

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

20
g-index

23
all docs

23
docs citations

23
times ranked

1580
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview of Pickering Emulsions: Solid-Particle Materials, Classification, Morphology, and Applications. <i>Frontiers in Pharmacology</i> , 2017, 8, 287.	1.6	481
2	Structurally Dynamic Hydrogels for Biomedical Applications: Pursuing a Fine Balance between Macroscopic Stability and Microscopic Dynamics. <i>Chemical Reviews</i> , 2021, 121, 11149-11193.	23.0	161
3	3D melatonin nerve scaffold reduces oxidative stress and inflammation and increases autophagy in peripheral nerve regeneration. <i>Journal of Pineal Research</i> , 2018, 65, e12516.	3.4	70
4	(â€)â€Epigallocatechin gallateâ€loaded polycaprolactone scaffolds fabricated using a 3D integrated moulding method alleviate immune stress and induce neurogenesis. <i>Cell Proliferation</i> , 2020, 53, e12730.	2.4	43
5	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
6	Pure Organic Persistent Roomâ€Temperature Phosphorescence at both Crystalline and Amorphous States. <i>ChemPhysChem</i> , 2018, 19, 2389-2396.	1.0	41
7	Osteoinductivity and Antibacterial Properties of Strontium Ranelate-Loaded Poly(Lactic-co-Glycolic) Tj ETQq1 1 0.784314 rgBT /Overload Pharmacology, 2018, 9, 368.	1.6	37
8	Enhancement of sciatic nerve regeneration with dual delivery of vascular endothelial growth factor and nerve growth factor genes. <i>Journal of Nanobiotechnology</i> , 2020, 18, 46.	4.2	31
9	Strontium ranelate-loaded PLGA porous microspheres enhancing the osteogenesis of MC3T3-E1 cells. <i>RSC Advances</i> , 2017, 7, 24607-24615.	1.7	21
10	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
11	Immune Activities of Polycationic Vectors for Gene Delivery. <i>Frontiers in Pharmacology</i> , 2017, 8, 510.	1.6	14
12	Novel fluorinated polycationic delivery of anti-VEGF siRNA for tumor therapy. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	14
13	Velocity Control of Traveling-Wave Ultrasonic Motors Based on Stator Vibration Amplitude. <i>Sensors</i> , 2019, 19, 5326.	2.1	13
14	A fluorinated low-molecular-weight PEI/HIF-1Î± shRNA polyplex system for hemangioma therapy. <i>Biomaterials Science</i> , 2020, 8, 2129-2142.	2.6	10
15	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
16	Multifunctional biomimetic hydrogel based on graphene nanoparticles and sodium alginate for peripheral nerve injury therapy. , 2022, 135, 212727.		7
17	<p>Honokiol-mesoporous Silica Nanoparticles Inhibit Vascular Restenosis via the Suppression of TGF-Î² Signaling Pathway</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5239-5252.	3.3	6
18	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. <i>Frontiers in Oncology</i> , 2018, 8, 354.	1.3	4

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19	A Driving and Control Scheme of High Power Piezoelectric Systems over a Wide Operating Range. Sensors, 2020, 20, 4401.	2.1	4
20	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
21	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
22	Effect of Stiffness Variation on Satoregen Frequency for Traveling Wave Rotary Ultrasonic Motors. , 2017, , .		0
23	Notice of Removal: Effect of Stiffness Variation on Satoregen Frequency for Traveling Wave Rotary Ultrasonic Motors. , 2018, , .		0