

Xianghui Zeng

List of Publications by Year in descending order

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44
papers

1,802
citations

236833

25
h-index

289141

40
g-index

46
all docs

46
docs citations

46
times ranked

3118
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Origami Delivery System for Cancer Therapy with Tunable Release Properties. <i>ACS Nano</i> , 2012, 6, 8684-8691.	7.3	470
2	Nanoparticle-directed sub-cellular localization of doxorubicin and the sensitization breast cancer cells by circumventing GST-Mediated drug resistance. <i>Biomaterials</i> , 2014, 35, 1227-1239.	5.7	123
3	A Study of the Neuroprotective Effect of the Phenolic Glucoside Gastrodin during Cerebral Ischemia in vivo and in vitro. <i>Planta Medica</i> , 2006, 72, 1359-1365.	0.7	99
4	Endocytic Uptake and Intracellular Trafficking of Bis-MPA-Based Hyperbranched Copolymer Micelles in Breast Cancer Cells. <i>Biomacromolecules</i> , 2012, 13, 3814-3822.	2.6	74
5	Oxidative Carbon-Carbon Bond Formation in the Synthesis of Bioactive Spiro β -Lactams. <i>Organic Letters</i> , 2009, 11, 2820-2823.	2.4	71
6	pH-triggered self-assembly of biocompatible histamine-functionalized triblock copolymers. <i>Soft Matter</i> , 2013, 9, 82-89.	1.2	55
7	Biological evaluation of polyhalo 1,3-diazaheterocycle fused isoquinolin-1(2H)-imine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1172-1180.	2.6	53
8	Engineering of small interfering RNA-loaded lipidoid-poly(DL-lactic-co-glycolic acid) hybrid nanoparticles for highly efficient and safe gene silencing: A quality by design-based approach. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 120, 22-33.	2.0	53
9	Stimulatory Effect of Puerarin on Bone Formation through Activation of PI3K/Akt Pathway in Rat Calvaria Osteoblasts. <i>Planta Medica</i> , 2007, 73, 341-347.	0.7	52
10	Hyperbranched copolymer micelles as delivery vehicles of doxorubicin in breast cancer cells. <i>Journal of Polymer Science Part A</i> , 2012, 50, 280-288.	2.5	50
11	Potent aromatase inhibitors and molecular mechanism of inhibitory action. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 426-437.	2.6	49
12	Lipidoid-polymer hybrid nanoparticles loaded with TNF siRNA suppress inflammation after intra-articular administration in a murine experimental arthritis model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 38-48.	2.0	46
13	Inhalable siRNA-loaded nano-embedded microparticles engineered using microfluidics and spray drying. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 120, 9-21.	2.0	40
14	A Microdialysis Study of Effects of Gastrodin on Neurochemical Changes in the Ischemic/Reperfused Rat Cerebral Hippocampus. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 801-804.	0.6	38
15	Synthesis and cytotoxic activities of novel phenacylimidazolium bromides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1892-1895.	1.0	38
16	Synthesis and cytotoxic activities of novel hybrid compounds of imidazole scaffold-based 2-substituted benzofurans. <i>RSC Advances</i> , 2012, 2, 4612.	1.7	37
17	Synthesis of gibberellin derivatives with anti-tumor bioactivities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5496-5499.	1.0	36
18	Solvent-free, microwave assisted synthesis of polyhalo heterocyclic ketene amins as novel anti-cancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 48-51.	1.0	36

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19	Synthesis and antitumor activity of 1-mesityl-3-(2-naphthoylethyl)-1H-imidazolium bromide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1844-1847.	1.0	35
20	Silica Gel-Mediated Amide Bond Formation: An Environmentally Benign Method for Liquid-Phase Synthesis and Cytotoxic Activities of Amides. <i>ACS Combinatorial Science</i> , 2010, 12, 307-310.	3.3	33
21	Four new phenanthrenes from <i>Monomeria barbata</i> Lindl. <i>Fä-toterapÄ-Äç</i> , 2010, 81, 992-997.	1.1	29
22	Linear dendritic polymeric amphiphiles as carriers of doxorubicin: <i>In vitro</i> evaluation of biocompatibility and drug delivery. <i>Journal of Polymer Science Part A</i> , 2012, 50, 217-226.	2.5	29
23	Folate receptor-targeted mixed polysialic acid micelles for combating rheumatoid arthritis: <i>in vitro</i> and <i>in vivo</i> evaluation. <i>Drug Delivery</i> , 2018, 25, 1182-1191.	2.5	28
24	Immunogenicity Testing of Lipidoids <i>In Vitro</i> and <i>In Silico</i> : Modulating Lipidoid-Mediated TLR4 Activation by Nanoparticle Design. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 11, 159-169.	2.3	27
25	Neurochemical effects of exercise and neuromuscular electrical stimulation on brain after stroke: A microdialysis study using rat model. <i>Neuroscience Letters</i> , 2006, 397, 135-139.	1.0	26
26	Complexity in the therapeutic delivery of RNAi medicines: an analytical challenge. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 1481-1495.	2.4	22
27	Antitumor and antiangiogenic effects of GA-13315, a gibberellin derivative. <i>Investigational New Drugs</i> , 2012, 30, 8-16.	1.2	19
28	Preparation, Characterization, and <i>In Vitro</i> Evaluation of Lipidoid-Polymer Hybrid Nanoparticles for siRNA Delivery to the Cytosol. <i>Methods in Molecular Biology</i> , 2019, 1943, 141-152.	0.4	18
29	Side-by-side comparison of dendritic-linear hybrids and their hyperbranched analogs as micellar carriers of chemotherapeutics. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3992-3996.	2.5	17
30	Three new phenanthrenes from <i>Monomeria barbata</i> Lindl.. <i>Chinese Chemical Letters</i> , 2010, 21, 325-328.	4.8	16
31	Surface coating of siRNA-peptidomimetic nano-self-assemblies with anionic lipid bilayers: enhanced gene silencing and reduced adverse effects <i>in vitro</i> . <i>Nanoscale</i> , 2015, 7, 19687-19698.	2.8	16
32	B-Type Natriuretic Peptide Enhances Mild Hypoxia-Induced Apoptotic Cell Death in Cardiomyocytes. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1084-1090.	0.6	13
33	Polyphosphazenes containing lactic acid ester and methoxyethoxyethoxy side groups: Thermosensitive properties and, <i>in vitro</i> degradation, and biocompatibility. <i>Canadian Journal of Chemistry</i> , 2011, 89, 1249-1256.	0.6	11
34	Synthesis and evaluation of the antitumor activity of polyhalo acridone derivatives. <i>RSC Advances</i> , 2015, 5, 17444-17450.	1.7	11
35	Design and Synthesis of Brazilin-Like Compounds. <i>Synlett</i> , 2011, 2011, 425-429.	1.0	10
36	Purification, characterization and cytotoxicity of malanin, a novel plant toxin from the seeds of <i>Malania oleifera</i> . <i>Toxicon</i> , 2009, 54, 121-127.	0.8	9

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37	DNA/RNA-based formulations for treatment of breast cancer. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 1379-1393.	2.4	7
38	A novel aryltetralone lignan from <i>Litsea pedunculata</i> . <i>Journal of Asian Natural Products Research</i> , 2009, 11, 1028-1031.	0.7	3
39	Synthesis and Anticancer Activities of C-13 Etheral Gibberellin Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2014, 34, 788.	0.6	2
40	Research Highlights: Highlights from the latest articles in nanomedicine. <i>Nanomedicine</i> , 2012, 7, 1799-1800.	1.7	1
41	Application of Microdialysis Technique in the Traditional Chinese Medicine. , 2005, 2005, 7726-9.		0
42	Enhanced localization of magnetic nanoparticles with implantable magnets. <i>Nanomedicine</i> , 2012, 7, 1800.	1.7	0
43	Sustained ocular drug delivery utilizing dendrimer-based hydrogels. <i>Nanomedicine</i> , 2012, 7, 1800.	1.7	0
44	L-type Ca ²⁺ channel blocker attenuates impairment induced by acidosis in hippocampal neurons. <i>Die Pharmazie</i> , 2013, 68, 889-92.	0.3	0