

Khan Mohammad Imran

List of Publications by Year in descending order

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19
papers

356
citations

840776

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20
docs citations

20
times ranked

426
citing authors

#	ARTICLE	IF	CITATIONS
1	Histotripsy Ablation in Preclinical Animal Models of Cancer and Spontaneous Tumors in Veterinary Patients: A Review. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 5-26.	3.0	17
2	Comparison of analysis methods for determination of dynamic tissue conductivity during microseconds-long pulsed electric fields. Biomedical Signal Processing and Control, 2022, 72, 103305.	5.7	3
3	Experimental and Numerical Investigation of Parameters Affecting High-Frequency Irreversible Electroporation for Prostate Cancer Ablation. Journal of Biomechanical Engineering, 2022, 144, .	1.3	8
4	Exploration of Novel Pathways Underlying Irreversible Electroporation Induced Anti-Tumor Immunity in Pancreatic Cancer. Frontiers in Oncology, 2022, 12, 853779.	2.8	6
5	Biochanin A induces a brown fat phenotype via improvement of mitochondrial biogenesis and activation of AMPK signaling in murine C3H10T1 /2 mesenchymal stem cells. Phytotherapy Research, 2021, 35, 920-931.	5.8	11
6	Generation of Tumor-activated T cells Using Electroporation. Bioelectrochemistry, 2021, 142, 107886.	4.6	5
7	Properties of tissue within prostate tumors and treatment planning implications for ablation therapies. , 2021, 2021, 1539-1542.		1
8	Bioremediation of Hexavalent Chromium by Chromium Resistant Bacteria Reduces Phytotoxicity. International Journal of Environmental Research and Public Health, 2020, 17, 6013.	2.6	43
9	Bifidobacterium longum DS0956 and Lactobacillus rhamnosus DS0508 culture-supernatant ameliorate obesity by inducing thermogenesis in obese-mice. Beneficial Microbes, 2020, 11, 361-373.	2.4	14
10	Extended-Spectrum Beta-Lactamase-Producing Escherichia coli in Drinking Water Samples From a Forcibly Displaced, Densely Populated Community Setting in Bangladesh. Frontiers in Public Health, 2020, 8, 228.	2.7	42
11	Sinapic acid induces the expression of thermogenic signature genes and lipolysis through activation of PKA/CREB signaling in brown adipocytes. BMB Reports, 2020, 53, 142-147.	2.4	25
12	Occurrence of Escherichia coli and faecal coliforms in drinking water at source and household point-of-use in Rohingya camps, Bangladesh. Gut Pathogens, 2019, 11, 52.	3.4	34
13	Bone regeneration of multichannel biphasic calcium phosphate granules supplemented with hyaluronic acid. Materials Science and Engineering C, 2019, 99, 1058-1066.	7.3	25
14	Presence of virulence factors and antibiotic resistance among Escherichia coli strains isolated from human pit sludge. Journal of Infection in Developing Countries, 2019, 13, 195-203.	1.2	17
15	Distinctive effects of licarin A on lipolysis mediated by PKA and on formation of brown adipocytes from C3H10T1/2 mesenchymal stem cells. Toxicology and Applied Pharmacology, 2018, 340, 9-20.	2.8	9
16	A pivotal role of AMPK signaling in medicarpin-mediated formation of brown and beige. BioFactors, 2018, 44, 168-179.	5.4	26
17	Medicarpin induces lipolysis via activation of Protein Kinase A in brown adipocytes. BMB Reports, 2018, 51, 249-254.	2.4	19
18	Cryptotanshinone promotes commitment to the brown adipocyte lineage and mitochondrial biogenesis in C3H10T1/2 mesenchymal stem cells via AMPK and p38-MAPK signaling. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 1110-1120.	2.4	44

#	ARTICLE	IF	CITATIONS
19	Time-Temperature Model for Bacterial and Parasitic Annihilation from Cow Dung and Human Faecal Sludge: A Forthcoming Bio-Fertilizer. Journal of Bacteriology & Parasitology, 2016, 07, .	0.2	7