

Bingyang Chu

List of Publications by Year in descending order

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36
papers

1,944
citations

304743

22
h-index

361022

35
g-index

36
all docs

36
docs citations

36
times ranked

3615
citing authors

#	ARTICLE	IF	CITATIONS
1	Injectable and thermo-sensitive PEG-PCL-PEG copolymer/collagen/n-HA hydrogel composite for guided bone regeneration. <i>Biomaterials</i> , 2012, 33, 4801-4809.	11.4	232
2	Oxygen-generating Hybrid Polymeric Nanoparticles with Encapsulated Doxorubicin and Chlorin e6 for Trimodal Imaging-Guided Combined Chemo-Photodynamic Therapy. <i>Theranostics</i> , 2018, 8, 1558-1574.	10.0	175
3	Biodegradable CSMA/PECA/Graphene Porous Hybrid Scaffold for Cartilage Tissue Engineering. <i>Scientific Reports</i> , 2015, 5, 9879.	3.3	133
4	Redox/pH dual-stimuli responsive camptothecin prodrug nanogels for on-demand drug delivery. <i>Journal of Controlled Release</i> , 2019, 296, 93-106.	9.9	128
5	Controlled release of cisplatin from pH-thermal dual responsive nanogels. <i>Biomaterials</i> , 2013, 34, 8726-8740.	11.4	109
6	Mesoporous Magnetic Gold Nanoclusters as Theranostic Carrier for Chemo-Photothermal Co-therapy of Breast Cancer. <i>Theranostics</i> , 2014, 4, 678-692.	10.0	103
7	In vivo biocompatibility and osteogenesis of electrospun poly(μ -caprolactone)-poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overloc	11.4	102
8	Engineering Nanoparticles for Targeted Delivery of Nucleic Acid Therapeutics in Tumor. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 12, 1-18.	4.1	100
9	ROS-Responsive Camptothecin Prodrug Nanoparticles for On-Demand Drug Release and Combination of Chemotherapy and Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2020, 30, 2005918.	14.9	99
10	The use of cationic MPEG-PCL-g-PEI micelles for co-delivery of survivin T34A gene and doxorubicin. <i>Biomaterials</i> , 2014, 35, 4536-4547.	11.4	87
11	Injectable and Thermosensitive Hydrogel and PDLLA Electrospun Nanofiber Membrane Composites for Guided Spinal Fusion. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4462-4470.	8.0	65
12	Redox-Activatable photothermal therapy and enzyme-mediated tumor starvation for synergistic cancer therapy. <i>Nano Today</i> , 2021, 39, 101174.	11.9	59
13	Label-free alpha fetoprotein immunosensor established by the facile synthesis of a palladium-graphene nanocomposite. <i>Biosensors and Bioelectronics</i> , 2014, 61, 245-250.	10.1	57
14	Chlorin e6 and CRISPR-Cas9 dual-loading system with deep penetration for a synergistic tumoral photodynamic-immunotherapy. <i>Biomaterials</i> , 2020, 255, 120194.	11.4	53
15	Uricase and Horseradish Peroxidase Hybrid CaHPO ₄ Nanoflower Integrated with Transcutaneous Patches for Treatment of Hyperuricemia. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 951-965.	1.1	46
16	Mitochondrial Surface Engineering for Multidrug Resistance Reversal. <i>Nano Letters</i> , 2019, 19, 2905-2913.	9.1	44
17	Cancer-Cell-Biomimetic Nanoparticles for Targeted Therapy of Multiple Myeloma Based on Bone Marrow Homing. <i>Advanced Materials</i> , 2022, 34, e2107883.	21.0	38
18	PEG-derivatized octacosanol as micellar carrier for paclitaxel delivery. <i>International Journal of Pharmaceutics</i> , 2016, 500, 345-359.	5.2	32

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19	Recent Progress in Functional Micellar Carriers with Intrinsic Therapeutic Activities for Anticancer Drug Delivery. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 1598-1618.	1.1	32
20	Magnetic iron oxide nanoparticles/10-hydroxy camptothecin co-loaded nanogel for enhanced photothermal-chemo therapy. <i>Applied Materials Today</i> , 2019, 14, 84-95.	4.3	30
21	Preparation and evaluation of teniposide-loaded polymeric micelles for breast cancer therapy. <i>International Journal of Pharmaceutics</i> , 2016, 513, 118-129.	5.2	26
22	Two Novel Nanoscale Preparations of Micelle and Thermosensitive Hydrogel for Docetaxel to Treat Malignant Tumor. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 357-366.	1.1	23
23	Biodegradable Self-Assembled Micelles Based on MPEG-PTMC Copolymers: An Ideal Drug Delivery System for Vincristine. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 427-436.	1.1	23
24	Multifunctional Nanostructured Materials for Multimodal Cancer Imaging and Therapy. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 175-189.	0.9	20
25	Camptothecin@HMSNs/thermosensitive hydrogel composite for applications in preventing local breast cancer recurrence. <i>Chinese Chemical Letters</i> , 2018, 29, 1819-1823.	9.0	19
26	Macrophage Membrane-Camouflaged shRNA and Doxorubicin: A pH-Dependent Release System for Melanoma Chemo-Immunotherapy. <i>Research</i> , 2022, 2022, 9768687.	5.7	18
27	Anti-Tumor Activity and Safety Evaluation of Fisetin-Loaded Methoxy Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 42 2014, 10, 580-591.	1.1	17
28	Biom mineralized polymer matrix composites for bone tissue repair: a review. <i>Science China Chemistry</i> , 2018, 61, 1553-1567.	8.2	15
29	Multifunctional Supramolecular Filament Hydrogel Boosts Anti-inflammatory Efficacy In Vitro and In Vivo. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	15
30	Advances in the Application of Injectable Thermosensitive Hydrogel Systems for Cancer Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 1427-1453.	1.1	11
31	Chemotaxis-based self-accumulation of surface-engineered mitochondria for cancer therapeutic improvement. <i>Nano Today</i> , 2020, 35, 100966.	11.9	10
32	Pathogenesis and treatment of multiple myeloma. <i>MedComm</i> , 2022, 3, .	7.2	8
33	Mineralization of Electrospun PEG/PDLLA Scaffolds. <i>Nanoscience and Nanotechnology Letters</i> , 2017, 9, 1781-1785.	0.4	7
34	Preparation, Characterization and <i>In Vivo</i> Antitumor Evaluation of a Micellar Formulation of Camptothecin Prodrug. <i>Nanoscience and Nanotechnology Letters</i> , 2017, 9, 1755-1766.	0.4	6
35	Recent Progress of Doxorubicin Nanomedicine in Hematologic Malignancies. <i>Nanoscience and Nanotechnology Letters</i> , 2017, 9, 1861-1874.	0.4	2
36	Preparation of Polystyrene Microspheres/PEG-PCL-PEG Hydrogel Composite for Soft Tissue Augmentation. <i>Science of Advanced Materials</i> , 2014, 6, 1820-1827.	0.7	0