

Wei Feng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

2,382
citations

27
h-index

48
g-index

64
ext. papers

3,152
ext. citations

10.8
avg, IF

5.47
L-index

#	Paper	IF	Citations
57	Efficient phosphate recovery as vivianite: synergistic effect of iron minerals and microorganisms. <i>Environmental Science: Water Research and Technology</i> , 2022 , 8, 270-279	4.2	
56	Contrast-enhanced magnetic resonance imaging perfusion can predict microvascular invasion in patients with hepatocellular carcinoma (between 1 and 5µm).. <i>Abdominal Radiology</i> , 2022 , 1	3	0
55	Persistent luminescence phosphor as light source for tumoral cyanobacterial photosynthetic oxygenation and photodynamic therapy.. <i>Bioactive Materials</i> , 2022 , 10, 131-144	16.7	4
54	Biomedical Engineering of Two-Dimensional MXenes.. <i>Advanced Drug Delivery Reviews</i> , 2022 , 114178	18.5	6
53	Engineering vanadium carbide MXene as multienzyme mimetics for efficient in vivo ischemic stroke treatment. <i>Chemical Engineering Journal</i> , 2022 , 440, 135810	14.7	2
52	Oxygen-Independent Sulfate Radical for Stimuli-Responsive Tumor Nanotherapy.. <i>Advanced Science</i> , 2022 , e2200974	13.6	2
51	Photosynthetic Oxygenation-Augmented Sonodynamic Nanotherapy of Hypoxic Tumors. <i>Advanced Healthcare Materials</i> , 2021 , e2102135	10.1	4
50	Biodegradable and Excretable 2D W C i-MXene with Vacancy Ordering for Theory-Oriented Cancer Nanotheranostics in Near-Infrared Biowindow. <i>Advanced Science</i> , 2021 , 8, e2101043	13.6	7
49	2D vanadium carbide MXenzyme to alleviate ROS-mediated inflammatory and neurodegenerative diseases. <i>Nature Communications</i> , 2021 , 12, 2203	17.4	46
48	Autophagy blockade synergistically enhances nanosonosensitizer-enabled sonodynamic cancer nanotherapeutics. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 112	9.4	5
47	Multifunctional cascade nanocatalysts for NIR-II-synergized photonic hyperthermia-strengthened nanocatalytic therapy of epithelial and embryonal tumors. <i>Chemical Engineering Journal</i> , 2021 , 411, 128364	14.7	5
46	Engineering two-dimensional silicene composite nanosheets for dual-sensitized and photonic hyperthermia-augmented cancer radiotherapy. <i>Biomaterials</i> , 2021 , 269, 120455	15.6	19
45	Two-dimensional biomaterials: material science, biological effect and biomedical engineering applications. <i>Chemical Society Reviews</i> , 2021 , 50, 11381-11485	58.5	23
44	Sorting and identification of circulating tumor cells of gliomas with EGFR antibody-modified immunomagnetic microspheres. <i>AIP Advances</i> , 2021 , 11, 025141	1.5	0
43	Beyond the Visible: Bioinspired Infrared Adaptive Materials. <i>Advanced Materials</i> , 2021 , 33, e2004754	24	58
42	Emerging Nanomedicine-Enabled/Enhanced Nanodynamic Therapies beyond Traditional Photodynamics. <i>Advanced Materials</i> , 2021 , 33, e2005062	24	40
41	Biosynthesis of the Anticancer Compound Euphol in. <i>ACS Synthetic Biology</i> , 2021 , 10, 2351-2358	5.7	0

40	Mitochondria-specific nanocatalysts for chemotherapy-augmented sequential chemoreactive tumor therapy. <i>Exploration</i> , 2021 , 1, 50-60		20
39	Ultrasound-Controlled CRISPR/Cas9 System Augments Sonodynamic Therapy of Hepatocellular Carcinoma.. <i>ACS Central Science</i> , 2021 , 7, 2049-2062	16.8	8
38	Structured silicon for revealing transient and integrated signal transductions in microbial systems. <i>Science Advances</i> , 2020 , 6, eaay2760	14.3	10
37	Single-Atom Catalysts in Catalytic Biomedicine. <i>Advanced Materials</i> , 2020 , 32, e1905994	24	128
36	Chemoreactive nanomedicine. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 6753-6764	7.3	9
35	Chemistry of two-dimensional MXene nanosheets in theranostic nanomedicine. <i>Chinese Chemical Letters</i> , 2020 , 31, 937-946	8.1	16
34	The Coppery Age: Copper (Cu)-Involved Nanotheranostics. <i>Advanced Science</i> , 2020 , 7, 2001549	13.6	41
33	TCR-pMHC bond conformation controls TCR ligand discrimination. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 203-217	15.4	15
32	Strontium-incorporated mineralized PLLA nanofibrous membranes for promoting bone defect repair. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 179, 363-373	6	24
31	Ultrathin Molybdenum Carbide MXene with Fast Biodegradability for Highly Efficient Theory-Oriented Photonic Tumor Hyperthermia. <i>Advanced Functional Materials</i> , 2019 , 29, 1901942	15.6	72
30	Nanocatalysts-Augmented and Photothermal-Enhanced Tumor-Specific Sequential Nanocatalytic Therapy in Both NIR-I and NIR-II Biowindows. <i>Advanced Materials</i> , 2019 , 31, e1805919	24	159
29	Mesoporous silica nanoparticles/gelatin porous composite scaffolds with localized and sustained release of vancomycin for treatment of infected bone defects. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 740-752	7.3	43
28	Highly Efficient Glioma Targeting of Tat Peptide-TTA1 Aptamer-Polyethylene Glycol-Modified Gelatin-Siloxane Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 2325-2329	1.3	6
27	Fabrication of heterogeneous porous bilayered nanofibrous vascular grafts by two-step phase separation technique. <i>Acta Biomaterialia</i> , 2018 , 79, 168-181	10.8	34
26	Effect of HUK on the outcome of ruptured intracranial aneurysm. <i>Brain and Behavior</i> , 2018 , 8, e01060	3.4	1
25	Marriage of Albumin-Gadolinium Complexes and MoS Nanoflakes as Cancer Theranostics for Dual-Modality Magnetic Resonance/Photoacoustic Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17786-17798	9.5	72
24	Facile synthesis of novel albumin-functionalized flower-like MoS ₂ nanoparticles for in vitro chemo-photothermal synergistic therapy. <i>RSC Advances</i> , 2016 , 6, 13040-13049	3.7	46
23	Electrophoretic Deposition of Dexamethasone-Loaded Mesoporous Silica Nanoparticles onto Poly(L-Lactic Acid)/Poly(ε-Caprolactone) Composite Scaffold for Bone Tissue Engineering. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4137-48	9.5	79

22	Synthesis and characterization of nanofibrous hollow microspheres with tunable size and morphology via thermally induced phase separation technique. <i>RSC Advances</i> , 2015 , 5, 61580-61585	3.7	9
21	BMP-2 Derived Peptide and Dexamethasone Incorporated Mesoporous Silica Nanoparticles for Enhanced Osteogenic Differentiation of Bone Mesenchymal Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 15777-89	9.5	152
20	In vitro and in vivo toxicity studies of copper sulfide nanoplates for potential photothermal applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 901-12	6	77
19	Thermo-and pH dual-responsive mesoporous silica nanoparticles for controlled drug release. <i>Journal of Controlled Release</i> , 2015 , 213, e69-70	11.7	4
18	Heparinized PLLA/PLCL nanofibrous scaffold for potential engineering of small-diameter blood vessel: tunable elasticity and anticoagulation property. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 1784-97	5.4	46
17	A drug delivery system based on novel hollow mesoporous silica nanospheres. <i>Journal of Controlled Release</i> , 2015 , 213, e108-9	11.7	2
16	Flower-like PEGylated MoS ₂ nanoflakes for near-infrared photothermal cancer therapy. <i>Scientific Reports</i> , 2015 , 5, 17422	4.9	148
15	Au/polypyrrole@Fe ₃ O ₄ nanocomposites for MR/CT dual-modal imaging guided-photothermal therapy: an in vitro study. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 4354-67	9.5	114
14	Engineering of biomimetic nanofibrous matrices for drug delivery and tissue engineering. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 7828-7848	7.3	72
13	Synthesis of hollow mesoporous silica nanoparticles with tunable shell thickness and pore size using amphiphilic block copolymers as core templates. <i>Dalton Transactions</i> , 2014 , 43, 11834-42	4.3	35
12	Effect of pH-responsive alginate/chitosan multilayers coating on delivery efficiency, cellular uptake and biodistribution of mesoporous silica nanoparticles based nanocarriers. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8447-60	9.5	175
11	Antitumor efficacy of a PLGA composite nanofiber embedded with doxorubicin@MSNs and hydroxycamptothecin@HANPs. <i>RSC Advances</i> , 2014 , 4, 53344-53351	3.7	33
10	Polyelectrolyte multilayer functionalized mesoporous silica nanoparticles for pH-responsive drug delivery: layer thickness-dependent release profiles and biocompatibility. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5886-5898	7.3	100
9	Doxorubicin-loaded electrospun poly(L-lactic acid)/mesoporous silica nanoparticles composite nanofibers for potential postsurgical cancer treatment. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 4601-4611	7.3	142
8	Rapid mineralization of porous gelatin scaffolds by electrodeposition for bone tissue engineering. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2111-2119		37
7	Sustained release of VEGF by coaxial electrospun dextran/PLGA fibrous membranes in vascular tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011 , 22, 1811-27	3.5	58
6	Fabrication of gelatin-hyaluronic acid hybrid scaffolds with tunable porous structures for soft tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2011 , 48, 474-81	7.9	106
5	Fabrication of fibrinogen/P(LLA-CL) hybrid nanofibrous scaffold for potential soft tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 97, 339-47	5.4	38

4	Crosslinking of poly(L-lactide) nanofibers with triallyl isocyanurate by gamma-irradiation for tissue engineering application. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 99, 655-65	5.4	17
3	Clinical study of digital mammography, contrast-enhanced MRI as well as their combination in the diagnosis of breast cancer. <i>Chinese-German Journal of Clinical Oncology</i> , 2008 , 7, 286-291		1
2	Engineering Ultrasmall Ferroptosis-Targeting and Reactive Oxygen/Nitrogen Species-Scavenging Nanozyme for Alleviating Acute Kidney Injury. <i>Advanced Functional Materials</i> ,2109221	15.6	2
1	CRISPR/Cas9-2D Silicene Gene-Editing Nanosystem for Remote NIR-II-Induced Tumor Microenvironment Reprogramming and Augmented Photonic Tumor Ablation. <i>Advanced Functional Materials</i> ,2107093	15.6	2