

Xiaoyang Xu

List of Publications by Citations

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Version: 2024-04-28

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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.

31
papers

3,708
citations

17
h-index

33
g-index

33
ext. papers

4,420
ext. citations

9.8
avg, IF

5.64
L-index

#	Paper	IF	Citations
31	Cancer nanotechnology: the impact of passive and active targeting in the era of modern cancer biology. <i>Advanced Drug Delivery Reviews</i> , 2014 , 66, 2-25	18.5	1848
30	Cancer nanomedicine: from targeted delivery to combination therapy. <i>Trends in Molecular Medicine</i> , 2015 , 21, 223-32	11.5	470
29	Enhancing tumor cell response to chemotherapy through nanoparticle-mediated codelivery of siRNA and cisplatin prodrug. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 18638-43	11.5	255
28	Bioactive hydrogels for bone regeneration. <i>Bioactive Materials</i> , 2018 , 3, 401-417	16.7	213
27	Hydrogel as a bioactive material to regulate stem cell fate. <i>Bioactive Materials</i> , 2016 , 1, 39-55	16.7	151
26	Long-circulating siRNA nanoparticles for validating Prohibitin1-targeted non-small cell lung cancer treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7779-84	11.5	137
25	Preventing diet-induced obesity in mice by adipose tissue transformation and angiogenesis using targeted nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 5552-7	11.5	98
24	Drug Delivery to the Brain across the Blood-Brain Barrier Using Nanomaterials. <i>Small</i> , 2017 , 13, 170192111		97
23	Hybrid lipid-polymer nanoparticles for sustained siRNA delivery and gene silencing. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 897-900	6	61
22	Nanoparticles containing a liver X receptor agonist inhibit inflammation and atherosclerosis. <i>Advanced Healthcare Materials</i> , 2015 , 4, 228-36	10.1	56
21	Biomaterials in siRNA Delivery: A Comprehensive Review. <i>Advanced Healthcare Materials</i> , 2016 , 5, 2715-2731		50
20	Next-Generation Vaccines: Nanoparticle-Mediated DNA and mRNA Delivery. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001812	10.1	47
19	Injectable Citrate-Based Hydrogel as an Angiogenic Biomaterial Improves Cardiac Repair after Myocardial Infarction. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 38429-38439	9.5	36
18	Dual-Functional Dextran-PEG Hydrogel as an Antimicrobial Biomedical Material. <i>Macromolecular Bioscience</i> , 2018 , 18, 1700325	5.5	25
17	An intrinsically bioactive hydrogel with on-demand drug release behaviors for diabetic wound healing. <i>Bioactive Materials</i> , 2021 , 6, 4592-4606	16.7	23
16	Lysosome-targeting NIR ratiometric luminescent upconversion nanoprobe toward arginine. <i>Sensors and Actuators B: Chemical</i> , 2019 , 280, 94-101	8.5	22
15	Dopant-Free Hydrogels with Intrinsic Photoluminescence and Biodegradable Properties. <i>Advanced Functional Materials</i> , 2018 , 28, 1802607	15.6	21

14	Nanomedicine Approaches for Advanced Diagnosis and Treatment of Atherosclerosis and Related Ischemic Diseases. <i>Advanced Healthcare Materials</i> , 2020 , 9, e2000336	10.1	17
13	Nanotechnology-Mediated Drug Delivery for the Treatment of Obesity and Its Related Comorbidities. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1801184	10.1	14
12	Biodegradable nanoparticles decorated with different carbohydrates for efficient macrophage-targeted gene therapy. <i>Journal of Controlled Release</i> , 2020 , 323, 179-190	11.7	14
11	Highly specific colorimetric detection of DNA oxidation biomarker using gold nanoparticle/triplex DNA conjugates. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 2101-2105	6	10
10	Synthesis of PLGA-Lipid Hybrid Nanoparticles for siRNA Delivery Using the Emulsion Method PLGA-PEG-Lipid Nanoparticles for siRNA Delivery. <i>Methods in Molecular Biology</i> , 2017 , 1632, 231-240	1.4	10
9	Nanoparticle depots for controlled and sustained gene delivery. <i>Journal of Controlled Release</i> , 2020 , 322, 622-631	11.7	9
8	Development of Multinuclear Polymeric Nanoparticles as Robust Protein Nanocarriers. <i>Angewandte Chemie</i> , 2014 , 126, 9121-9125	3.6	8
7	Injectable PLGA-Coated Ropivacaine Produces A Long-Lasting Analgesic Effect on Incisional Pain and Neuropathic Pain. <i>Journal of Pain</i> , 2021 , 22, 180-195	5.2	5
6	Roles and Mechanisms of Irisin in Attenuating Pathological Features of Osteoarthritis. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 703670	5.7	4
5	Targeted delivery of a STING agonist to brain tumors using bioengineered protein nanoparticles for enhanced immunotherapy.. <i>Bioactive Materials</i> , 2022 , 16, 232-248	16.7	3
4	Injectable hydrogel mediated delivery of gene-engineered adipose-derived stem cells for enhanced osteoarthritis treatment. <i>Biomaterials Science</i> , 2021 , 9, 7603-7616	7.4	2
3	Exploring cutting-edge hydrogel technologies and their biomedical applications. <i>Bioactive Materials</i> , 2018 , 3, 446-447	16.7	1
2	Identification and Characterization of a Novel Long Noncoding RNA that Regulates Osteogenesis in Diet-Induced Obesity Mice.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 832460	5.7	0
1	Injectable Hydrogels for Vascular Tissue Engineering. <i>Methods in Molecular Biology</i> , 2022 , 2375, 165-176	1.4	