G Acylase from Bacillus badius. Applied Biochemistry and Biotechnology, 2014, 172, 3736-3747.	2.9	10
7	In silico molecular docking and physicochemical property studies on effective phytochemicals targeting GPR116 for breast cancer treatment. Molecular and Cellular Biochemistry, 2021, 476, 883-896.	3.1	10
8	<i>In silico</i> structure prediction, molecular docking and dynamic simulation studies on G Protein-Coupled Receptor 116: a novel insight into breast cancer therapy. Journal of Biomolecular Structure and Dynamics, 2021, 39, 4807-4815.	3.5	8
9	Strategies for Enhancing the Production of Penicillin G Acylase from Bacillus badius: Influence of Phenyl Acetic Acid Dosage. Applied Biochemistry and Biotechnology, 2013, 171, 1328-1338.	2.9	5
10	EFFECT OF HEAT INPUT AND POST-WELD HEAT TREATMENT ON THE MECHANICAL AND METALLURGICAL CHARACTERISTICS OF LASER-WELDED MARAGING STEEL JOINTS. Surface Review and Letters, 2017, 24, 1750102.	1.1	4
11	A computational model for enhancing recombinant Penicillin G Acylase production from Escherichia coli DH5 α . Computational Biology and Chemistry, 2013, 46, 39-47.	2.3	1
12	Investigations to Enhance Production of Penicillin G Acylase from Recombinant Bacillus badius pac Expressed in Escherichia coli DH5 α . Chemical Engineering Communications, 2015, 202, 449-456.	2.6	1
13	Pro-apoptotic property of phytochemicals from Naringi crenulata in HER2+ breast cancer cells in <i>in vitro</i> . Biotechnology and Biotechnological Equipment, 2021, 35, 311-322.	1.3	1