

Souvik Basak

List of Publications by Citations

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Version: 2024-04-28

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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.

15
papers

226
citations

8
h-index

15
g-index

18
ext. papers

328
ext. citations

4.9
avg, IF

3.19
L-index

#	Paper	IF	Citations
15	Functionalized graphene oxide as a nanocarrier for dual drug delivery applications: The synergistic effect of quercetin and gefitinib against ovarian cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 178, 452-459	6	65
14	Enhancing E. coli tolerance towards oxidative stress via engineering its global regulator cAMP receptor protein (CRP). <i>PLoS ONE</i> , 2012 , 7, e51179	3.7	38
13	Rewiring global regulator cAMP receptor protein (CRP) to improve E. coli tolerance towards low pH. <i>Journal of Biotechnology</i> , 2014 , 173, 68-75	3.7	25
12	Functionalized graphene oxide as a vehicle for targeted drug delivery and bioimaging applications. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 8116-8148	7.3	25
11	Pharmacoinformatics study of Piperolactam A from Piper betle root as new lead for non steroidal anti fertility drug development. <i>Computational Biology and Chemistry</i> , 2017 , 67, 213-224	3.6	17
10	In Vitro susceptibilities of wild and drug resistant Leishmania donovani amastigotes to piperolactam A loaded hydroxypropyl-β-cyclodextrin nanoparticles. <i>Acta Tropica</i> , 2016 , 158, 97-106	3.2	14
9	Recent Trends of Polymer-Protein Conjugate Application in Biocatalysis: A Review. <i>Polymer Reviews</i> , 2015 , 55, 163-198	14	13
8	Error-prone PCR of global transcription factor cyclic AMP receptor protein for enhanced organic solvent (toluene) tolerance. <i>Process Biochemistry</i> , 2012 , 47, 2152-2158	4.8	13
7	Fabrication of β-cyclodextrin-mediated single bimolecular inclusion complex: characterization, molecular docking, in-vitro release and bioavailability studies for gefitinib and simvastatin conjugate. <i>Journal of Pharmacy and Pharmacology</i> , 2017 , 69, 1304-1317	4.8	7
6	An experimental modeling of trinomial bioengineering- crp, rDNA, and transporter engineering within single cell factory for maximizing two-phase bioreduction. <i>International Journal of Biological Macromolecules</i> , 2017 , 95, 818-825	7.9	2
5	Genome mining, in silico validation and phase selection of a novel aldo-keto reductase from <i>Candida glabrata</i> for biotransformation. <i>Bioengineered</i> , 2018 , 9, 186-195	5.7	2
4	Targeting mangiferin loaded N-succinyl chitosan-alginate grafted nanoparticles against atherosclerosis - A case study against diabetes mediated hyperlipidemia in rat. <i>Food Chemistry</i> , 2022 , 370, 131376	8.5	2
3	A Novel, Quick Column Switching RP-HPLC Guided Metabolite Profiling of Albendazole-Praziquantel in Rat Plasma: Designing New Combination Dosage Regimen with Higher Therapeutic Window. <i>Current Analytical Chemistry</i> , 2018 , 14, 604-614	1.7	1
2	Discovery of nano-piperolactam A: A nonsteroidal contraceptive lead acting through down-regulation of interleukins. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 18, 347-358	6	1
1	Development of Pyrazole Harbours Novel Leads Against β-Amyloid Protein Fibrillation by in silico Drug Design. <i>Journal of Computational Biophysics and Chemistry</i> , 1-13		