Xiangdong Xue

List of Publications by Year
in descending order

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		172457	182427
51	3,482	29	51
papers	citations	h-index	g-index

51	51	51	5955
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrasmall Gold Nanoparticles as Carriers for Nucleus-Based Gene Therapy Due to Size-Dependent Nuclear Entry. ACS Nano, 2014, 8, 5852-5862.	14.6	347
2	Self-Assembled Peptide Nanofibers Designed as Biological Enzymes for Catalyzing Ester Hydrolysis. ACS Nano, 2014, 8, 11715-11723.	14.6	190
3	Spatiotemporal Drug Release Visualized through a Drug Delivery System with Tunable Aggregationâ€Induced Emission. Advanced Materials, 2014, 26, 712-717.	21.0	188
4	Functionalized Nanoscale Micelles Improve Drug Delivery for Cancer Therapy in Vitro and in Vivo. Nano Letters, 2013, 13, 2528-2534.	9.1	178
5	Active targeting theranostic iron oxide nanoparticles for MRI and magnetic resonance-guided focused ultrasound ablation of lung cancer. Biomaterials, 2017, 127, 25-35.	11.4	169
6	InÂvivo tumor-targeted dual-modal fluorescence/CT imaging using a nanoprobe co-loaded with an aggregation-induced emission dye and gold nanoparticles. Biomaterials, 2015, 42, 103-111.	11.4	157
7	A Photosensitizer-Loaded DNA Origami Nanosystem for Photodynamic Therapy. ACS Nano, 2016, 10, 3486-3495.	14.6	156
8	Trojan Horse nanotheranostics with dual transformability and multifunctionality for highly effective cancer treatment. Nature Communications, 2018, 9, 3653.	12.8	153
9	Imaging Intracellular Anticancer Drug Delivery by Self-Assembly Micelles with Aggregation-Induced Emission (AIE Micelles). ACS Applied Materials & Interfaces, 2014, 6, 5212-5220.	8.0	150
10	Neuropilin-1-Targeted Gold Nanoparticles Enhance Therapeutic Efficacy of Platinum(IV) Drug for Prostate Cancer Treatment. ACS Nano, 2014, 8, 4205-4220.	14.6	146
11	Innovative pharmaceutical development based on unique properties of nanoscale delivery formulation. Nanoscale, 2013, 5, 8307.	5.6	115
12	Porphyrin-Based Nanomedicines for Cancer Treatment. Bioconjugate Chemistry, 2019, 30, 1585-1603.	3.6	115
13	Nanodrug Formed by Coassembly of Dual Anticancer Drugs to Inhibit Cancer Cell Drug Resistance. ACS Applied Materials & Interfaces, 2015, 7, 19295-19305.	8.0	114
14	Cell Membrane Tracker Based on Restriction of Intramolecular Rotation. ACS Applied Materials & Interfaces, 2014, 6, 8971-8975.	8.0	100
15	Probe-Inspired Nano-Prodrug with Dual-Color Fluorogenic Property Reveals Spatiotemporal Drug Release in Living Cells. ACS Nano, 2015, 9, 2729-2739.	14.6	90
16	Seedless synthesis of high aspect ratio gold nanorods with high yield. Journal of Materials Chemistry A, 2014, 2, 3528.	10.3	81
17	Two-way magnetic resonance tuning and enhanced subtraction imaging for non-invasive and quantitative biological imaging. Nature Nanotechnology, 2020, 15, 482-490.	31.5	78
18	Stimuliâ€responsive crosslinked nanomedicine for cancer treatment. Exploration, 2022, 2, .	11.0	74

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19	Overcoming resistance to cisplatin by inhibition of glutathione S-transferases (GSTs) with ethacraplatin micelles inÂvitro and inÂvivo. Biomaterials, 2017, 144, 119-129.	11.4	73
20	Synergistically Enhanced Therapeutic Effect of a Carrier-Free HCPT/DOX Nanodrug on Breast Cancer Cells through Improved Cellular Drug Accumulation. Molecular Pharmaceutics, 2015, 12, 2237-2244.	4.6	72
21	Salt-Responsive Self-Assembly of Luminescent Hydrogel with Intrinsic Gelation-Enhanced Emission. ACS Applied Materials & Interfaces, 2014, 6, 757-762.	8.0	71
22	A smart pH-switchable luminescent hydrogel. Chemical Communications, 2015, 51, 4168-4171.	4.1	65
23	Zinc Oxide Nanoparticles as Adjuvant To Facilitate Doxorubicin Intracellular Accumulation and Visualize pH-Responsive Release for Overcoming Drug Resistance. Molecular Pharmaceutics, 2016, 13, 1723-1730.	4.6	61
24	Tunable self-assembly of Irinotecan-fatty acid prodrugs with increased cytotoxicity to cancer cells. Journal of Materials Chemistry B, 2016, 4, 3286-3291.	5.8	46
25	Relative quantitation of glycans using stable isotopic labels 1-(d0/d5) phenyl-3-methyl-5-pyrazolone by mass spectrometry. Analytical Biochemistry, 2011, 418, 1-9.	2.4	41
26	Virus-Inspired Self-Assembled Nanofibers with Aggregation-Induced Emission for Highly Efficient and Visible Gene Delivery. ACS Applied Materials & Interfaces, 2017, 9, 4425-4432.	8.0	41
27	Sequential Targeting in Crosslinking Nanotheranostics for Tackling the Multibarriers of Brain Tumors. Advanced Materials, 2020, 32, e1903759.	21.0	39
28	Sub-100 nm, long tumor retention SN-38-loaded photonic micelles for tri-modal cancer therapy. Journal of Controlled Release, 2017, 261, 297-306.	9.9	37
29	Novel Redoxâ€Responsive Polymeric Magnetosomes with Tunable Magnetic Resonance Property for In Vivo Drug Release Visualization and Dualâ€Modal Cancer Therapy. Advanced Functional Materials, 2018, 28, 1802159.	14.9	35
30	Self-indicating, fully active pharmaceutical ingredients nanoparticles (FAPIN) for multimodal imaging guided trimodality cancer therapy. Biomaterials, 2018, 161, 203-215.	11.4	33
31	Rotatable Aggregationâ€Inducedâ€Emission/Aggregationâ€Causedâ€Quenching Ratio Strategy for Realâ€Time Tracking Nanoparticle Dynamics. Advanced Functional Materials, 2020, 30, 1910348.	14.9	28
32	Throughâ€Bond Energy Transfer Cassette with Dualâ€Stokes Shifts for â€œDouble Checkedâ€•Cell Imaging. Advanced Science, 2017, 4, 1700229.	11.2	26
33	Bloodâ€“brain barrier penetrating liposomes with synergistic chemotherapy for glioblastoma treatment. Biomaterials Science, 2022, 10, 423-434.	5.4	23
34	A nephrotoxicity-free, iron-based contrast agent for magnetic resonance imaging of tumors. Biomaterials, 2020, 257, 120234.	11.4	21
35	A facile approach to fabricate self-assembled magnetic nanotheranostics for drug delivery and imaging. Nanoscale, 2018, 10, 21634-21639.	5.6	20
36	Human Elongation Factor 4 Regulates Cancer Bioenergetics by Acting as a Mitochondrial Translation Switch. Cancer Research, 2018, 78, 2813-2824.	0.9	16

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37	A self-assembled DNA nanostructure for targeted and pH-triggered drug delivery to combat doxorubicin resistance. Journal of Materials Chemistry B, 2016, 4, 3854-3858.	5.8	14
38	Recent advances on smallâ€molecule nanomedicines for cancer treatment. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2020, 12, e1607.	6.1	14
39	Subcellular behaviour evaluation of nanopharmaceuticals with aggregation-induced emission molecules. Journal of Materials Chemistry C, 2016, 4, 2719-2730.	5.5	12
40	A polymer-free, biomimicry drug self-delivery system fabricatedviaa synergistic combination of bottom-up and top-down approaches. Journal of Materials Chemistry B, 2018, 6, 7842-7853.	5.8	12
41	Nanotechnology-based combinatorial phototherapy for enhanced cancer treatment. RSC Advances, 2022, 12, 9725-9737.	3.6	12
42	Excipient-free porphyrin/SN-38 based nanotheranostics for drug delivery and cell imaging. Nano Research, 2020, 13, 503-510.	10.4	11
43	Iron-crosslinked Rososome with robust stability and high drug loading for synergistic cancer therapy. Journal of Controlled Release, 2021, 329, 794-804.	9.9	10
44	Selfâ€Assembled Nanoparticleâ€Mediated Chemophototherapy Reverses the Drug Resistance of Bladder Cancers through Dual AKT/ERK Inhibition. Advanced Therapeutics, 2020, 3, 2000032.	3.2	10
45	A fluorescent probe with restricted intramolecular rotation-induced emission for label-free detection of mercury ions. Analyst, The, 2014, 139, 3369.	3.5	9
46	Phenylboronic acid-functionalized magnetic nanoparticles for one-step saccharides enrichment and mass spectrometry analysis. Biophysics Reports, 2015, 1, 61-70.	0.8	9
47	Micelle-like luminescent nanoparticles as a visible gene delivery system with reduced toxicity. Journal of Materials Chemistry B, 2015, 3, 8394-8400.	5.8	8
48	Novel Nanococktail of a Dual PI3K/mTOR Inhibitor and Cabazitaxel for Castrationâ€Resistant Prostate Cancer. Advanced Therapeutics, 2020, 3, 2000075.	3.2	5
49	High Throughput Detection of Human Neutrophil Peptides from Serum, Saliva, and Tear by Anthrax Lethal Factor-Modified Nanoparticles. ACS Applied Materials & Interfaces, 2013, 5, 8267-8272.	8.0	4
50	Contrast Enhancement Method of Transmission Electron Microscopy in Visualization of Polymeric Micelles by Fluoride Addition and Staining. Journal of Biomedical Nanotechnology, 2017, 13, 534-543.	1.1	2
51	A Novel Method for Relative Quantitation ofN-Glycans via Acetone Stable Isotopic Labeling and ESI-MS Analysis. Acta Chimica Sinica, 2014, 72, 220.	1.4	1