Wei Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9474185/publications.pdf

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26	1,622	430754	580701
papers	citations	18 h-index	25 g-index

26	26	26	2277
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microfluidic Electroporation-Facilitated Synthesis of Erythrocyte Membrane-Coated Magnetic Nanoparticles for Enhanced Imaging-Guided Cancer Therapy. ACS Nano, 2017, 11, 3496-3505.	7.3	377
2	Cancer Cell Membrane Camouflaged Nanoparticles to Realize Starvation Therapy Together with Checkpoint Blockades for Enhancing Cancer Therapy. ACS Nano, 2019, 13, 2849-2857.	7.3	253
3	Erythrocyte Membrane-Coated Upconversion Nanoparticles with Minimal Protein Adsorption for Enhanced Tumor Imaging. ACS Applied Materials & Interfaces, 2017, 9, 2159-2168.	4.0	195
4	Plateletâ€“Leukocyte Hybrid Membraneâ€Coated Immunomagnetic Beads for Highly Efficient and Highly Specific Isolation of Circulating Tumor Cells. Advanced Functional Materials, 2018, 28, 1803531.	7.8	154
5	Macrophage membrane-coated iron oxide nanoparticles for enhanced photothermal tumor therapy. Nanotechnology, 2018, 29, 134004.	1.3	91
6	A Biomimetic Nanodecoy Traps Zika Virus To Prevent Viral Infection and Fetal Microcephaly Development. Nano Letters, 2019, 19, 2215-2222.	4.5	69
7	Platelet membrane-coated nanoparticles for targeted drug delivery and local chemo-photothermal therapy of orthotopic hepatocellular carcinoma. Journal of Materials Chemistry B, 2020, 8, 4648-4659.	2.9	56
8	Biomimetic Immunomagnetic Nanoparticles with Minimal Nonspecific Biomolecule Adsorption for Enhanced Isolation of Circulating Tumor Cells. ACS Applied Materials & Interfaces, 2019, 11, 28732-28739.	4.0	49
9	Rapid synthesis of a Bi@ZIF-8 composite nanomaterial as a near-infrared-II (NIR-II) photothermal agent for the low-temperature photothermal therapy of hepatocellular carcinoma. Nanoscale, 2020, 12, 17064-17073.	2.8	47
10	Efficient Capture and High Activity Release of Circulating Tumor Cells by Using TiO₂ Nanorod Arrays Coated with Soluble MnO₂ Nanoparticles. ACS Applied Materials & Interfaces, 2018, 10, 16327-16334.	4.0	46
11	A novel â€œonâ€“offâ€“onâ€•fluorescence assay for the discriminative detection of Cu(<scp>ii</scp>) and <scp>l-</scp>cysteine based on red-emissive Si-CDs and cellular imaging applications. Journal of Materials Chemistry B, 2020, 8, 919-927.	2.9	34
12	An Acoustic Droplet-Induced Enzyme Responsive Platform for the Capture and On-Demand Release of Single Circulating Tumor Cells. ACS Applied Materials & Interfaces, 2019, 11, 41118-41126.	4.0	30
13	Highly biocompatible and recyclable biomimetic nanoparticles for antibiotic-resistant bacteria infection. Biomaterials Science, 2021, 9, 826-834.	2.6	28
14	Biomimetic Nanoplatform Loading Type I Aggregation-Induced Emission Photosensitizer and Glutamine Blockade to Regulate Nutrient Partitioning for Enhancing Antitumor Immunotherapy. ACS Nano, 2022, 16, 10742-10753.	7.3	26
15	Size-amplified acoustofluidic separation of circulating tumor cells with removable microbeads. Nano Futures, 2018, 2, 025004.	1.0	21
16	Enhancing the photodynamic therapy efficacy of black phosphorus nanosheets by covalently grafting fullerene C₆₀. Chemical Science, 2020, 11, 11435-11442.	3.7	21
17	Highly sensitive and rapid isolation of fetal nucleated red blood cells with microbead-based selective sedimentation for non-invasive prenatal diagnostics. Nanotechnology, 2018, 29, 434001.	1.3	20
18	Emerging Microfluidic Technologies for the Detection of Circulating Tumor Cells and Fetal Nucleated Red Blood Cells. ACS Applied Bio Materials, 2021, 4, 1140-1155.	2.3	19

#	Article	IF	Citations
19	NIR-II-Activated Yolkâ€“Shell Nanostructures as an Intelligent Platform for Parkinsonian Therapy. ACS Applied Bio Materials, 2020, 3, 6876-6887.	2.3	17
20	TiO₂ nanopillar arrays coated with gelatin film for efficient capture and undamaged release of circulating tumor cells. Nanotechnology, 2019, 30, 335101.	1.3	16
21	Efficient Electron Transport Scaffold Made up of Submicron TiO₂ Spheres for High-Performance Hole-Transport Material Free Perovskite Solar Cells. ACS Applied Energy Materials, 0, , .	2.5	13
22	One-step synthesis of green emission carbon dots for selective and sensitive detection of nitrite ions and cellular imaging application. RSC Advances, 2020, 10, 10067-10075.	1.7	11
23	Ultradense Erythrocyte Bionic Layer Used to Capture Circulating Tumor Cells and Plasma-Assisted High-Purity Release. ACS Applied Materials & Interfaces, 2021, 13, 24543-24552.	4.0	11
24	The Overall Release of Circulating Tumor Cells by Using Temperature Control and Matrix Metalloproteinase-9 Enzyme on Gelatin Film. ACS Applied Bio Materials, 2018, 1, 910-916.	2.3	8
25	Noninvasive Optical Isolation and Identification of Circulating Tumor Cells Engineered by Fluorescent Microspheres. ACS Applied Bio Materials, 2022, 5, 2768-2776.	2.3	6
26	A light-induced hydrogel responsive platform to capture and selectively isolate single circulating tumor cells. Nanoscale, 2022, 14, 3504-3512.	2.8	4