

Rashid Ahmed

List of Publications by Year in Descending Order

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Version: 2024-04-23

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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.

23
papers

756
citations

11
h-index

24
g-index

24
ext. papers

1,150
ext. citations

5.5
avg, IF

4.5
L-index

#	Paper	IF	Citations
23	Single-Cell RNA Sequencing with Spatial Transcriptomics of Cancer Tissues.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	4
22	Empagliflozin inhibits angiotensin II-induced hypertrophy in H9c2 cardiomyoblasts through inhibition of NHE1 expression.. <i>Molecular and Cellular Biochemistry</i> , 2022 , 1	4.2	0
21	Nitric oxide-releasing biomaterials for promoting wound healing in impaired diabetic wounds: State of the art and recent trends.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 149, 112707	7.5	2
20	Spatial mapping of cancer tissues by OMICS technologies. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021 , 188663	11.2	1
19	Stem cells based models: Trends and prospects in biomaterials cytotoxicity studies. <i>Biomedical Materials (Bristol)</i> , 2021 ,	3.5	3
18	Bone marrow mesenchymal stem cells preconditioned with nitric-oxide-releasing chitosan/PVA hydrogel accelerate diabetic wound healing in rabbits. <i>Biomedical Materials (Bristol)</i> , 2021 , 16,	3.5	12
17	Development of nitric oxide releasing visible light crosslinked gelatin methacrylate hydrogel for rapid closure of diabetic wounds. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111747	7.5	3
16	Imaging cancer cells with nanostructures: Prospects of nanotechnology driven non-invasive cancer diagnosis. <i>Advances in Colloid and Interface Science</i> , 2021 , 294, 102457	14.3	11
15	Crosslinking Strategies to Develop Hydrogels for Biomedical Applications. <i>Gels Horizons: From Science To Smart Materials</i> , 2021 , 21-57		1
14	Electrospun chitosan membranes containing bioactive and therapeutic agents for enhanced wound healing. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 153-170	7.9	81
13	Phytochemical-assisted biosynthesis of silver nanoparticles from <i>Ajuga bracteosa</i> for biomedical applications. <i>Materials Research Express</i> , 2020 , 7, 075404	1.7	13
12	Loop-Mediated Isothermal Amplification (LAMP): A Rapid, Sensitive, Specific, and Cost-Effective Point-of-Care Test for Coronaviruses in the Context of COVID-19 Pandemic. <i>Biology</i> , 2020 , 9,	4.9	76
11	Enhanced Thermostability and Enzymatic Activity of Cel6A Variants from by Empirical Domain Engineering (Short Title: Domain Engineering of Cel6A). <i>Biology</i> , 2020 , 9,	4.9	4
10	Phenolic contents-based assessment of therapeutic potential of <i>Syzygium cumini</i> leaves extract. <i>PLoS ONE</i> , 2019 , 14, e0221318	3.7	8
9	Silver nanoparticle impregnated chitosan-PEG hydrogel enhances wound healing in diabetes induced rabbits. <i>International Journal of Pharmaceutics</i> , 2019 , 559, 23-36	6.5	159
8	Nitric oxide releasing chitosan-poly (vinyl alcohol) hydrogel promotes angiogenesis in chick embryo model. <i>International Journal of Biological Macromolecules</i> , 2019 , 136, 901-910	7.9	40
7	Wearable Real-Time Heart Attack Detection and Warning System to Reduce Road Accidents. <i>Sensors</i> , 2019 , 19,	3.8	41

6	Portable System for Monitoring and Controlling Driver Behavior and the Use of a Mobile Phone While Driving. <i>Sensors</i> , 2019 , 19,	3.8	16
5	Poly(lactic-co-glycolic acid) Nanoparticles Loaded with Callistemon citrinus Phenolics Exhibited Anticancer Properties against Three Breast Cancer Cell Lines. <i>Journal of Food Quality</i> , 2019 , 2019, 1-12	2.7	16
4	Structure and Rheological Properties of Bovine Aortic Heart Valve and Pericardium Tissue: Implications in Bioprosthetic and Tissue-Engineered Heart Valves. <i>Journal of Healthcare Engineering</i> , 2019 , 2019, 3290370	3.7	
3	Reactive Nitrogen Species Releasing Hydrogel for Enhanced Wound Healing. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2019 , 2019, 3939-3942	0.9	4
2	Reduced Graphene Oxide Incorporated GelMA Hydrogel Promotes Angiogenesis For Wound Healing Applications. <i>International Journal of Nanomedicine</i> , 2019 , 14, 9603-9617	7.3	60
1	Novel electrospun chitosan/polyvinyl alcohol/zinc oxide nanofibrous mats with antibacterial and antioxidant properties for diabetic wound healing. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 385-393	7.9	200