Hongwei Zhang

List of Publications by Year
in descending order

28	1,817	430874 18	501196 28
papers	citations	h-index	g-index

28	28	28	2936
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thin-Film Hydration Followed by Extrusion Method for Liposome Preparation. Methods in Molecular Biology, 2017, 1522, 17-22.	0.9	291
2	Several rAAV Vectors Efficiently Cross the Bloodâ€“brain Barrier and Transduce Neurons and Astrocytes in the Neonatal Mouse Central Nervous System. Molecular Therapy, 2011, 19, 1440-1448.	8.2	252
3	Long-term, efficient inhibition of microRNA function in mice using rAAV vectors. Nature Methods, 2012, 9, 403-409.	19.0	188
4	Global CNS Transduction of Adult Mice by Intravenously Delivered rAAVrh.8 and rAAVrh.10 and Nonhuman Primates by rAAVrh.10. Molecular Therapy, 2014, 22, 1299-1309.	8.2	179
5	MicroRNA-regulated, Systemically Delivered rAAV9: A Step Closer to CNS-restricted Transgene Expression. Molecular Therapy, 2011, 19, 526-535.	8.2	143
6	InÂvivo delivery of CRISPR-Cas9 therapeutics: Progress and challenges. Acta Pharmaceutica Sinica B, 2021, 11, 2150-2171.	12.0	97
7	MicroRNA-21: a therapeutic target for reversing drug resistance in cancer. Expert Opinion on Therapeutic Targets, 2013, 17, 1073-1080.	3.4	87
8	ROS-mediated activation and mitochondrial translocation of CaMKII contributes to Drp1-dependent mitochondrial fission and apoptosis in triple-negative breast cancer cells by isorhamnetin and chloroquine. Journal of Experimental and Clinical Cancer Research, 2019, 38, 225.	8.6	83
9	A Single Intravenous rAAV Injection as Late as P20 Achieves Efficacious and Sustained CNS Gene Therapy in Canavan Mice. Molecular Therapy, 2013, 21, 2136-2147.	8.2	77
10	Short biodegradable polyamines for gene delivery and transfection of brain capillary endothelial cells. Journal of Controlled Release, 2010, 143, 359-366.	9.9	52
11	A novel autophagy inhibitor berbamine blocks SNARE-mediated autophagosome-lysosome fusion through upregulation of BNIP3. Cell Death and Disease, 2018, 9, 243.	6.3	50
12	Antifungal nortriterpene and triterpene glycosides from the sea cucumber Apostichopus japonicus Selenka. Food Chemistry, 2012, 132, 295-300.	8.2	49
13	Adenovirusâ€“Adeno-Associated Virus Hybrid for Large-Scale Recombinant Adeno-Associated Virus Production. Human Gene Therapy, 2009, 20, 922-929.	2.7	43
14	ROCK1 activation-mediated mitochondrial translocation of Drp1 and cofilin are required for arnidiol-induced mitochondrial fission and apoptosis. Journal of Experimental and Clinical Cancer Research, 2020, 39, 37.	8.6	33
15	Efficient Transfection of Bloodâ^'Brain Barrier Endothelial Cells by Lipoplexes and Polyplexes in the Presence of Nuclear Targeting NLS-PEG-Acridine Conjugates. Bioconjugate Chemistry, 2009, 20, 120-128.	3.6	31
16	Multifunctional Peptide-PEG Intercalating Conjugates: Programmatic of Gene Delivery to the Blood-Brain Barrier. Pharmaceutical Research, 2010, 27, 2528-2543.	3.5	26
17	Cytosolic delivery of the immunological adjuvant Poly I:C and cytotoxic drug crystals via a carrier-free strategy significantly amplifies immune response. Acta Pharmaceutica Sinica B, 2021, 11, 3272-3285.	12.0	26
18	Dephosphorylation and mitochondrial translocation of cofilin sensitizes human leukemia cells to cerulenin-induced apoptosis via the ROCK1/Akt/JNK signaling pathway. Oncotarget, 2016, 7, 20655-20668.	1.8	22

#	Article	IF	Citations
19	Enzymatic Noncovalent Synthesis for Mitochondrial Genetic Engineering of Cancer Cells. Cell Reports Physical Science, 2020, 1, 100270.	5.6	15
20	Successful transfection of hepatoma cells after encapsulation of plasmid DNA into negatively charged liposomes. Biotechnology and Bioengineering, 2007, 96, 118-124.	3.3	13
21	Progress in systemic co-delivery of microRNAs and chemotherapeutics for cancer treatment by using lipid-based nanoparticles. Therapeutic Delivery, 2020, 11, 591-603.	2.2	13
22	The cyclohexene derivative MC-3129 exhibits antileukemic activity via RhoA/ROCK1/PTEN/PI3K/Akt pathway-mediated mitochondrial translocation of cofilin. Cell Death and Disease, 2018, 9, 656.	6.3	10
23	Glutathione disulfide liposomesÂâ€“ A research tool for the study of glutathione disulfide associated functions and dysfunctions. Biochemistry and Biophysics Reports, 2016, 7, 225-229.	1.3	9
24	Transfection efficiency of pORF lacZ plasmid lipopolyplex to hepatocytes and hepatoma cells. World Journal of Gastroenterology, 2004, 10, 531.	3.3	8
25	Characteristics comparison before and after lyophilization of transferrin modified procationic-liposome- protamine- DNA complexes (Tf- PLPD). Archives of Pharmacal Research, 2007, 30, 102-108.	6.3	7
26	Ars2 promotes cell proliferation and tumorigenicity in glioblastoma through regulating miR-6798-3p. Scientific Reports, 2018, 8, 15602.	3.3	6
27	Eradicating the Roots: Advanced Therapeutic Approaches Targeting Breast Cancer Stem Cells. Current Pharmaceutical Design, 2020, 26, 2009-2021.	1.9	4
28	INTERCALATING CONJUGATES OF PEG WITH NUCLEAR LOCALIZATION SIGNAL (NLS) PEPTIDE. Papers presented at the ... meeting., 2008, 49, 434-435.	0.5	3