

Zhongjian Chen

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,263
citations

186265

28
h-index

223800

46
g-index

52
all docs

52
docs citations

52
times ranked

2482
citing authors

#	ARTICLE	IF	CITATIONS
1	Adapting liposomes for oral drug delivery. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 36-48.	12.0	384
2	Oral delivery of proteins and peptides: Challenges, status quo and future perspectives. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2416-2448.	12.0	121
3	Pulmonary delivery of siRNA against acute lung injury/acute respiratory distress syndrome. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 600-620.	12.0	106
4	Pyridinium substituted BODIPY as NIR fluorescent probe for simultaneous sensing of hydrogen sulphide/glutathione and cysteine/homocysteine. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 1076-1082.	7.8	98
5	Size-dependent penetration of nanoemulsions into epidermis and hair follicles: implications for transdermal delivery and immunization. <i>Oncotarget</i> , 2017, 8, 38214-38226.	1.8	94
6	Biological drug and drug delivery-mediated immunotherapy. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 941-960.	12.0	94
7	Ionic liquids: green and tailor-made solvents in drug delivery. <i>Drug Discovery Today</i> , 2020, 25, 901-908.	6.4	87
8	Liposome-based delivery of biological drugs. <i>Chinese Chemical Letters</i> , 2022, 33, 587-596.	9.0	79
9	Meso-heteroaryl BODIPY dyes as dual-responsive fluorescent probes for discrimination of Cys from Hcy and GSH. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 861-869.	7.8	68
10	Aptamer-mediated delivery of docetaxel to prostate cancer through polymeric nanoparticles for enhancement of antitumor efficacy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 107, 130-141.	4.3	66
11	Improving dermal delivery of hydrophilic macromolecules by biocompatible ionic liquid based on choline and malic acid. <i>International Journal of Pharmaceutics</i> , 2019, 558, 380-387.	5.2	59
12	Delivery strategies of amphotericin B for invasive fungal infections. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2585-2604.	12.0	58
13	Utility of Pickering emulsions in improved oral drug delivery. <i>Drug Discovery Today</i> , 2020, 25, 2038-2045.	6.4	48
14	Water-Soluble Fluorescent Probe with Dual Mitochondria/Lysosome Targetability for Selective Superoxide Detection in Live Cells and in Zebrafish Embryos. <i>ACS Sensors</i> , 2018, 3, 59-64.	7.8	47
15	Overcoming or circumventing the stratum corneum barrier for efficient transcutaneous immunization. <i>Drug Discovery Today</i> , 2018, 23, 181-186.	6.4	45
16	Aptamer-conjugated multi-walled carbon nanotubes as a new targeted ultrasound contrast agent for the diagnosis of prostate cancer. <i>Journal of Nanoparticle Research</i> , 2018, 20, 303.	1.9	43
17	Ionic liquids as a useful tool for tailoring active pharmaceutical ingredients. <i>Journal of Controlled Release</i> , 2021, 338, 268-283.	9.9	43
18	Overcoming the resistance mechanisms of Smoothened inhibitors. <i>Drug Discovery Today</i> , 2018, 23, 704-710.	6.4	41

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19	Intracellular codelivery of anti-inflammatory drug and anti-miR 155 to treat inflammatory disease. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1521-1533.	12.0	39
20	Improving dermal delivery of hyaluronic acid by ionic liquids for attenuating skin dehydration. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 528-535.	7.5	39
21	3D bioprinting for fabricating artificial skin tissue. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112041.	5.0	39
22	The Trigeminal Pathway Dominates the Nose-to-Brain Transportation of Intact Polymeric Nanoparticles: Evidence from Aggregation-Caused Quenching Probes. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 686-702.	1.1	38
23	Instantaneous fluorescent probe for the specific detection of H ₂ S. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 213, 416-422.	3.9	37
24	Enhanced transdermal delivery of meloxicam by nanocrystals: Preparation, in vitro and in vivo evaluation. <i>Asian Journal of Pharmaceutical Sciences</i> , 2018, 13, 518-526.	9.1	36
25	InÂvitro and inÂvivo correlation for lipid-based formulations: Current status and future perspectives. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2469-2487.	12.0	36
26	Enhanced transdermal delivery of curcumin nanosuspensions: A mechanistic study based on co-localization of particle and drug signals. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119737.	5.2	34
27	Long-acting microneedles: a progress report of the state-of-the-art techniques. <i>Drug Discovery Today</i> , 2020, 25, 1462-1468.	6.4	33
28	Permeation into but not across the cornea: Bioimaging of intact nanoemulsions and nanosuspensions using aggregation-caused quenching probes. <i>Chinese Chemical Letters</i> , 2018, 29, 1834-1838.	9.0	30
29	Visualizing Nitric oxide in mitochondria and lysosomes of living cells with N-Nitrosation of BODIPY-based fluorescent probes. <i>Analytica Chimica Acta</i> , 2019, 1067, 88-97.	5.4	27
30	Improving the hypoglycemic effect of insulin via the nasal administration of deep eutectic solvents. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118584.	5.2	25
31	What is the future for nanocrystal-based drug-delivery systems?. <i>Therapeutic Delivery</i> , 2020, 11, 225-229.	2.2	24
32	Gastrointestinal lipolysis and trans-epithelial transport of SMEDDS via oral route. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1010-1020.	12.0	22
33	Insights into the therapeutic potential of hypoxia-inducible factor-1α small interfering RNA in malignant melanoma delivered via folate-decorated cationic liposomes. <i>International Journal of Nanomedicine</i> , 2016, 11, 991.	6.7	21
34	Discovery of an Amino Acid-Modified Near-Infrared Aza-BODIPY Photosensitizer as an Immune Initiator for Potent Photodynamic Therapy in Melanoma. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 3616-3631.	6.4	20
35	Targeting strategies of oral nano-delivery systems for treating inflammatory bowel disease. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120461.	5.2	19
36	Comparisons of gene expression in normal, lesional, and nonâlesional psoriatic skin using <sc>DNA</sc> microarray techniques. <i>International Journal of Dermatology</i> , 2014, 53, 1213-1220.	1.0	18

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37	Near-infrared off-on fluorescent probe for fast and selective detection of palladium (II) in living cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 355, 158-164.	3.9	17
38	The Msi1-mTOR pathway drives the pathogenesis of mammary and extramammary Paget's disease. <i>Cell Research</i> , 2020, 30, 854-872.	12.0	17
39	Ionic liquids containing ketoconazole improving topical treatment of T. Interdigitale infection by synergistic action. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119842.	5.2	16
40	Nano-engineered immune cells as "guided missiles" for cancer therapy. <i>Journal of Controlled Release</i> , 2022, 341, 60-79.	9.9	15
41	Preparation and Optimization of Amorphous Ursodeoxycholic Acid Nano-suspensions by Nanoprecipitation based on Acid-base Neutralization for Enhanced Dissolution. <i>Current Drug Delivery</i> , 2017, 14, 483-491.	1.6	12
42	Sustained and controlled release of herbal medicines: The concept of synchronized release. <i>International Journal of Pharmaceutics</i> , 2019, 560, 116-125.	5.2	11
43	TAT modification facilitates nose-to-brain transport of intact mPEG-PDLLA micelles: Evidence from aggregation-caused quenching probes. <i>Applied Materials Today</i> , 2020, 19, 100556.	4.3	11
44	Xanomeline Protects Cortical Cells From Oxygen-Glucose Deprivation via Inhibiting Oxidative Stress and Apoptosis. <i>Frontiers in Physiology</i> , 2020, 11, 656.	2.8	10
45	Enhanced dissolution, stability and physicochemical characterization of ATRA/2-hydroxypropyl- β -cyclodextrin inclusion complex pellets prepared by fluid-bed coating technique. <i>Pharmaceutical Development and Technology</i> , 2013, 18, 130-136.	2.4	8
46	A novel delivery vector for targeted delivery of the antiangiogenic drug paclitaxel to angiogenic blood vessels: TLTYTWS-conjugated PEG-PLA nanoparticles. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	6
47	Effects on immunization of the physicochemical parameters of particles as vaccine carriers. <i>Drug Discovery Today</i> , 2021, 26, 1712-1720.	6.4	6
48	Current Progresses of Functional Nanomaterials for Imaging Diagnosis and Treatment of Melanoma. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 2494-2506.	2.1	6
49	Reply to Comment on "Water-Soluble Fluorescent Probe with Dual Mitochondria/Lysosome Targetability Superoxide Detection in Live Cells and in Zebrafish Embryos". <i>ACS Sensors</i> , 2019, 4, 3084-3087.	7.8	5
50	Converting Tretinoin into Ionic Liquids for Improving Aqueous Solubility and Permeability across Skin. <i>Pharmaceutical Research</i> , 2022, 39, 2421-2430.	3.5	4
51	Symbiotic microorganisms: prospects for treating atopic dermatitis. <i>Expert Opinion on Biological Therapy</i> , 2022, 22, 911-927.	3.1	1