

Brajadulal Chattopadhyay

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

412
citations

759233

12
h-index

752698

20
g-index

28
all docs

28
docs citations

28
times ranked

486
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental bacteria engineered piezoelectric bio-organic energy harvester towards clinical applications. <i>Nano Energy</i> , 2022, 93, 106843.	16.0	12
2	Evaluation of Self-Healing Attribute of an Alkaliphilic Microbial Protein in Cementitious Mortars. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	2.9	0
3	An Approach to Screen Genotoxic-Susceptible Diabetic Population of Various <i>Prakriti</i> Groups for Personalized Disease Management. <i>Journal of Alternative and Complementary Medicine</i> , 2021, 27, 80-87.	2.1	1
4	Removal of Lead Contamination through the Formation of Lead-Nanoplates by a Hot Spring Microbial Protein. <i>Advances in Microbiology</i> , 2021, 11, 681-693.	0.6	1
5	Amelioration of related complications by the combined usage of <i>Gymnadenia orchidis Lindl</i> and pumpkin seed in type 2 diabetic mice. <i>Journal of Complementary and Integrative Medicine</i> , 2021, .	0.9	0
6	Genetically-enriched microbe-facilitated self-healing nano-concrete. , 2020, , 461-483.		7
7	Bacterium amended 100% fly ash geopolymer. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	4
8	Bacterium-incorporated fly ash geopolymer: a high-performance, thermo-stable cement alternative for future construction material. <i>Clean Technologies and Environmental Policy</i> , 2019, 21, 1779-1789.	4.1	14
9	Protein promoted β -phase nucleation in poly (vinylidene fluoride) for energy harvesting applications. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
10	An alkaliphilic bacterium <sc>BKH</sc> 4 of Bakreshwar hot spring pertinent to bioconcrete technology. <i>Journal of Applied Microbiology</i> , 2019, 126, 1742-1750.	3.1	10
11	Identified Hybrid tRNA Structure Genes in Archaeal Genome. <i>Iranian Journal of Biotechnology</i> , 2019, 17, 1-8.	0.3	0
12	Potential amelioration of nicotine-induced toxicity by nanocurcumin. <i>Drug Development Research</i> , 2018, 79, 119-128.	2.9	5
13	Synergistic improved efficacy of <i>Gymnadenia orchidis</i> root Salep and pumpkin seed on induced diabetic complications. <i>Diabetes Research and Clinical Practice</i> , 2018, 146, 278-288.	2.8	7
14	Therapeutic Implications of <i>Gymnadenia Orchidis Lindl</i> Root Salep Against Induced-Diabetes. <i>American Journal of PharmTech Research</i> , 2018, 8, 263-281.	0.2	1
15	Comparative analysis of microbial diversity in two hot springs of Bakreshwar, West Bengal, India. <i>Genomics Data</i> , 2017, 12, 122-129.	1.3	18
16	Phylogenetic Characterization of BKH3 Bacterium Isolated from a Hot Spring Consortium of Bakreshwar (India) and Its Application. <i>Advances in Microbiology</i> , 2016, 06, 453-461.	0.6	4
17	Participatory role of zinc in structural and functional characterization of bioremediase: a unique thermostable microbial silica leaching protein. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 791-803.	2.6	9
18	Curcumin protects against nicotine-induced stress during protein malnutrition in female rat through immunomodulation with cellular amelioration. <i>Molecular Biology Reports</i> , 2015, 42, 1623-1637.	2.3	10

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19	Genetically-enriched microbe-facilitated self-healing concrete – a sustainable material for a new generation of construction technology. RSC Advances, 2015, 5, 105363-105371.	3.6	49
20	Bacterial (BKH1) assisted silica nanoparticles from silica rich substrates: A facile and green approach for biotechnological applications. Colloids and Surfaces B: Biointerfaces, 2015, 126, 245-250.	5.0	36
21	Development of an improved E. coli bacterial strain for green and sustainable concrete technology. RSC Advances, 2015, 5, 32175-32182.	3.6	38
22	Anti-microbial efficiency of nano silver-silica modified geopolymer mortar for eco-friendly green construction technology. RSC Advances, 2015, 5, 64037-64045.	3.6	46
23	SOCS3 dictates the transition of divergent time-phased events in granulocyte TNF- α signaling. Cellular and Molecular Immunology, 2014, 11, 105-106.	10.5	15
24	Autonomous bioremediation of a microbial protein (bioremediase) in Pozzolana cementitious composite. Journal of Materials Science, 2014, 49, 4461-4468.	3.7	30
25	Protein dependent fate of hepatic cells under nicotine induced stress and curcumin ameliorated condition. European Journal of Pharmacology, 2012, 684, 132-145.	3.5	14
26	Use of Bacterial Protein Powder in Commercial Fly Ash Pozzolana Cements for High Performance Construction Materials. Open Journal of Civil Engineering, 2012, 02, 218-228.	0.5	26
27	Bioremediase a unique protein from a novel bacterium BKH1, ushering a new hope in concrete technology. Enzyme and Microbial Technology, 2010, 46, 581-587.	3.2	42
28	Ameliorative effect of sesame lignans on nicotine toxicity in rats. Food and Chemical Toxicology, 2010, 48, 3215-3220.	3.6	13