

Khan Mohammad Imran

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

356
citations

840776

11
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

426
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryptotanshinone promotes commitment to the brown adipocyte lineage and mitochondrial biogenesis in C3H10T1/2 mesenchymal stem cells via AMPK and p38-MAPK signaling. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 1110-1120.	2.4	44
2	Bioremediation of Hexavalent Chromium by Chromium Resistant Bacteria Reduces Phytotoxicity. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6013.	2.6	43
3	Extended-Spectrum Beta-Lactamase-Producing <i>Escherichia coli</i> in Drinking Water Samples From a Forcibly Displaced, Densely Populated Community Setting in Bangladesh. <i>Frontiers in Public Health</i> , 2020, 8, 228.	2.7	42
4	Occurrence of <i>Escherichia coli</i> and faecal coliforms in drinking water at source and household point-of-use in Rohingya camps, Bangladesh. <i>Gut Pathogens</i> , 2019, 11, 52.	3.4	34
5	A pivotal role of AMPK signaling in medicarpin-mediated formation of brown and beige. <i>BioFactors</i> , 2018, 44, 168-179.	5.4	26
6	Bone regeneration of multichannel biphasic calcium phosphate granules supplemented with hyaluronic acid. <i>Materials Science and Engineering C</i> , 2019, 99, 1058-1066.	7.3	25
7	Sinapic acid induces the expression of thermogenic signature genes and lipolysis through activation of PKA/CREB signaling in brown adipocytes. <i>BMB Reports</i> , 2020, 53, 142-147.	2.4	25
8	Medicarpin induces lipolysis via activation of Protein Kinase A in brown adipocytes. <i>BMB Reports</i> , 2018, 51, 249-254.	2.4	19
9	Histotripsy Ablation in Preclinical Animal Models of Cancer and Spontaneous Tumors in Veterinary Patients: A Review. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2022, 69, 5-26.	3.0	17
10	Presence of virulence factors and antibiotic resistance among <i>Escherichia coli</i> strains isolated from human pit sludge. <i>Journal of Infection in Developing Countries</i> , 2019, 13, 195-203.	1.2	17
11	<i>Bifidobacterium longum</i> DS0956 and <i>Lactobacillus rhamnosus</i> DS0508 culture-supernatant ameliorate obesity by inducing thermogenesis in obese-mice. <i>Beneficial Microbes</i> , 2020, 11, 361-373.	2.4	14
12	Biochanin A induces a brown-fat phenotype via improvement of mitochondrial biogenesis and activation of AMPK signaling in murine C3H10T1 /2 mesenchymal stem cells. <i>Phytotherapy Research</i> , 2021, 35, 920-931.	5.8	11
13	Distinctive effects of licarin A on lipolysis mediated by PKA and on formation of brown adipocytes from C3H10T1/2 mesenchymal stem cells. <i>Toxicology and Applied Pharmacology</i> , 2018, 340, 9-20.	2.8	9
14	Experimental and Numerical Investigation of Parameters Affecting High-Frequency Irreversible Electroporation for Prostate Cancer Ablation. <i>Journal of Biomechanical Engineering</i> , 2022, 144, .	1.3	8
15	Time-Temperature Model for Bacterial and Parasitic Annihilation from Cow Dung and Human Faecal Sludge: A Forthcoming Bio-Fertilizer. <i>Journal of Bacteriology & Parasitology</i> , 2016, 07, .	0.2	7
16	Exploration of Novel Pathways Underlying Irreversible Electroporation Induced Anti-Tumor Immunity in Pancreatic Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 853779.	2.8	6
17	Generation of Tumor-activated T cells Using Electroporation. <i>Bioelectrochemistry</i> , 2021, 142, 107886.	4.6	5
18	Comparison of analysis methods for determination of dynamic tissue conductivity during microseconds-long pulsed electric fields. <i>Biomedical Signal Processing and Control</i> , 2022, 72, 103305.	5.7	3

#	ARTICLE	IF	CITATIONS
19	Properties of tissue within prostate tumors and treatment planning implications for ablation therapies. , 2021, 2021, 1539-1542.		1