

Zhiliang Cheng

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8785139/zhiliang-cheng-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

40
papers

2,370
citations

21
h-index

40
g-index

40
ext. papers

2,704
ext. citations

10.1
avg, IF

5.03
L-index

#	Paper	IF	Citations
40	Multifunctional nanoparticles: cost versus benefit of adding targeting and imaging capabilities. <i>Science</i> , 2012 , 338, 903-10	33.3	1033
39	Gold-loaded polymeric micelles for computed tomography-guided radiation therapy treatment and radiosensitization. <i>ACS Nano</i> , 2014 , 8, 104-12	16.7	170
38	Gadolinium-conjugated dendrimer nanoclusters as a tumor-targeted T1 magnetic resonance imaging contrast agent. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 346-50	16.4	165
37	A pH-Responsive Drug-Delivery Platform Based on Glycol Chitosan-Coated Liposomes. <i>Small</i> , 2015 , 11, 4870-4	11	89
36	Paramagnetic porous polymersomes. <i>Langmuir</i> , 2008 , 24, 8169-73	4	82
35	Improved tumor targeting of polymer-based nanovesicles using polymer-lipid blends. <i>Bioconjugate Chemistry</i> , 2011 , 22, 2021-9	6.3	75
34	Lattice -Mismatch-Induced Ultrastable 1T-Phase MoS-Pd/Au for Plasmon-Enhanced Hydrogen Evolution. <i>Nano Letters</i> , 2019 , 19, 2758-2764	11.5	64
33	Protoporphyrin IX (PpIX)-Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Nanoclusters for Magnetic Resonance Imaging and Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1707030	15.6	62
32	Revealing the Intrinsic Peroxidase-Like Catalytic Mechanism of Heterogeneous Single-Atom Co-MoS. <i>Nano-Micro Letters</i> , 2019 , 11, 102	19.5	59
31	An intein-mediated site-specific click conjugation strategy for improved tumor targeting of nanoparticle systems. <i>Small</i> , 2010 , 6, 2460-8	11	52
30	A multifunctional nanoplatform for imaging, radiotherapy, and the prediction of therapeutic response. <i>Small</i> , 2015 , 11, 834-43	11	48
29	Chlorin e6-Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Nanoclusters as a Theranostic Agent for Dual-Mode Imaging and Photodynamic Therapy. <i>Scientific Reports</i> , 2019 , 9, 2613	4.9	46
28	Facile method for the site-specific, covalent attachment of full-length IgG onto nanoparticles. <i>Small</i> , 2014 , 10, 3354-63	11	38
27	Improved Photodynamic Therapy Efficacy of Protoporphyrin IX-Loaded Polymeric Micelles Using Erlotinib Pretreatment. <i>Biomacromolecules</i> , 2017 , 18, 1836-1844	6.9	32
26	Signal-off impedimetric immunosensor for the detection of Escherichia coli O157:H7. <i>Scientific Reports</i> , 2016 , 6, 19806	4.9	32
25	Superoxide Dismutase-Loaded Porous Polymersomes as Highly Efficient Antioxidants for Treating Neuropathic Pain. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700500	10.1	32
24	Use of Oppositely Polarized External Magnets To Improve the Accumulation and Penetration of Magnetic Nanocarriers into Solid Tumors. <i>ACS Nano</i> , 2020 , 14, 142-152	16.7	32

23	Stabilized monolayer 1T MoS embedded in CoOOH for highly efficient overall water splitting. <i>Nanoscale</i> , 2018 , 10, 12330-12336	7.7	28
22	Radiofrequency-Triggered Drug Release from Nanoliposomes with Millimeter-Scale Resolution Using a Superimposed Static Gating Field. <i>Small</i> , 2018 , 14, e1802563	11	26
21	Self-Targeted Polysaccharide Prodrug Suppresses Orthotopic Hepatoma. <i>Molecular Pharmaceutics</i> , 2016 , 13, 4231-4235	5.6	21
20	Dextran-Benzoporphyrin Derivative (BPD) Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Micelles for T-Weighted Magnetic Resonance Imaging and Photodynamic Therapy. <i>Bioconjugate Chemistry</i> , 2019 , 30, 2974-2981	6.3	21
19	Stabilized porous liposomes with encapsulated Gd-labeled dextran as a highly efficient MRI contrast agent. <i>Chemical Communications</i> , 2014 , 50, 2502-4	5.8	19
18	Monitoring phospholipase A ₂ activity with Gd-encapsulated phospholipid liposomes. <i>Scientific Reports</i> , 2014 , 4, 6958	4.9	17
17	A simple method for the synthesis of porous polymeric vesicles and their application as MR contrast agents. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 9277-9284	7.3	15
16	Targeting cartilage EGFR pathway for osteoarthritis treatment. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	15
15	Inner filter effect-modulated ratiometric fluorescence aptasensor based on competition strategy for zearalenone detection in cereal crops: Using mitoxantrone as quencher of CdTe QDs@SiO ₂ . <i>Food Chemistry</i> , 2021 , 349, 129171	8.5	14
14	Gadolinium-Conjugated Dendrimer Nanoclusters as a Tumor-Targeted T1 Magnetic Resonance Imaging Contrast Agent. <i>Angewandte Chemie</i> , 2010 , 122, 356-360	3.6	13
13	Site-Specific Labeling of Cyanine and Porphyrin Dye-Stabilized Nanoemulsions with Affibodies for Cellular Targeting. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13550-13553	16.4	10
12	Magnetic Relaxation Switch Detecting Boric Acid or Borate Ester through One-Pot Synthesized Poly(vinyl alcohol) Functionalized Nanomagnetic Iron Oxide. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 16837-41	9.5	9
11	PLA ₂ -responsive and SPIO-loaded phospholipid micelles. <i>Chemical Communications</i> , 2015 , 51, 12313-5	5.8	9
10	Phospholipase A inhibitor-loaded micellar nanoparticles attenuate inflammation and mitigate osteoarthritis progression. <i>Science Advances</i> , 2021 , 7,	14.3	8
9	Phospholipase A Inhibitor-Loaded Phospholipid Micelles Abolish Neuropathic Pain. <i>ACS Nano</i> , 2020 , 14, 8103-8115	16.7	6
8	Indocyanine Green-Coated Polycaprolactone Micelles for Fluorescence Imaging of Tumors. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2344-2349	4.1	5
7	Quantum dot cluster (QDC)-loaded phospholipid micelles as a FRET probe for phospholipase A detection. <i>RSC Advances</i> , 2016 , 6, 15895-15899	3.7	5
6	Combined fluorescence-guided surgery and photodynamic therapy for glioblastoma multiforme using cyanine and chlorin nanocluster. <i>Journal of Neuro-Oncology</i> , 2020 , 149, 243-252	4.8	5

5	Superoxide Dismutase-Loaded Nanoparticles Attenuate Myocardial Ischemia-Reperfusion Injury and Protect Against Chronic Adverse Ventricular Remodeling. <i>Advanced Therapeutics</i> , 2021 , 4, 2100036	4.9	4
4	Simultaneous quantification of tumor uptake for targeted and nontargeted liposomes and their encapsulated contents by ICPMS. <i>Analytical Chemistry</i> , 2012 , 84, 7578-82	7.8	3
3	Combining 3D graphene-like screen-printed carbon electrode with methylene blue-loaded liposomal nanoprobe for phospholipase A detection. <i>Biosensors and Bioelectronics</i> , 2019 , 126, 255-260	11.8	3
2	Superoxide dismutase-loaded porous polymersomes as highly efficient antioxidant nanoparticles targeting synovium for osteoarthritis therapy.. <i>Biomaterials</i> , 2022 , 283, 121437	15.6	3
1	Magnetic Nanoparticles 2021 , 679-698		0