

# Fawad Ur Rehman

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,295  
citations

361296

20  
h-index

360920

35  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1747  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Heme Oxygenase-1 targeting exosomes for temozolomide resistant glioblastoma synergistic therapy. Journal of Controlled Release, 2022, 345, 696-708.	4.8	34
3	Cancer-exocytosed exosomes loaded with bio-assembled AgNCs as smart drug carriers for targeted chemotherapy. Chemical Engineering Journal, 2022, 440, 135980.	6.6	20
4	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
5	Biocompatible exosomes nanodrug cargo for cancer cell bioimaging and drug delivery. Biomedical Materials (Bristol), 2021, 16, 025026.	1.7	15
6	Ultrasound-activated nano-TiO <sub>2</sub> loaded with temozolomide paves the way for resection of chemoresistant glioblastoma multiforme. Cancer Nanotechnology, 2021, 12, .	1.9	13
7	A new wave of oral cancer epidemic among youth in Pakistan. Oral Oncology, 2020, 100, 104480.	0.8	2
8	SERS-based nanostrategy for rapid anemia diagnosis. Nanoscale, 2020, 12, 1948-1957.	2.8	14
9	Blood-brain barrier amenable gold nanoparticles biofabrication in aged cell culture medium. Materials Today Bio, 2020, 8, 100072.	2.6	11
10	Specific Oxide Nanoclusters Enhance Intracellular Reactive Oxygen Species for Cancer-Targeted Therapy. Langmuir, 2020, 36, 9472-9480.	1.6	15
11	Nanomedicine-based immunotherapy for central nervous system disorders. Acta Pharmacologica Sinica, 2020, 41, 936-953.	2.8	38
12	<i>In situ</i> self-assembled Ag@Fe <sub>3</sub> O <sub>4</sub> nanoclusters in exosomes for cancer diagnosis. Journal of Materials Chemistry B, 2020, 8, 2845-2855.	2.9	30
13	Phosphorescent Ir (III) complexes as cellular staining agents for biomedical molecular imaging. Coordination Chemistry Reviews, 2020, 416, 213344.	9.5	44
14	The Strategies of Nanomaterials for Traversing Blood-Brain Barrier. , 2019, , 29-57.		5
15	Bougainvillea flower extract mediated zinc oxide@TiO <sub>2</sub> nanomaterials for antimicrobial and anticancer activity. Biomedicine and Pharmacotherapy, 2019, 116, 108983.	2.5	61
16	Highly sensitive electrochemical detection of living cells based on diamond microelectrode arrays. Chinese Chemical Letters, 2018, 29, 919-921.	4.8	5
17	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
18	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

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19	Mammalian cells: a unique scaffold for <i>in situ</i> biosynthesis of metallic nanomaterials and biomedical applications. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6501-6514.	2.9	19
20	Real-Time Multimodal Bioimaging of Cancer Cells and Exosomes through Biosynthesized Iridium and Iron Nanoclusters. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 26056-26063.	4.0	60
21	Nano in nano: Biosynthesized gold and iron nanoclusters cargo neoplastic exosomes for cancer status biomarking. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2619-2631.	1.7	36
22	Rapid and multimodal <i>in vivo</i> bioimaging of cancer cells through <i>in situ</i> biosynthesis of Zn&Fe nanoclusters. <i>Nano Research</i> , 2017, 10, 2626-2632.	5.8	38
23	In Situ Multimodality Imaging of Cancerous Cells Based on a Selective Performance of Fe <sup>2+</sup> Adsorbed Zeolitic Imidazolate Framework. <i>Advanced Functional Materials</i> , 2017, 27, 1603926.	7.8	46
24	In Vivo Biosynthesized Zinc and Iron Oxide Nanoclusters for High Spatiotemporal Dual-Modality Bioimaging of Alzheimer's Disease. <i>Langmuir</i> , 2017, 33, 9018-9024.	1.6	22
25	Photoactivated TiO <sub>2</sub> Nanowhiskers and Tetra Sulphonatophenyl Porphyrin Normoglycemic Effect on Diabetes Mellitus During Photodynamic Therapy. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 12691-12694.	0.9	8
26	Recent advances in nano scaffolds for bone repair. <i>Bone Research</i> , 2016, 4, 16050.	5.4	195
27	Titanium dioxide-tetra sulphonatophenyl porphyrin nanocomposites for target cellular bio-imaging and treatment of rheumatoid arthritis. <i>Science China Chemistry</i> , 2016, 59, 637-642.	4.2	26
28	Biosynthesized Gold Nanoclusters and Iron Complexes as Scaffolds for Multimodal Cancer Bioimaging. <i>Small</i> , 2016, 12, 6255-6265.	5.2	56
29	Synergy and translation of allogenic bone marrow stem cells after photodynamic treatment of rheumatoid arthritis with tetra sulfonatophenyl porphyrin and TiO <sub>2</sub> nanowhiskers. <i>Nano Research</i> , 2016, 9, 3305-3321.	5.8	24
30	In vivo target bio-imaging of cerebral ischemic stroke by real-time labeling of zinc. <i>RSC Advances</i> , 2016, 6, 110525-110534.	1.7	10
31	Protective effect of TiO <sub>2</sub> nanowhiskers on Tetra Sulphonatophenyl Porphyrin (TSPP) complexes induced oxidative stress during photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 13, 267-275.	1.3	21
32	Biomedical applications of nano-titania in theranostics and photodynamic therapy. <i>Biomaterials Science</i> , 2016, 4, 40-54.	2.6	117
33	Bio-imaging and Photodynamic Therapy with Tetra Sulphonatophenyl Porphyrin (TSPP)-TiO <sub>2</sub> Nanowhiskers: New Approaches in Rheumatoid Arthritis Theranostics. <i>Scientific Reports</i> , 2015, 5, 11518.	1.6	65
34	Normalizing Tumor Microenvironment Provide Unprecedented Opportunity for Improving Nanomedicine. <i>Journal of Bionanoscience</i> , 2015, 9, 85-93.	0.4	0
35	Real-Time Evaluation of Live Cancer Cells by an <i>in Situ</i> Surface Plasmon Resonance and Electrochemical Study. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 24848-24854.	4.0	31
36	Facile synthesis of fluorescent Au/Ce nanoclusters for high-sensitive bioimaging. <i>Journal of Nanobiotechnology</i> , 2015, 13, 8.	4.2	19

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37	Influence of photoactivated tetra sulphonatophenyl porphyrin and TiO <sub>2</sub> nanowhiskers on rheumatoid arthritis infected bone marrow stem cell proliferation in vitro and oxidative stress biomarkers in vivo. RSC Advances, 2015, 5, 107285-107292.	1.7	12
38	In-situ green synthesis of highly active GSH-capped Pt-Au-Ag-hybrid nanoclusters. Science China Chemistry, 2014, 57, 1532-1537.	4.2	13