

Jian Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1500541/publications.pdf>

Version: 2024-02-01

60
papers

1,996
citations

331670

21
h-index

254184

43
g-index

63
all docs

63
docs citations

63
times ranked

3694
citing authors

#	ARTICLE	IF	CITATIONS
1	Endotoxin contamination in ovalbumin as viewed from a nano-immunotherapy perspective. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2022, 14, e1747.	6.1	4
2	Efficient drug delivery by novel cell-penetrating peptide derived from Midkine, with two heparin binding sites braced by a length-specific helix. Journal of Drug Targeting, 2022, 30, 326-333.	4.4	3
3	Establishment of SIAISi017-A, an induced pluripotent stem cell(iPSC)line from a healthy 25-year-old Chinese Hui. Stem Cell Research, 2022, 60, 102645.	0.7	0
4	Establishment of SIAISi018-A, an induced pluripotent stem cell (iPSC) line from a healthy 45-year-old Chinese Han. Stem Cell Research, 2022, 60, 102659.	0.7	0
5	Soluble Expression of Recombinant Human Cystatin C and Comparison of the Ni Column and Magnetic Bead Purification. Protein Journal, 2020, 39, 85-95.	1.6	1
6	Constructing a better binding peptide for drug delivery targeting the interleukin-4 receptor. Journal of Drug Targeting, 2020, 28, 970-981.	4.4	2
7	Effective Therapeutic Drug Delivery by GALA3, an Endosomal Escape Peptide with Reduced Hydrophobicity. Journal of Membrane Biology, 2020, 253, 139-152.	2.1	12
8	Enhanced cellulase production by decreasing intercellular pH through H ⁺ -ATPase gene deletion in Trichoderma reesei RUT-C30. Biotechnology for Biofuels, 2019, 12, 195.	6.2	8
9	Screening and characterization of a novel high-efficiency tumor-homing cell-penetrating peptide from the buffalo cathelicidin family. Journal of Peptide Science, 2019, 25, e3201.	1.4	11
10	Enhancement of cellulase production in Trichoderma reesei RUT-C30 by comparative genomic screening. Microbial Cell Factories, 2019, 18, 81.	4.0	35
11	Obesity-Induced Methylation of Osteopontin Contributes to Adipogenic Differentiation of Adipose-Derived Mesenchymal Stem Cells. Stem Cells International, 2019, 2019, 1-13.	2.5	5
12	Real-Time Quantitative PCR Analysis of the Expression Pattern of the Hypoglycemic Polypeptide-P Gene in Momordica charantia. Genes, 2019, 10, 1044.	2.4	0
13	Effective cancer immunotherapy by Ganoderma lucidum polysaccharide-gold nanocomposites through dendritic cell activation and memory T cell response. Carbohydrate Polymers, 2019, 205, 192-202.	10.2	93
14	Screening novel Î ² -galactosidases from a sequence-based metagenome and characterization of an alkaline Î ² -galactosidase for the enzymatic synthesis of galactooligosaccharides. Protein Expression and Purification, 2019, 155, 104-111.	1.3	14
15	Detection of nanocarrier potentiation on drug induced phospholipidosis in cultured cells and primary hepatocyte spheroids by high content imaging and analysis. Toxicology and Applied Pharmacology, 2018, 348, 54-66.	2.8	11
16	Structure optimisation to improve the delivery efficiency and cell selectivity of a tumour-targeting cell-penetrating peptide. Journal of Drug Targeting, 2018, 26, 777-792.	4.4	12
17	The protective role of autophagy in nephrotoxicity induced by bismuth nanoparticles through AMPK/mTOR pathway. Nanotoxicology, 2018, 12, 586-601.	3.0	40
18	Enhanced anticancer effect of MAP30-33 by cyclosporin A through endosomal escape. Anti-Cancer Drugs, 2018, 29, 736-747.	1.4	6

#	ARTICLE	IF	CITATIONS
19	Physiological Hypoxia Enhances Stemness Preservation, Proliferation, and Bidifferentiation of Induced Hepatic Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	4.0	12
20	Synthetic Analogues of Betulinic Acid as Potent Inhibitors of PS1 / BACE1 Interaction to Reduce $\text{A}\beta$ Generation. <i>Chinese Journal of Chemistry</i> , 2017, 35, 103-112.	4.9	9
21	Effectively enhancing cytotoxic and apoptotic effects of alpha β -mannanase by integrating a heparin-binding peptide. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 918-926.	3.1	3
22	Stabilization of mouse haploid embryonic stem cells with combined kinase and signal modulation. <i>Scientific Reports</i> , 2017, 7, 13222.	3.3	14
23	A novel trichosanthin fusion protein with increased cytotoxicity to tumor cells. <i>Biotechnology Letters</i> , 2017, 39, 71-78.	2.2	8
24	Deletion of β -Arrestin2 in Mice Limited Pancreatic β -Cell Expansion under Metabolic Stress through Activation of the JNK Pathway. <i>Molecular Medicine</i> , 2016, 22, 74-84.	4.4	4
25	Two mutations G335D and Q343R within the amyloidogenic core region of TDP-43 influence its aggregation and inclusion formation. <i>Scientific Reports</i> , 2016, 6, 23928.	3.3	64
26	Osteopontin facilitates tumor metastasis by regulating epithelial-mesenchymal plasticity. <i>Cell Death and Disease</i> , 2016, 7, e2564-e2564.	6.3	44
27	Downregulation of ASPP2 improves hepatocellular carcinoma cells survival via promoting BECN1-dependent autophagy initiation. <i>Cell Death and Disease</i> , 2016, 7, e2512-e2512.	6.3	33
28	Enhanced anti-tumor activity of trichosanthin after combination with a human-derived cell-penetrating peptide, and a possible mechanism of activity. <i>FASEB J</i> , 2016, 30, 183-190.	2.2	11
29	β -arrestin-1 contributes to brown fat function and directly interacts with PPAR α and PPAR γ . <i>Scientific Reports</i> , 2016, 6, 26999.	3.3	14
30	The heparin-binding domain of HB-EGF as an efficient cell-penetrating peptide for drug delivery. <i>Journal of Peptide Science</i> , 2016, 22, 689-699.	1.4	13
31	Combinatorial evolution of phosphotriesterase toward a robust malathion degrader by hierarchical iteration mutagenesis. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2350-2357.	3.3	30
32	Comparative studies on the immunoregulatory effects of three polysaccharides using high content imaging system. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 28-42.	7.5	46
33	β -Arrestin1 regulates the morphology and dynamics of microglia in zebrafish <i>in vivo</i> . <i>European Journal of Neuroscience</i> , 2016, 43, 131-138.	2.6	11
34	Traditional Chinese Nootropic Medicine Radix Polygalae and Its Active Constituent Onjisaponin B Reduce β -Amyloid Production and Improve Cognitive Impairments. <i>PLoS ONE</i> , 2016, 11, e0151147.	2.5	27
35	A herbal medicine for Alzheimer's disease and its active constituents promote neural progenitor proliferation. <i>Aging Cell</i> , 2015, 14, 784-796.	6.7	85
36	The Combination of Aricept with a Traditional Chinese Medicine Formula, Smart Soup, May Be a Novel Way to Treat Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 1185-1195.	2.6	12

#	ARTICLE	IF	CITATIONS
37	Targeting the β -secretase interaction reduces β -amyloid generation and ameliorates Alzheimer's disease-related pathogenesis. <i>Cell Discovery</i> , 2015, 1, 15021.	6.7	31
38	β -Secretase Modulators and Inhibitors Induce Different Conformational Changes of Presenilin 1 Revealed by FLIM and FRET. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 927-937.	2.6	11
39	Osteopontin Promotes Hepatic Progenitor Cell Expansion and Tumorigenicity via Activation of β -Catenin in Mice. <i>Stem Cells</i> , 2015, 33, 3569-3580.	3.2	20
40	P1-083: A new delta opioid receptor antagonist as a novel drug against Alzheimer's disease. , 2015, 11, P371-P371.		1
41	Direct Conversion of Normal and Alzheimer's Disease Human Fibroblasts into Neuronal Cells by Small Molecules. <i>Cell Stem Cell</i> , 2015, 17, 204-212.	11.1	412
42	Recombinant expression and purification of a MAP30-cell penetrating peptide fusion protein with higher anti-tumor bioactivity. <i>Protein Expression and Purification</i> , 2015, 111, 9-17.	1.3	24
43	Direct conversion of astrocytes into neuronal cells by drug cocktail. <i>Cell Research</i> , 2015, 25, 1269-1272.	12.0	81
44	Aggregation of Polyglutamine-expanded Ataxin 7 Protein Specifically Sequesters Ubiquitin-specific Protease 22 and Deteriorates Its Deubiquitinating Function in the Spt-Ada-Gcn5-Acetyltransferase (SAGA) Complex. <i>Journal of Biological Chemistry</i> , 2015, 290, 21996-22004.	3.4	30
45	Smart Soup, a Traditional Chinese Medicine Formula, Ameliorates Amyloid Pathology and Related Cognitive Deficits. <i>PLoS ONE</i> , 2014, 9, e111215.	2.5	39
46	Generation of neural progenitor cells by chemical cocktails and hypoxia. <i>Cell Research</i> , 2014, 24, 665-679.	12.0	214
47	Autoinhibitory Structure of the WW Domain of HYPB/SETD2 Regulates Its Interaction with the Proline-Rich Region of Huntingtin. <i>Structure</i> , 2014, 22, 378-386.	3.3	39
48	Integrated Expanded-Bed Ion Exchange Chromatography as a Tool for Direct Recovery of Shikimic Acid from <i>Illicium verum</i> . <i>Solvent Extraction and Ion Exchange</i> , 2014, 32, 316-332.	2.0	20
49	Aggregation of polyglutamine-expanded ataxin-3 sequesters its specific interacting partners into inclusions: Implication in a loss-of-function pathology. <i>Scientific Reports</i> , 2014, 4, 6410.	3.3	110
50	Arrestins in Metabolic Regulation. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 118, 413-427.	1.7	13
51	A novel human derived cell-penetrating peptide in drug delivery. <i>Molecular Biology Reports</i> , 2011, 38, 2649-2656.	2.3	23
52	GPCR, a rider of Alzheimer's disease. <i>Frontiers in Biology</i> , 2011, 6, 282.	0.7	1
53	Why Cell Reprogramming is Functionally Linked to Aging?. <i>Aging</i> , 2011, 3, 700-700.	3.1	6
54	Facile Synthesis of Enantiopure 4-Substituted 2-Hydroxy-4-butyrolactones using a Robust <i>Fusarium</i> Lactonase. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2959-2966.	4.3	15

#	ARTICLE	IF	CITATIONS
55	Evoking plasmin for β -amyloid clearance. Cell Research, 2008, 18, 803-804.	12.0	10
56	Preparation of hemoglobin-loaded nano-sized particles with porous structure as oxygen carriers. Biomaterials, 2007, 28, 1414-1422.	11.4	91
57	Chemokine receptor CCR5 functionally couples to inhibitory G proteins and undergoes desensitization. , 1998, 71, 36-45.		57
58	Carboxyl terminal of rhodopsin kinase is required for the phosphorylation of photo-activated rhodopsin. Cell Research, 1998, 8, 303-310.	12.0	6
59	Molecular characterization and functional expression of opioid receptor-like1 receptor. Cell Research, 1997, 7, 69-77.	12.0	21
60	Functional expression of opioid receptor-like receptor and its endogenous specific agonist nociceptin/orphanin FQ during mouse embryogenesis. Cell Research, 1997, 7, 207-215.	12.0	2