

Chun-Yang Sun

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

3,684
citations

201674

27
h-index

265206

42
g-index

43
all docs

43
docs citations

43
times ranked

6072
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vitro and In Vivo Near-Infrared Photothermal Therapy of Cancer Using Polypyrrole Organic Nanoparticles. <i>Advanced Materials</i> , 2012, 24, 5586-5592.	21.0	684
2	Stimuli-responsive clustered nanoparticles for improved tumor penetration and therapeutic efficacy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4164-4169.	7.1	617
3	Tumor Acidity-Sensitive Polymeric Vector for Active Targeted siRNA Delivery. <i>Journal of the American Chemical Society</i> , 2015, 137, 15217-15224.	13.7	312
4	Biocompatible Conjugated Polymer Nanoparticles for Efficient Photothermal Tumor Therapy. <i>Small</i> , 2015, 11, 1603-1610.	10.0	168
5	Cancer stem cell therapy using doxorubicin conjugated to gold nanoparticles via hydrazone bonds. <i>Biomaterials</i> , 2014, 35, 836-845.	11.4	150
6	ROS-sensitive thioketal-linked polyphosphoester-doxorubicin conjugate for precise phototriggered locoregional chemotherapy. <i>Biomaterials</i> , 2019, 188, 74-82.	11.4	148
7	Facile Generation of Tumor-pH-Labile Linkage-Bridged Block Copolymers for Chemotherapeutic Delivery. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1010-1014.	13.8	133
8	Matrix metalloproteinase 2-responsive micelle for siRNA delivery. <i>Biomaterials</i> , 2014, 35, 7622-7634.	11.4	102
9	ROS-Sensitive Polymeric Nanocarriers with Red Light-Activated Size Shrinkage for Remotely Controlled Drug Release. <i>Chemistry of Materials</i> , 2018, 30, 517-525.	6.7	100
10	Tumor acidity-sensitive linkage-bridged block copolymer for therapeutic siRNA delivery. <i>Biomaterials</i> , 2016, 88, 48-59.	11.4	98
11	Photoinduced PEG deshielding from ROS-sensitive linkage-bridged block copolymer-based nanocarriers for on-demand drug delivery. <i>Biomaterials</i> , 2018, 170, 147-155.	11.4	93
12	Regulating the surface poly(ethylene glycol) density of polymeric nanoparticles and evaluating its role in drug delivery in vivo. <i>Biomaterials</i> , 2015, 69, 1-11.	11.4	88
13	Cascade-amplifying synergistic effects of chemo-photodynamic therapy using ROS-responsive polymeric nanocarriers. <i>Theranostics</i> , 2018, 8, 2939-2953.	10.0	87
14	NIR-Activated Supersensitive Drug Release Using Nanoparticles with a Flow Core. <i>Advanced Functional Materials</i> , 2016, 26, 7516-7525.	14.9	72
15	Galactose Targeted pH-Responsive Copolymer Conjugated with Near Infrared Fluorescence Probe for Imaging of Intelligent Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 2104-2115.	8.0	70
16	Doxorubicin Conjugate of Poly(Ethylene Glycol)-Block-Polyphosphoester for Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2014, 3, 261-272.	7.6	64
17	Ultrathin carbon layer coated MoO ₂ nanoparticles for high-performance near-infrared photothermal cancer therapy. <i>Chemical Communications</i> , 2015, 51, 10054-10057.	4.1	51
18	Stable metallic 1T-WS ₂ ultrathin nanosheets as a promising agent for near-infrared photothermal ablation cancer therapy. <i>Nano Research</i> , 2015, 8, 3982-3991.	10.4	50

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19	Redox-Responsive Polyphosphoester-Based Micellar Nanomedicines for Overriding Chemoresistance in Breast Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26315-26325.	8.0	48
20	Overcoming tumor resistance to cisplatin by cationic lipid-assisted prodrug nanoparticles. <i>Biomaterials</i> , 2016, 94, 9-19.	11.4	47
21	Enhancement of lipopolysaccharide-induced nitric oxide and interleukin-6 production by PEGylated gold nanoparticles in RAW264.7 cells. <i>Nanoscale</i> , 2012, 4, 7135.	5.6	46
22	Effect of Hydrophobicity of Core on the Anticancer Efficiency of Micelles as Drug Delivery Carriers. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 22709-22718.	8.0	44
23	Co-delivery of platinum drug and siNotch1 with micelleplex for enhanced hepatocellular carcinoma therapy. <i>Biomaterials</i> , 2015, 70, 71-83.	11.4	43
24	Three-Dimensional Nanofiber Hybrid Scaffold Directs and Enhances Axonal Regeneration after Spinal Cord Injury. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1319-1329.	5.2	40
25	ScFv-Decorated PEG-PLA-Based Nanoparticles for Enhanced siRNA Delivery to Her2 ⁺ Breast Cancer. <i>Advanced Healthcare Materials</i> , 2014, 3, 1792-1803.	7.6	35
26	Facile Generation of Tumor-pH-Labile Linkage-Bridged Block Copolymers for Chemotherapeutic Delivery. <i>Angewandte Chemie</i> , 2016, 128, 1022-1026.	2.0	35
27	Polymeric-Micelle-Based Nanomedicine for siRNA Delivery. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 211-228.	2.3	34
28	Achieving a New Controllable Male Contraception by the Photothermal Effect of Gold Nanorods. <i>Nano Letters</i> , 2013, 13, 2477-2484.	9.1	31
29	A block copolymer of zwitterionic polyphosphoester and polylactic acid for drug delivery. <i>Biomaterials Science</i> , 2015, 3, 1105-1113.	5.4	29
30	Light-activated drug release from a hyaluronic acid targeted nanoconjugate for cancer therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4843-4853.	5.8	26
31	A micellar cisplatin prodrug simultaneously eliminates both cancer cells and cancer stem cells in lung cancer. <i>Biomaterials Science</i> , 2017, 5, 1612-1621.	5.4	24
32	Ditelluride-Bridged PEG-PCL Copolymer as Folic Acid-Targeted and Redox-Responsive Nanoparticles for Enhanced Cancer Therapy. <i>Frontiers in Chemistry</i> , 2020, 8, 156.	3.6	21
33	Shell-detachable nanoparticles based on a light-responsive amphiphile for enhanced siRNA delivery. <i>RSC Advances</i> , 2014, 4, 1961-1964.	3.6	20
34	Rational design of ROS-responsive nanocarriers for targeted X-ray-induced photodynamic therapy and cascaded chemotherapy of intracranial glioblastoma. <i>Nanoscale</i> , 2022, 14, 5054-5067.	5.6	11
35	Delivery of Mitogen-Activated Protein Kinase Inhibitor for Hepatocellular Carcinoma Stem Cell Therapy. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 1012-1020.	8.0	9
36	Polyphosphoester-Based Nanocarrier for Combined Radio-Photothermal Therapy of Breast Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1868-1877.	5.2	9

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37	Tumor pH-triggered "charge conversion" nanocarriers with on-demand drug release for precise cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9351-9361.	5.8	9
38	Highly-controllable drug release from core cross-linked singlet oxygen-responsive nanoparticles for cancer therapy. <i>RSC Advances</i> , 2020, 10, 19997-20008.	3.6	8
39	Tumor acidity/redox hierarchical-activable nanoparticles for precise combination of X-ray-induced photodynamic therapy and hypoxia-activated chemotherapy. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3849-3860.	5.8	8
40	Regulation of hydrophobicity of polyphosphoester based drug delivery system for enhanced cancer therapy. <i>Journal of Controlled Release</i> , 2015, 213, e23.	9.9	1
41	Galactose and near infrared fluorescence probe conjugated pH-responsive copolymer for imaging of drug delivery. <i>Journal of Controlled Release</i> , 2015, 213, e72-e73.	9.9	1
42	Tumor pH-Responsive Nanocarriers With Light-Activatable Drug Release for Chemo-Photodynamic Therapy of Breast Cancer. <i>Frontiers in Chemistry</i> , 0, 10, .	3.6	1