Chaoyong Liu

List of Publications by Year
in descending order

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40	2,124	279701	302012
papers	citations	23 h-index	39 g-index

41	41	41	3375
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biodegradable Polymer with Effective Nearâ€Infraredâ€Absorption as a Photothermal Agent for Deep Tumor Therapy. Advanced Materials, 2022, 34, e2105976.	11.1	92
2	Enzyme Therapeutic for Ischemia and Reperfusion Injury in Organ Transplantation. Advanced Materials, 2022, 34, e2105670.	11.1	11
3	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
4	Selfâ€Sacrificially Degradable Pseudoâ€Semiconducting Polymer Nanoparticles that Integrate NIRâ€II Fluorescence Bioimaging, Photodynamic Immunotherapy, and Photoâ€Activated Chemotherapy. Advanced Materials, 2022, 34, .	11.1	65
5	Systemic delivery of microRNA for treatment of brain ischemia. Nano Research, 2021, 14, 3319-3328.	5.8	5
6	Delivery of Cationic Platinum Prodrugs via Reduction Sensitive Polymer for Improved Chemotherapy. Small, 2021, 17, e2101804.	5.2	16
7	An efficient photo-chemo combination therapeutic platform based on targeted reduction-responsive self-crosslinked polymer nanocapsules. Materials Advances, 2021, 2, 3020-3030.	2.6	2
8	Nanotherapeutics Overcoming the Blood-Brain Barrier for Glioblastoma Treatment. Frontiers in Pharmacology, 2021, 12, 786700.	1.6	30
9	An Antioxidant Enzyme Therapeutic for Sepsis. Frontiers in Bioengineering and Biotechnology, 2021, 9, 800684.	2.0	3
10	Nanoparticle delivery of a triple-action Pt(<scp>iv</scp>) prodrug to overcome cisplatin resistance via synergistic effect. Biomaterials Science, 2021, 10, 153-157.	2.6	6
11	Surface Modification of Polycaprolactone Scaffold With Improved Biocompatibility and Controlled Growth Factor Release for Enhanced Stem Cell Differentiation. Frontiers in Bioengineering and Biotechnology, 2021, 9, 802311.	2.0	11
12	Catalaseâ€Based Therapeutics: An Antioxidant Enzyme Therapeutic for COVIDâ€19 (Adv. Mater. 43/2020). Advanced Materials, 2020, 32, 2070321.	11.1	1
13	An Antioxidant Enzyme Therapeutic for COVIDâ€19. Advanced Materials, 2020, 32, e2004901.	11.1	61
14	Engineering blood exosomes for tumor-targeting efficient gene/chemo combination therapy. Theranostics, 2020, 10, 7889-7905.	4.6	100
15	Realâ€Time Quantification of Cell Internalization Kinetics by Functionalized Bioluminescent Nanoprobes. Advanced Materials, 2019, 31, e1902469.	11.1	10
16	Neural Regeneration: Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration (Adv. Mater. 33/2019). Advanced Materials, 2019, 31, 1970233.	11.1	2
17	Tumor Microenvironmentâ€Tailored Weakly Cellâ€Interacted Extracellular Delivery Platform Enables Precise Antibody Release and Function. Advanced Functional Materials, 2019, 29, 1903296.	7.8	16
18	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

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19	Genomeâ€Wide CRISPRâ€Cas9 Screening Identifies NFâ€ºB/E2F6 Responsible for EGFRvIIIâ€Associated Temozolomide Resistance in Glioblastoma. Advanced Science, 2019, 6, 1900782.	5.6	53
20	NanoRNP Overcomes Tumor Heterogeneity in Cancer Treatment. Nano Letters, 2019, 19, 7662-7672.	4.5	45
21	Extracellular Delivery: Tumor Microenvironmentâ€Tailored Weakly Cellâ€Interacted Extracellular Delivery Platform Enables Precise Antibody Release and Function (Adv. Funct. Mater. 43/2019). Advanced Functional Materials, 2019, 29, 1970301.	7.8	4
22	Crispr Library Screening: Genomeâ€Wide CRISPRâ€Cas9 Screening Identifies NFâ€ºB/E2F6 Responsible for EGFRvIIIâ€Associated Temozolomide Resistance in Glioblastoma (Adv. Sci. 17/2019). Advanced Science, 2019, 6, 1970103.	5.6	0
23	A novel Granzyme B nanoparticle delivery system simulates immune cell functions for suppression of solid tumors. Theranostics, 2019, 9, 7616-7627.	4.6	35
24	Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration. Advanced Materials, 2019, 31, e1900727.	11.1	85
25	Brain Tumor Therapy: Systemic Delivery of Monoclonal Antibodies to the Central Nervous System for Brain Tumor Therapy (Adv. Mater. 19/2019). Advanced Materials, 2019, 31, 1970138.	11.1	0
26	A Bioinspired Platform for Effective Delivery of Protein Therapeutics to the Central Nervous System. Advanced Materials, 2019, 31, e1807557.	11.1	79
27	Systemic Delivery of Monoclonal Antibodies to the Central Nervous System for Brain Tumor Therapy. Advanced Materials, 2019, 31, e1805697.	11.1	84
28	Multistage Delivery Nanoparticle Facilitates Efficient CRISPR/dCas9 Activation and Tumor Growth Suppression In Vivo. Advanced Science, 2019, 6, 1801423.	5.6	128
29	Blood Exosomes Endowed with Magnetic and Targeting Properties for Cancer Therapy. ACS Nano, 2016, 10, 3323-3333.	7.3	362
30	An injectable miRNA-activated matrix for effective bone regeneration in vivo. Journal of Materials Chemistry B, 2016, 4, 6942-6954.	2.9	14
31	Synthesis of star-branched PLA-b-PMPC copolymer micelles as long blood circulation vectors to enhance tumor-targeted delivery of hydrophobic drugs inÂvivo. Materials Chemistry and Physics, 2016, 180, 184-194.	2.0	26
32	Surface Functionalization of Titanium Alloy with miR-29b Nanocapsules To Enhance Bone Regeneration. ACS Applied Materials & Interfaces, 2016, 8, 5783-5793.	4.0	32
33	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
34	Long non-coding RNA HOTAIR promotes glioblastoma cell cycle progression in an EZH2 dependent manner. Oncotarget, 2015, 6, 537-546.	0.8	207
35	ICAT inhibits glioblastoma cell proliferation by suppressing Wnt/Î²-catenin activity. Cancer Letters, 2015, 357, 404-411.	3.2	35
36	Efficient Delivery of Therapeutic miRNA Nanocapsules for Tumor Suppression. Advanced Materials, 2015, 27, 292-297.	11.1	76

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37	A hematoporphyrin-based delivery system for drug resistance reversal and tumor ablation. Biomaterials, 2014, 35, 2462-2470.	5.7	43
38	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
39	Synergistic inhibition of human glioma cell line by temozolomide and PAMAMâ€mediated miRâ€21i. Journal of Applied Polymer Science, 2013, 127, 570-576.	1.3	7
40	Hollow poly(MPC-g-PEG-b-PLA) graft copolymer microcapsule as a potential drug carrier. Journal of Microencapsulation, 2012, 29, 242-249.	1.2	5