

# Zhiwei Fang

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,029  
citations

759055

12  
h-index

752573

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g-index

23  
all docs

23  
docs citations

23  
times ranked

1580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional biomimetic hydrogel based on graphene nanoparticles and sodium alginate for peripheral nerve injury therapy. , 2022, 135, 212727.		7
2	Structurally Dynamic Hydrogels for Biomedical Applications: Pursuing a Fine Balance between Macroscopic Stability and Microscopic Dynamics. Chemical Reviews, 2021, 121, 11149-11193.	23.0	161
3	(â€)â€Epigallocatechin gallateâ€Loaded polycaprolactone scaffolds fabricated using a 3D integrated moulding method alleviate immune stress and induce neurogenesis. Cell Proliferation, 2020, 53, e12730.	2.4	43
4	&lt;p&gt;Honokiol-mesoporous Silica Nanoparticles Inhibit Vascular Restenosis via the Suppression of TGF-Î² Signaling Pathway&lt;/p&gt;. International Journal of Nanomedicine, 2020, Volume 15, 5239-5252.	3.3	6
5	A Driving and Control Scheme of High Power Piezoelectric Systems over a Wide Operating Range. Sensors, 2020, 20, 4401.	2.1	4
6	Novel fluorinated polycationic delivery of anti-VEGF siRNA for tumor therapy. NPG Asia Materials, 2020, 12, .	3.8	14
7	A fluorinated low-molecular-weight PEI/HIF-1Î± shRNA polyplex system for hemangioma therapy. Biomaterials Science, 2020, 8, 2129-2142.	2.6	10
8	Enhancement of sciatic nerve regeneration with dual delivery of vascular endothelial growth factor and nerve growth factor genes. Journal of Nanobiotechnology, 2020, 18, 46.	4.2	31
9	Effects of Pulsatile Frequency of Left Ventricular Assist Device (LVAD) on Coronary Perfusion: A Numerical Simulation Study. Medical Science Monitor, 2020, 26, e925367.	0.5	2
10	A Low-Molecular-Weight Polyethylenimine/pDNA-VEGF Polyplex System Constructed in a One-Pot Manner for Hindlimb Ischemia Therapy. Pharmaceutics, 2019, 11, 171.	2.0	2
11	Velocity Control of Traveling-Wave Ultrasonic Motors Based on Stator Vibration Amplitude. Sensors, 2019, 19, 5326.	2.1	13
12	pH-Responsive Cross-Linked Low Molecular Weight Polyethylenimine as an Efficient Gene Vector for Delivery of Plasmid DNA Encoding Anti-VEGF-shRNA for Tumor Treatment. Frontiers in Oncology, 2018, 8, 354.	1.3	4
13	Notice of Removal: Effect of Stiffness Variation on Satoregen Frequency for Traveling Wave Rotary Ultrasonic Motors. , 2018, , .		0
14	Pure Organic Persistent Roomâ€Temperature Phosphorescence at both Crystalline and Amorphous States. ChemPhysChem, 2018, 19, 2389-2396.	1.0	41
15	3D melatonin nerve scaffold reduces oxidative stress and inflammation and increases autophagy in peripheral nerve regeneration. Journal of Pineal Research, 2018, 65, e12516.	3.4	70
16	Osteoinductivity and Antibacterial Properties of Strontium Ranelate-Loaded Poly(Lactic-co-Glycolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Pharmacology, 2018, 9, 368.	1.6	37
17	Strontium ranelate-loaded PLGA porous microspheres enhancing the osteogenesis of MC3T3-E1 cells. RSC Advances, 2017, 7, 24607-24615.	1.7	21
18	Effect of Stiffness Variation on Satoregen Frequency for Traveling Wave Rotary Ultrasonic Motors. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Immune Activities of Polycationic Vectors for Gene Delivery. <i>Frontiers in Pharmacology</i> , 2017, 8, 510.	1.6	14
20	Biodegradable Carriers for Delivery of VEGF Plasmid DNA for the Treatment of Critical Limb Ischemia. <i>Frontiers in Pharmacology</i> , 2017, 8, 528.	1.6	9
21	An Overview of Pickering Emulsions: Solid-Particle Materials, Classification, Morphology, and Applications. <i>Frontiers in Pharmacology</i> , 2017, 8, 287.	1.6	481
22	Advances in Autoimmune Epilepsy Associated with Antibodies, Their Potential Pathogenic Molecular Mechanisms, and Current Recommended Immunotherapies. <i>Frontiers in Immunology</i> , 2017, 8, 395.	2.2	17
23	Bisphenol A, an environmental estrogen-like toxic chemical, induces cardiac fibrosis by activating the ERK1/2 pathway. <i>Toxicology Letters</i> , 2016, 250-251, 1-9.	0.4	42