

Jian Zhao

List of Publications by Year in descending order

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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	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
2	Generation of neural progenitor cells by chemical cocktails and hypoxia. <i>Cell Research</i> , 2014, 24, 665-679.	12.0	214
3	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
4	Effective cancer immunotherapy by <i>Ganoderma lucidum</i> polysaccharide-gold nanocomposites through dendritic cell activation and memory T cell response. <i>Carbohydrate Polymers</i> , 2019, 205, 192-202.	10.2	93
5	Preparation of hemoglobin-loaded nano-sized particles with porous structure as oxygen carriers. <i>Biomaterials</i> , 2007, 28, 1414-1422.	11.4	91
6	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
7	Direct conversion of astrocytes into neuronal cells by drug cocktail. <i>Cell Research</i> , 2015, 25, 1269-1272.	12.0	81
8	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
9	Chemokine receptor CCR5 functionally couples to inhibitory G proteins and undergoes desensitization. <i>J Biol Chem</i> , 1998, 273, 36-45.		57
10	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
11	Osteopontin facilitates tumor metastasis by regulating epithelial-mesenchymal plasticity. <i>Cell Death and Disease</i> , 2016, 7, e2564-e2564.	6.3	44
12	The protective role of autophagy in nephrotoxicity induced by bismuth nanoparticles through AMPK/mTOR pathway. <i>Nanotoxicology</i> , 2018, 12, 586-601.	3.0	40
13	Smart Soup, a Traditional Chinese Medicine Formula, Ameliorates Amyloid Pathology and Related Cognitive Deficits. <i>PLoS ONE</i> , 2014, 9, e111215.	2.5	39
14	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
15	Enhancement of cellulase production in <i>Trichoderma reesei</i> RUT-C30 by comparative genomic screening. <i>Microbial Cell Factories</i> , 2019, 18, 81.	4.0	35
16	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
17	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
18	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

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19	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
20	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
21	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
22	A novel human derived cell-penetrating peptide in drug delivery. <i>Molecular Biology Reports</i> , 2011, 38, 2649-2656.	2.3	23
23	Molecular characterization and functional expression of opioid receptor-like1 receptor. <i>Cell Research</i> , 1997, 7, 69-77.	12.0	21
24	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
25	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
26	Facile Synthesis of Enantiopure 4-Substituted 2-Hydroxy-4-butylolactones using a Robust <i>Fusarium</i> Lactonase. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2959-2966.	4.3	15
27	β -arrestin-1 contributes to brown fat function and directly interacts with PPAR α and PPAR β . <i>Scientific Reports</i> , 2016, 6, 26999.	3.3	14
28	Stabilization of mouse haploid embryonic stem cells with combined kinase and signal modulation. <i>Scientific Reports</i> , 2017, 7, 13222.	3.3	14
29	Screening novel β -galactosidases from a sequence-based metagenome and characterization of an alkaline β -galactosidase for the enzymatic synthesis of galactooligosaccharides. <i>Protein Expression and Purification</i> , 2019, 155, 104-111.	1.3	14
30	Arrestins in Metabolic Regulation. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 118, 413-427.	1.7	13
31	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
32	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
33	Structure optimisation to improve the delivery efficiency and cell selectivity of a tumour-targeting cell-penetrating peptide. <i>Journal of Drug Targeting</i> , 2018, 26, 777-792.	4.4	12
34	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
35	Effective Therapeutic Drug Delivery by GALA3, an Endosomal Escape Peptide with Reduced Hydrophobicity. <i>Journal of Membrane Biology</i> , 2020, 253, 139-152.	2.1	12
36	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

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37	Enhanced anti-tumor activity of trichosanthin after combination with a human-derived cell-penetrating peptide, and a possible mechanism of activity. <i>F5-toterap5-c</i> , 2016, 112, 183-190.	2.2	11
38	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
39	Detection of nanocarrier potentiation on drug induced phospholipidosis in cultured cells and primary hepatocyte spheroids by high content imaging and analysis. <i>Toxicology and Applied Pharmacology</i> , 2018, 348, 54-66.	2.8	11
40	Screening and characterization of a novel high efficiency tumor homing cell penetrating peptide from the buffalo cathelicidin family. <i>Journal of Peptide Science</i> , 2019, 25, e3201.	1.4	11
41	Evoking plasmin for β -amyloid clearance. <i>Cell Research</i> , 2008, 18, 803-804.	12.0	10
42	Synthetic Analogues of Betulinic Acid as Potent Inhibitors of <i>PS1</i> / <i>BACE1</i> Interaction to Reduce $A\beta$ Generation. <i>Chinese Journal of Chemistry</i> , 2017, 35, 103-112.	4.9	9
43	A novel trichosanthin fusion protein with increased cytotoxicity to tumor cells. <i>Biotechnology Letters</i> , 2017, 39, 71-78.	2.2	8
44	Enhanced cellulase production by decreasing intercellular pH through H ⁺ -ATPase gene deletion in <i>Trichoderma reesei</i> RUT-C30. <i>Biotechnology for Biofuels</i> , 2019, 12, 195.	6.2	8
45	Carboxyl terminal of rhodopsin kinase is required for the phosphorylation of photo-activated rhodopsin. <i>Cell Research</i> , 1998, 8, 303-310.	12.0	6
46	Enhanced anticancer effect of MAP30 ^{S3} by cyclosporin A through endosomal escape. <i>Anti-Cancer Drugs</i> , 2018, 29, 736-747.	1.4	6
47	Why Cell Reprogramming is Functionally Linked to Aging?. <i>Aging</i> , 2011, 3, 700-700.	3.1	6
48	Obesity-Induced Methylation of Osteopontin Contributes to Adipogenic Differentiation of Adipose-Derived Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2019, 2019, 1-13.	2.5	5
49	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
50	Endotoxin contamination in ovalbumin as viewed from a nano-immunotherapy perspective. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022, 14, e1747.	6.1	4
51	Effectively enhancing cytotoxic and apoptotic effects of alpha-momorcharin by integrating a heparin-binding peptide. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 918-926.	3.1	3
52	Efficient drug delivery by novel cell-penetrating peptide derived from Midkine, with two heparin binding sites braced by a length-specific helix. <i>Journal of Drug Targeting</i> , 2022, 30, 326-333.	4.4	3
53	Functional expression of opioid receptor-like receptor and its endogenous specific agonist nociceptin/orphanin FQ during mouse embryogenesis. <i>Cell Research</i> , 1997, 7, 207-215.	12.0	2
54	Constructing a better binding peptide for drug delivery targeting the interleukin-4 receptor. <i>Journal of Drug Targeting</i> , 2020, 28, 970-981.	4.4	2

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55	GPCR, a rider of Alzheimer's disease. <i>Frontiers in Biology</i> , 2011, 6, 282.	0.7	1
56	P1-083: A new delta opioid receptor antagonist as a novel drug against Alzheimer's disease. , 2015, 11, P371-P371.		1
57	Soluble Expression of Recombinant Human Cystatin C and Comparison of the Ni Column and Magnetic Bead Purification. <i>Protein Journal</i> , 2020, 39, 85-95.	1.6	1
58	Real-Time Quantitative PCR Analysis of the Expression Pattern of the Hypoglycemic Polypeptide-P Gene in <i>Momordica charantia</i> . <i>Genes</i> , 2019, 10, 1044.	2.4	0
59	Establishment of SIAISi017-A, an induced pluripotent stem cell (iPSC) line from a healthy 25-year-old Chinese Hui. <i>Stem Cell Research</i> , 2022, 60, 102645.	0.7	0
60	Establishment of SIAISi018-A, an induced pluripotent stem cell (iPSC) line from a healthy 45-year-old Chinese Han. <i>Stem Cell Research</i> , 2022, 60, 102659.	0.7	0