

# Wenhuan Bu

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

790  
citations

516710

16  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aspirin-Based Carbon Dots, a Good Biocompatibility of Material Applied for Bioimaging and Anti-Inflammation. ACS Applied Materials & Interfaces, 2016, 8, 32706-32716.	8.0	140
2	CXCL12/CXCR4 pathway orchestrates CSC-like properties by CAF recruited tumor associated macrophage in OSCC. Experimental Cell Research, 2019, 378, 131-138.	2.6	119
3	A highly selective fluorescent sensor for Al <sup>3+</sup> and the use of the resulting complex as a secondary sensor for PPI in aqueous media: its applicability in live cell imaging. Dalton Transactions, 2015, 44, 11352-11359.	3.3	67
4	A highly specific pyrene-based fluorescent probe for hypochlorite and its application in cell imaging. Sensors and Actuators B: Chemical, 2015, 211, 164-169.	7.8	55
5	A colorimetric and fluorescent probe for multiple transition metal ions (Cu <sup>2+</sup> , Zn <sup>2+</sup> and Ni <sup>2+</sup> ): Fast response and high selectivity. Sensors and Actuators B: Chemical, 2015, 220, 463-471.	7.8	47
6	Ascorbic Acid-PEI Carbon Dots with Osteogenic Effects as miR-2861 Carriers to Effectively Enhance Bone Regeneration. ACS Applied Materials & Interfaces, 2020, 12, 50287-50302.	8.0	40
7	Controllable acidophilic dual-emission fluorescent carbonized polymer dots for selective imaging of bacteria. Nanoscale, 2019, 11, 9526-9532.	5.6	36
8	Regulation of FN1 degradation by the p62/SQSTM1-dependent autophagy-lysosome pathway in HNSCC. International Journal of Oral Science, 2020, 12, 34.	8.6	32
9	Long non-coding RNA TIRY promotes tumor metastasis by enhancing epithelial-to-mesenchymal transition in oral cancer. Experimental Biology and Medicine, 2020, 245, 585-596.	2.4	30
10	Rational design of hydrogels for immunomodulation. International Journal of Energy Production and Management, 2022, 9, .	3.7	29
11	Osteopromotive carbon dots promote bone regeneration through the PERK-eIF2 $\gamma$ -ATF4 pathway. Biomaterials Science, 2020, 8, 2840-2852.	5.4	22
12	Preparation and characterization of silane-modified SiO <sub>2</sub> particles reinforced resin composites with fluorinated acrylate polymer. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 80, 11-19.	3.1	21
13	Bone mesenchymal stem cells are recruited via CXCL8-CXCR2 and promote EMT through TGF $\beta$ 2 signal pathways in oral squamous carcinoma. Cell Proliferation, 2020, 53, e12859.	5.3	21
14	Carbon Dots Induce Epithelial-Mesenchymal Transition for Promoting Cutaneous Wound Healing via Activation of TGF $\beta$ 2/p38/Snail Pathway. Advanced Functional Materials, 2020, 30, 2004886.	14.9	19
15	Modification of Metal-Organic Framework Nanoparticles Using Dental Pulp Mesenchymal Stem Cell Membranes to Target Oral Squamous Cell Carcinoma. Journal of Colloid and Interface Science, 2021, 601, 650-660.	9.4	19
16	Effective delivery of bone morphogenetic protein 2 gene using chitosan-polyethylenimine nanoparticle to promote bone formation. RSC Advances, 2016, 6, 34081-34089.	3.6	18
17	Synthesis, characterization and evaluation of a fluorinated resin monomer with low water sorption. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 77, 446-454.	3.1	18
18	&lt;p&gt;Disulfiram inhibits epithelial&ndash;mesenchymal transition through TGF&beta;&ndash;ERK&ndash;Snail pathway independently of Smad4 to decrease oral squamous cell carcinoma metastasis&lt;/p&gt;. Cancer Management and Research, 2019, Volume 11, 3887-3898.	1.9	16

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19	Bone formation promoted by bone morphogenetic protein-2 plasmid-loaded porous silica nanoparticles with the involvement of autophagy. <i>Nanoscale</i> , 2019, 11, 21953-21963.	5.6	15
20	Characteristics of three sizes of silica nanoparticles in the osteoblastic cell line, MC3T3-E1. <i>RSC Advances</i> , 2014, 4, 46481-46487.	3.6	11
21	Rapamycin promotes osteogenesis under inflammatory conditions. <i>Molecular Medicine Reports</i> , 2017, 16, 8923-8929.	2.4	10
22	Nanoparticles based on retinoic acid capped with ferrocenium: a novel synthesized targetable nanoparticle both with anti-cancer effect and drug loading capacity. <i>RSC Advances</i> , 2019, 9, 16208-16214.	3.6	2