

Zheng Huang

List of Publications by Year in descending order

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27
papers

381
citations

759233

12
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839539

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27
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Zn-dipicolylamine-based reactive oxygen species-responsive lipids for siRNA delivery and in vivo colitis treatment. <i>Acta Biomaterialia</i> , 2022, 147, 287-298.	8.3	11
2	Novel prodrug supramolecular nanoparticles capable of rapid mitochondrial-targeting and ROS-responsiveness for pancreatic cancer therapy. <i>New Journal of Chemistry</i> , 2022, 46, 12632-12640.	2.8	3
3	Liposomes Derived from Macrocyclic Polyamine as a Versatile Macromolecule Delivery System. <i>ACS Applied Bio Materials</i> , 2021, 4, 844-852.	4.6	5
4	Smart Design of Mitochondria-Targeted and ROS-Responsive CPI-613 Delivery Nanoplatform for Bioenergetic Pancreatic Cancer Therapy. <i>Nanomaterials</i> , 2021, 11, 2875.	4.1	12
5	Fluorinated polymer emulsion systems: Construction and application in delivering genes and proteins. <i>European Journal of Medicinal Chemistry</i> , 2020, 207, 112799.	5.5	6
6	Strategy Used to Control the Mechanism of Homogeneous Alkyne/Olefin Hydrogenation: AIMD Simulations and DFT Calculations. <i>Journal of Organic Chemistry</i> , 2020, 85, 11626-11634.	3.2	5
7	Phosphine ligand-coated Cu nanoparticle-catalyzed selective semihydrogenation of alkynes: electronic or hindrance effects of the ligand?. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 16905-16913.	2.8	0
8	Bioinspired pyrimidine-containing cationic polymers as effective nanocarriers for DNA and protein delivery. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2275-2285.	5.8	7
9	CPI-613 rewires lipid metabolism to enhance pancreatic cancer apoptosis via the AMPK-ACC signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 73.	8.6	66
10	Microwave-assisted efficient and facile synthesis of tetramic acid derivatives via a one-pot post-Ugi cascade reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 663-669.	2.2	3
11	Zinc(ii)-cyclen coordinative amphiphiles for enhanced gene delivery. <i>RSC Advances</i> , 2020, 10, 39842-39853.	3.6	1
12	Zn(ⁱⁱ)-cyclen complex-based liposomes for gene delivery: the advantage of Zn coordination. <i>New Journal of Chemistry</i> , 2019, 43, 16138-16147.	2.8	6
13	Zn(ⁱⁱ) coordination to cyclen-based polycations for enhanced gene delivery. <i>Journal of Materials Chemistry B</i> , 2019, 7, 451-459.	5.8	17
14	Crystal structure 1-cinnamyl-2-((Z)-styryl)-1H-benzodimidazole in methanol (1/1), C ₂₄ H ₂₀ N ₂ · 2CH ₄ O. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 234, 683-684.	0.3	1
15	Low molecular weight PEI-based fluorinated polymers for efficient gene delivery. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 602-611.	5.5	22
16	Conversion mechanism of conductivity and properties of nitrogen implanted ZnO single crystals induced by post-annealing. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4555-4561.	2.2	10
17	Synthesis and Properties of Low-Molecular-Weight PEI-Based Lipopolymers for Delivery of DNA. <i>Polymers</i> , 2018, 10, 1060.	4.5	10
18	Functionalized Asymmetric Bola-Type Amphiphiles for Efficient Gene and Drug Delivery. <i>Nanomaterials</i> , 2018, 8, 115.	4.1	16

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19	Amphiphilic polymers formed from ring-opening polymerization: a strategy for the enhancement of gene delivery. <i>Biomaterials Science</i> , 2017, 5, 718-729.	5.4	14
20	Rigid aromatic linking moiety in cationic lipids for enhanced gene transfection efficiency. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 585-595.	5.5	14
21	Cross-linked polymers with fluorinated bridges for efficient gene delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8542-8553.	5.8	25
22	Self-assembled core-shell-corona multifunctional non-viral vector with AIE property for efficient hepatocyte-targeting gene delivery. <i>Polymer Chemistry</i> , 2017, 8, 7486-7498.	3.9	30
23	Low Molecular Weight Oligomers with Aromatic Backbone as Efficient Nonviral Gene Vectors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 10743-10751.	8.0	28
24	Structure-activity relationship studies of symmetrical cationic bolosomes as non-viral gene vectors. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5575-5584.	5.8	19
25	Bio-reducible polycations from ring-opening polymerization as potential gene delivery vehicles. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6470-6478.	2.8	8
26	Cyclen-based cationic lipids containing a pH-sensitive moiety as gene delivery vectors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 620-630.	2.8	27
27	Cationic gemini lipids with cyclen headgroups: interaction with DNA and gene delivery abilities. <i>RSC Advances</i> , 2014, 4, 44261-44268.	3.6	15