

Chaoyong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,124
citations

279701

23
h-index

302012

39
g-index

41
all docs

41
docs citations

41
times ranked

3375
citing authors

#	ARTICLE	IF	CITATIONS
1	Blood Exosomes Endowed with Magnetic and Targeting Properties for Cancer Therapy. ACS Nano, 2016, 10, 3323-3333.	7.3	362
2	Long non-coding RNA HOTAIR promotes glioblastoma cell cycle progression in an EZH2 dependent manner. Oncotarget, 2015, 6, 537-546.	0.8	207
3	Star-branched amphiphilic PLA-b-PDMAEMA copolymers for co-delivery of miR-21 inhibitor and doxorubicin to treat glioma. Biomaterials, 2014, 35, 2322-2335.	5.7	167
4	Multistage Delivery Nanoparticle Facilitates Efficient CRISPR/dCas9 Activation and Tumor Growth Suppression In Vivo. Advanced Science, 2019, 6, 1801423.	5.6	128
5	Engineering blood exosomes for tumor-targeting efficient gene/chemo combination therapy. Theranostics, 2020, 10, 7889-7905.	4.6	100
6	Biodegradable Polymer with Effective Near-Infrared Absorption as a Photothermal Agent for Deep Tumor Therapy. Advanced Materials, 2022, 34, e2105976.	11.1	92
7	Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration. Advanced Materials, 2019, 31, e1900727.	11.1	85
8	Sequential co-delivery of miR-21 inhibitor followed by burst release doxorubicin using NIR-responsive hollow gold nanoparticle to enhance anticancer efficacy. Journal of Controlled Release, 2016, 228, 74-86.	4.8	84
9	Systemic Delivery of Monoclonal Antibodies to the Central Nervous System for Brain Tumor Therapy. Advanced Materials, 2019, 31, e1805697.	11.1	84
10	A Bioinspired Platform for Effective Delivery of Protein Therapeutics to the Central Nervous System. Advanced Materials, 2019, 31, e1807557.	11.1	79
11	Efficient Delivery of Therapeutic miRNA Nanocapsules for Tumor Suppression. Advanced Materials, 2015, 27, 292-297.	11.1	76
12	Sustained delivery and molecular targeting of a therapeutic monoclonal antibody to metastases in the central nervous system of mice. Nature Biomedical Engineering, 2019, 3, 706-716.	11.6	75
13	Self-Sacrificially Degradable Pseudo-Semiconducting Polymer Nanoparticles that Integrate NIR Fluorescence Bioimaging, Photodynamic Immunotherapy, and Photo-Activated Chemotherapy. Advanced Materials, 2022, 34, .	11.1	65
14	An Antioxidant Enzyme Therapeutic for COVID-19. Advanced Materials, 2020, 32, e2004901.	11.1	61
15	Genome-Wide CRISPR-Cas9 Screening Identifies NF- κ B/E2F6 Responsible for EGFRVIII-Associated Temozolomide Resistance in Glioblastoma. Advanced Science, 2019, 6, 1900782.	5.6	53
16	NanoRNP Overcomes Tumor Heterogeneity in Cancer Treatment. Nano Letters, 2019, 19, 7662-7672.	4.5	45
17	A hematoporphyrin-based delivery system for drug resistance reversal and tumor ablation. Biomaterials, 2014, 35, 2462-2470.	5.7	43
18	A Multifunctional Composite Hydrogel That Rescues the ROS Microenvironment and Guides the Immune Response for Repair of Osteoporotic Bone Defects. Advanced Functional Materials, 2022, 32, .	7.8	41

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19	ICAT inhibits glioblastoma cell proliferation by suppressing Wnt/ β 2-catenin activity. <i>Cancer Letters</i> , 2015, 357, 404-411.	3.2	35
20	A novel Granzyme B nanoparticle delivery system simulates immune cell functions for suppression of solid tumors. <i>Theranostics</i> , 2019, 9, 7616-7627.	4.6	35
21	Surface Functionalization of Titanium Alloy with miR-29b Nanocapsules To Enhance Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 5783-5793.	4.0	32
22	Nanotherapeutics Overcoming the Blood-Brain Barrier for Glioblastoma Treatment. <i>Frontiers in Pharmacology</i> , 2021, 12, 786700.	1.6	30
23	Synthesis of star-branched PLA-b-PMPC copolymer micelles as long blood circulation vectors to enhance tumor-targeted delivery of hydrophobic drugs in vivo. <i>Materials Chemistry and Physics</i> , 2016, 180, 184-194.	2.0	26
24	Tumor Microenvironment-Tailored Weakly Cell-Interacted Extracellular Delivery Platform Enables Precise Antibody Release and Function. <i>Advanced Functional Materials</i> , 2019, 29, 1903296.	7.8	16
25	Delivery of Cationic Platinum Prodrugs via Reduction Sensitive Polymer for Improved Chemotherapy. <i>Small</i> , 2021, 17, e2101804.	5.2	16
26	An injectable miRNA-activated matrix for effective bone regeneration in vivo. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6942-6954.	2.9	14
27	Enzyme Therapeutic for Ischemia and Reperfusion Injury in Organ Transplantation. <i>Advanced Materials</i> , 2022, 34, e2105670.	11.1	11
28	Surface Modification of Polycaprolactone Scaffold With Improved Biocompatibility and Controlled Growth Factor Release for Enhanced Stem Cell Differentiation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 802311.	2.0	11
29	Real-time Quantification of Cell Internalization Kinetics by Functionalized Bioluminescent Nanoprobes. <i>Advanced Materials</i> , 2019, 31, e1902469.	11.1	10
30	Synergistic inhibition of human glioma cell line by temozolomide and PAMAM-mediated miR-21. <i>Journal of Applied Polymer Science</i> , 2013, 127, 570-576.	1.3	7
31	Nanoparticle delivery of a triple-action Pt(<i>iv</i>) prodrug to overcome cisplatin resistance via synergistic effect. <i>Biomaterials Science</i> , 2021, 10, 153-157.	2.6	6
32	Hollow poly(MPC-g-PEG-b-PLA) graft copolymer microcapsule as a potential drug carrier. <i>Journal of Microencapsulation</i> , 2012, 29, 242-249.	1.2	5
33	Systemic delivery of microRNA for treatment of brain ischemia. <i>Nano Research</i> , 2021, 14, 3319-3328.	5.8	5
34	Extracellular Delivery: Tumor Microenvironment-Tailored Weakly Cell-Interacted Extracellular Delivery Platform Enables Precise Antibody Release and Function (<i>Adv. Funct. Mater.</i> 43/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970301.	7.8	4
35	An Antioxidant Enzyme Therapeutic for Sepsis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 800684.	2.0	3
36	Neural Regeneration: Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration (<i>Adv. Mater.</i> 33/2019). <i>Advanced Materials</i> , 2019, 31, 1970233.	11.1	2

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37	An efficient photo-chemo combination therapeutic platform based on targeted reduction-responsive self-crosslinked polymer nanocapsules. <i>Materials Advances</i> , 2021, 2, 3020-3030.	2.6	2
38	Catalase-Based Therapeutics: An Antioxidant Enzyme Therapeutic for COVID-19 (Adv. Mater. 43/2020). <i>Advanced Materials</i> , 2020, 32, 2070321.	11.1	1
39	Crispr Library Screening: Genome-Wide CRISPR-Cas9 Screening Identifies NF- κ B/E2F6 Responsible for EGFRvIII-Associated Temozolomide Resistance in Glioblastoma (Adv. Sci. 17/2019). <i>Advanced Science</i> , 2019, 6, 1970103.	5.6	0
40	Brain Tumor Therapy: Systemic Delivery of Monoclonal Antibodies to the Central Nervous System for Brain Tumor Therapy (Adv. Mater. 19/2019). <i>Advanced Materials</i> , 2019, 31, 1970138.	11.1	0