

Fawad Ur Rehman

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,295
citations

361045

20
h-index

360668

35
g-index

41
all docs

41
docs citations

41
times ranked

1747
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in nano scaffolds for bone repair. Bone Research, 2016, 4, 16050.	5.4	195
2	Biomedical applications of nano-titania in theranostics and photodynamic therapy. Biomaterials Science, 2016, 4, 40-54.	2.6	117
3	Carbon dots supported single Fe atom nanozyme for drug-resistant glioblastoma therapy by activating autophagy-lysosome pathway. Nano Today, 2022, 45, 101530.	6.2	79
4	Bio-imaging and Photodynamic Therapy with Tetra Sulphonatophenyl Porphyrin (TSPP)-TiO ₂ Nanowhiskers: New Approaches in Rheumatoid Arthritis Theranostics. Scientific Reports, 2015, 5, 11518.	1.6	65
5	Bougainvillea flower extract mediated zinc oxide's nanomaterials for antimicrobial and anticancer activity. Biomedicine and Pharmacotherapy, 2019, 116, 108983.	2.5	61
6	Real-Time Multimodal Bioimaging of Cancer Cells and Exosomes through Biosynthesized Iridium and Iron Nanoclusters. ACS Applied Materials & Interfaces, 2018, 10, 26056-26063.	4.0	60
7	Biosynthesized Gold Nanoclusters and Iron Complexes as Scaffolds for Multimodal Cancer Bioimaging. Small, 2016, 12, 6255-6265.	5.2	56
8	In Situ Multimodality Imaging of Cancerous Cells Based on a Selective Performance of Fe ²⁺ -Adsorbed Zeolitic Imidazolate Frameworks. Advanced Functional Materials, 2017, 27, 1603926.	7.8	46
9	Phosphorescent Ir (III) complexes as cellular staining agents for biomedical molecular imaging. Coordination Chemistry Reviews, 2020, 416, 213344.	9.5	44
10	Brain-Targeted Codelivery of Bcl-2/Bcl-xl and Mcl-1 Inhibitors by Biomimetic Nanoparticles for Orthotopic Glioblastoma Therapy. ACS Nano, 2022, 16, 6293-6308.	7.3	40
11	Greener Method for the Removal of Toxic Metal Ions from the Wastewater by Application of Agricultural Waste as an Adsorbent. Water (Switzerland), 2018, 10, 1316.	1.2	39
12	Rapid and multimodal in vivo bioimaging of cancer cells through in situ biosynthesis of Zn&Fe nanoclusters. Nano Research, 2017, 10, 2626-2632.	5.8	38
13	Nanomedicine-based immunotherapy for central nervous system disorders. Acta Pharmacologica Sinica, 2020, 41, 936-953.	2.8	38
14	Nano in nano: Biosynthesized gold and iron nanoclusters cargo neoplastic exosomes for cancer status biomarking. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 2619-2631.	1.7	36
15	Heme Oxygenase-1 targeting exosomes for temozolomide resistant glioblastoma synergistic therapy. Journal of Controlled Release, 2022, 345, 696-708.	4.8	34
16	Real-Time Evaluation of Live Cancer Cells by an <i>In Situ</i> Surface Plasmon Resonance and Electrochemical Study. ACS Applied Materials & Interfaces, 2015, 7, 24848-24854.	4.0	31
17	<i>In situ</i> self-assembled Ag ⁺ Fe ₃ O ₄ nanoclusters in exosomes for cancer diagnosis. Journal of Materials Chemistry B, 2020, 8, 2845-2855.	2.9	30
18	Titanium dioxide-tetra sulphonatophenyl porphyrin nanocomposites for target cellular bio-imaging and treatment of rheumatoid arthritis. Science China Chemistry, 2016, 59, 637-642.	4.2	26

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19	Synergy and translation of allogenic bone marrow stem cells after photodynamic treatment of rheumatoid arthritis with tetra sulfonatophenyl porphyrin and TiO ₂ nanowhiskers. Nano Research, 2016, 9, 3305-3321.	5.8	24
20	In Vivo Biosynthesized Zinc and Iron Oxide Nanoclusters for High Spatiotemporal Dual-Modality Bioimaging of Alzheimer's Disease. Langmuir, 2017, 33, 9018-9024.	1.6	22
21	Protective effect of TiO ₂ nanowhiskers on Tetra Sulphonatophenyl Porphyrin (TSP) complexes induced oxidative stress during photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2016, 13, 267-275.	1.3	21
22	Cancer-exocytosed exosomes loaded with bio-assembled AgNCs as smart drug carriers for targeted chemotherapy. Chemical Engineering Journal, 2022, 440, 135980.	6.6	20
23	Facile synthesis of fluorescent Au/Ce nanoclusters for high-sensitive bioimaging. Journal of Nanobiotechnology, 2015, 13, 8.	4.2	19
24	Mammalian cells: a unique scaffold for <i>in situ</i> biosynthesis of metallic nanomaterials and biomedical applications. Journal of Materials Chemistry B, 2018, 6, 6501-6514.	2.9	19
25	Specific Oxide Nanoclusters Enhance Intracellular Reactive Oxygen Species for Cancer-Targeted Therapy. Langmuir, 2020, 36, 9472-9480.	1.6	15
26	Biocompatible exosomes nanodrug cargo for cancer cell bioimaging and drug delivery. Biomedical Materials (Bristol), 2021, 16, 025026.	1.7	15
27	SERS-based nanostrategy for rapid anemia diagnosis. Nanoscale, 2020, 12, 1948-1957.	2.8	14
28	In-situ green synthesis of highly active GSH-capped Pt-Au-Ag-hybrid nanoclusters. Science China Chemistry, 2014, 57, 1532-1537.	4.2	13
29	Ultrasound-activated nano-TiO ₂ loaded with temozolomide paves the way for resection of chemoresistant glioblastoma multiforme. Cancer Nanotechnology, 2021, 12, .	1.9	13
30	Influence of photoactivated tetra sulphonatophenyl porphyrin and TiO ₂ nanowhiskers on rheumatoid arthritis infected bone marrow stem cell proliferation <i>in vitro</i> and oxidative stress biomarkers <i>in vivo</i> . RSC Advances, 2015, 5, 107285-107292.	1.7	12
31	Blood-brain barrier amenable gold nanoparticles biofabrication in aged cell culture medium. Materials Today Bio, 2020, 8, 100072.	2.6	11
32	In vivo target bio-imaging of cerebral ischemic stroke by real-time labeling of zinc. RSC Advances, 2016, 6, 110525-110534.	1.7	10
33	Photoactivated TiO ₂ Nanowhiskers and Tetra Sulphonatophenyl Porphyrin Normoglycemic Effect on Diabetes Mellitus During Photodynamic Therapy. Journal of Nanoscience and Nanotechnology, 2016, 16, 12691-12694.	0.9	8
34	In Vivo Dopamine Biosensor Based on Copper(I) Sulfide Functionalized Reduced Graphene Oxide Decorated Microelectrodes. Journal of Biomedical Nanotechnology, 2018, 14, 1277-1286.	0.5	6
35	Highly sensitive electrochemical detection of living cells based on diamond microelectrode arrays. Chinese Chemical Letters, 2018, 29, 919-921.	4.8	5
36	The Strategies of Nanomaterials for Traversing Blood-Brain Barrier. , 2019, , 29-57.		5

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37	A new wave of oral cancer epidemic among youth in Pakistan. <i>Oral Oncology</i> , 2020, 100, 104480.	0.8	2
38	Normalizing Tumor Microenvironment Provide Unprecedented Opportunity for Improving Nanomedicine. <i>Journal of Bionanoscience</i> , 2015, 9, 85-93.	0.4	0