

Jie Shen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6279252/publications.pdf>

Version: 2024-02-01

55
papers

1,535
citations

430874

18
h-index

315739

38
g-index

58
all docs

58
docs citations

58
times ranked

2612
citing authors

#	ARTICLE	IF	CITATIONS
1	Tetraphenylethene-based highly emissive metallacage as a component of theranostic supramolecular nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13720-13725.	7.1	161
2	Cationic pillar[6]arene/ATP host-guest recognition: selectivity, inhibition of ATP hydrolysis, and application in multidrug resistance treatment. Chemical Science, 2016, 7, 4073-4078.	7.4	139
3	Synergistic treatment of ovarian cancer by co-delivery of survivin shRNA and paclitaxel via supramolecular micellar assembly. Biomaterials, 2012, 33, 6580-6591.	11.4	114
4	Gene delivery to tumor cells by cationic polymeric nanovectors coupled to folic acid and the cell-penetrating peptide octarginine. Biomaterials, 2011, 32, 7253-7262.	11.4	107
5	A Review of Mesoporous Silica Nanoparticle Delivery Systems in Chemo-Based Combination Cancer Therapies. Frontiers in Chemistry, 2020, 8, 598722.	3.6	77
6	Supramolecular Nanomedicine Constructed from Cucurbit[8]uril-Based Amphiphilic Brush Copolymer for Cancer Therapy. ACS Applied Materials & Interfaces, 2017, 9, 44392-44401.	8.0	71
7	Restoration of chemosensitivity by multifunctional micelles mediated by P-gp siRNA to reverse MDR. Biomaterials, 2014, 35, 8621-8634.	11.4	69
8	Intracellular pathways and nuclear localization signal peptide-mediated gene transfection by cationic polymeric nanovectors. Biomaterials, 2012, 33, 1135-1145.	11.4	67
9	A Cooperative Dimensional Strategy for Enhanced Nucleus-Targeted Delivery of Anticancer Drugs. Advanced Functional Materials, 2017, 27, 1700339.	14.9	66
10	FoxO1 is a crucial mediator of TGF- β 2/TAK1 signaling and protects against osteoarthritis by maintaining articular cartilage homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30488-30497.	7.1	62
11	Vanadium Core-Shell Nanorods Inspect Metabolic Changes of Diabetic Retinopathy. Advanced Functional Materials, 2020, 30, 2002791.	14.9	59
12	A porphyrin-based fluorescent probe for optical detection of toxic Cd ²⁺ ion in aqueous solution and living cells. Dyes and Pigments, 2017, 143, 427-435.	3.7	49
13	Distinct metabolic programs induced by TGF- β 1 and BMP2 in human articular chondrocytes with osteoarthritis. Journal of Orthopaedic Translation, 2018, 12, 66-73.	3.9	46
14	Supramolecular chemotherapeutic drug constructed from pillararene-based supramolecular amphiphile. Chemical Communications, 2018, 54, 8198-8201.	4.1	37
15	Inhibition of 4-aminobutyrate aminotransferase protects against injury-induced osteoarthritis in mice. JCI Insight, 2019, 4, .	5.0	26
16	Loss of <i>Dnmt3b</i> in Chondrocytes Leads to Delayed Endochondral Ossification and Fracture Repair. Journal of Bone and Mineral Research, 2018, 33, 283-297.	2.8	25
17	Recent Advances of Cell Membrane Coated Nanoparticles in Treating Cardiovascular Disorders. Molecules, 2021, 26, 3428.	3.8	21
18	[2]Pseudorotaxane-Based Supramolecular Optical Indicator for the Visual Detection of Cellular Cyanide Excretion. Chemistry - A European Journal, 2019, 25, 14447-14453.	3.3	19

#	ARTICLE	IF	CITATIONS
19	An Avascular Niche Created by Axitinib-Loaded PCL/Collagen Nanofibrous Membrane Stabilized Subcutaneous Chondrogenesis of Mesenchymal Stromal Cells. <i>Advanced Science</i> , 2021, 8, e2100351.	11.2	19
20	Ablation of Dnmt3b in chondrocytes suppresses cell maturation during embryonic development. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5852-5863.	2.6	17
21	Nanomedicine Fabricated from A Boron-dipyrromethene (BODIPY)-Embedded Amphiphilic Copolymer for Photothermal-Enhanced Chemotherapy. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4463-4473.	5.2	16
22	Activation of β -catenin in Col2-expressing chondrocytes leads to osteoarthritis-like defects in hip joint. <i>Journal of Cellular Physiology</i> , 2019, 234, 18535-18543.	4.1	16
23	Recent Advances of Nanotechnology-Facilitated Bacteria-Based Drug and Gene Delivery Systems for Cancer Treatment. <i>Pharmaceutics</i> , 2021, 13, 940.	4.5	16
24	Deletion of Glut1 in early postnatal cartilage reprograms chondrocytes toward enhanced glutamine oxidation. <i>Bone Research</i> , 2021, 9, 38.	11.4	16
25	Phytoestrogen derivatives differentially inhibit arterial neointimal proliferation in a mouse model. <i>European Journal of Pharmacology</i> , 2006, 548, 123-128.	3.5	15
26	Dnmt3b ablation impairs fracture repair through upregulation of Notch pathway. <i>JCI Insight</i> , 2020, 5, .	5.0	15
27	Preparation and Characterization of Novel Pharmaceutical Co-Crystals: Ticagrelor with Nicotinamide. <i>Crystals</i> , 2018, 8, 336.	2.2	14
28	Impact of Crystal Habit on Solubility of Ticagrelor. <i>Crystals</i> , 2019, 9, 556.	2.2	14
29	Evaluation of the stability of cucurbit[8]uril-based ternary host-guest complexation in physiological environment and the fabrication of a supramolecular theranostic nanomedicine. <i>Journal of Nanobiotechnology</i> , 2021, 19, 330.	9.1	14
30	Supramolecular nanoparticles constructed from pillar[5]arene-based host-guest complexation with enhanced aggregation-induced emission for imaging-guided drug delivery. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1418-1427.	5.9	12
31	Impact of Crystal Habit on the Dissolution Rate and In Vivo Pharmacokinetics of Sorafenib Tosylate. <i>Molecules</i> , 2021, 26, 3469.	3.8	12
32	Therapeutic polymeric nanomedicine: GSH-responsive release promotes drug release for cancer synergistic chemotherapy. <i>RSC Advances</i> , 2019, 9, 37232-37240.	3.6	11
33	HIF3A DNA methylation, obesity and weight gain, and breast cancer risk among Mexican American women. <i>Obesity Research and Clinical Practice</i> , 2020, 14, 548-553.	1.8	11
34	Targeting angiogenesis for fracture nonunion treatment in inflammatory disease. <i>Bone Research</i> , 2021, 9, 29.	11.4	11
35	Enhancing the Physiochemical Properties of Puerarin via L-Proline Co-Crystallization: Synthesis, Characterization, and Dissolution Studies of Two Phases of Pharmaceutical Co-Crystals. <i>International Journal of Molecular Sciences</i> , 2021, 22, 928.	4.1	11
36	Amygdalin Promotes Fracture Healing through TGF- β /Smad Signaling in Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2020, 2020, 1-13.	2.5	10

#	ARTICLE	IF	CITATIONS
37	Isomorphous Crystals Formed by the Similar Supramolecular Motifs in Sorafenib Hydrochloride and Regorafenib Hydrochloride Salts. <i>Crystals</i> , 2019, 9, 649.	2.2	9
38	A versatile ultrafine and super-absorptive H ⁺ -modified montmorillonite: application for metabolic syndrome intervention and gastric mucosal protection. <i>Biomaterials Science</i> , 2020, 8, 3370-3380.	5.4	9
39	Modified nanoscale metal organic framework-based nanoplatfoms in photodynamic therapy and further applications. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102026.	2.6	8
40	Volume Overload Initiates an Immune Response in the Right Ventricle at the Neonatal Stage. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 772336.	2.4	7
41	Improvement in the Quality of Early Postoperative Course After Endoscopic Transsphenoidal Pituitary Surgery: Description of Surgical Technique and Outcome. <i>Frontiers in Neurology</i> , 2020, 11, 527323.	2.4	5
42	Crystal structure of (<i>S</i>)-5-chloro- <i>N</i> -(2-oxo-3-[4-(3-oxomorpholin-4-yl)phenyl]oxazolidin-5-yl)methylthiophene-2-carboxamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 51-54.		5
43	Supramolecular self-assemblies for bacterial cell agglutination driven by directional charge-transfer interactions. <i>Chemical Communications</i> , 2018, 54, 2922-2925.	4.1	4
44	Association between spousal diabetes status and diabetic retinopathy in Chinese patients with type 2 diabetes. <i>Diabetes and Vascular Disease Research</i> , 2019, 16, 474-477.	2.0	4
45	Evaluation of pre-operative neuroimaging characteristics in patients with primary hemifacial spasm as a prognostic factor of microvascular decompression. <i>Clinical Neurology and Neurosurgery</i> , 2020, 195, 105874.	1.4	4
46	Leukocyte mitochondrial DNA copy number and built environment in Mexican Americans: a cross-sectional study. <i>Scientific Reports</i> , 2020, 10, 14988.	3.3	3
47	Hydrogen Bonds, Topologies, Energy Frameworks and Solubilities of Five Sorafenib Salts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6682.	4.1	3
48	CHOROIDAL TUBERCULOMA IN PREGNANCY. <i>Retina</i> , 2007, 27, 106-109.	1.7	2
49	Validation of plasma metabolites associated with breast cancer risk among Mexican Americans. <i>Cancer Epidemiology</i> , 2020, 69, 101826.	1.9	1
50	DNA repair in cancer development and aging. <i>Aging</i> , 2021, 13, 23435-23436.	3.1	1
51	Land use mix and leukocyte telomere length in Mexican Americans. <i>Scientific Reports</i> , 2021, 11, 19742.	3.3	1
52	Left ventricular epicardial pacing achieved hyper-responsiveness in young children with dilated cardiomyopathy with left bundle branch block. <i>ESC Heart Failure</i> , 2021, 8, 4772.	3.1	1
53	Drug Delivery: A Cooperative Dimensional Strategy for Enhanced Nucleus-Targeted Delivery of Anticancer Drugs (Adv. Funct. Mater. 24/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	14.9	0
54	Personalized Medicine: Vanadium Core-Shell Nanorods Inspect Metabolic Changes of Diabetic Retinopathy (Adv. Funct. Mater. 35/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070237.	14.9	0

#	ARTICLE	IF	CITATIONS
55	Leukocyte telomere length associated with glioma risk and survival. Aging and Cancer, 2020, 1, 71-78.	1.6	0