Karthikeyan Rajendran

List of Publications by Year
in descending order

13	407	1163117 8	1125743 13
papers	citations	h-index	g-index

14	14	14	517
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In silicostructure 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
2	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
3	Pro-apoptotic property of phytocompounds from Naringi crenulata in HER2+ breast cancer cells inÂvitro. Biotechnology and Biotechnological Equipment, 2021, 35, 311-322.	1.3	1
4	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
5	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
6	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
7	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
8	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
9	Investigations to Enhance Production of Penicillin G Acylase from RecombinantBacillus badius pacExpressed inEscherichia coliDH5Î±. Chemical Engineering Communications, 2015, 202, 449-456.	2.6	1
10	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
11	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
12	A computational model for enhancing recombinant Penicillin G Acylase production from Escherichia coli DH5Î±. Computational Biology and Chemistry, 2013, 46, 39-47.	2.3	1
13	Biocalorimetric and respirometric studies on production of Penicillin G acylase from Bacillus badius pac in E. coli DH5Î±. Biochemical Engineering Journal, 2011, 55, 223-229.	3.6	15