

Jian Yang

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

1,798
citations

304743

22
h-index

330143

37
g-index

84
all docs

84
docs citations

84
times ranked

2397
citing authors

#	ARTICLE	IF	CITATIONS
1	Medicinal plants of the genus <i>Gelsemium</i> (Gelsemiaceae, Gentianales)â€”A review of their phytochemistry, pharmacology, toxicology and traditional use. <i>Journal of Ethnopharmacology</i> , 2014, 152, 33-52.	4.1	159
2	Oxalate-curcuminâ€”based probe for micro- and macroimaging of reactive oxygen species in Alzheimerâ€™s disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12384-12389.	7.1	102
3	Systems pharmacological study illustrates the immune regulation, anti-infection, anti-inflammation, and multi-organ protection mechanism of Qing-Fei-Pai-Du decoction in the treatment of COVID-19. <i>Phytomedicine</i> , 2021, 85, 153315.	5.3	100
4	Comparison of efficacy between TACE combined with apatinib and TACE alone in the treatment of intermediate and advanced hepatocellular carcinoma: A single-center randomized controlled trial. <i>Cancer Biology and Therapy</i> , 2017, 18, 433-438.	3.4	91
5	Tuning the stereo-hindrance of a curcumin scaffold for the selective imaging of the soluble forms of amyloid beta species. <i>Chemical Science</i> , 2017, 8, 7710-7717.	7.4	69
6	BBC3 in macrophages promoted pulmonary fibrosis development through inducing autophagy during silicosis. <i>Cell Death and Disease</i> , 2017, 8, e2657-e2657.	6.3	61
7	Computational systems pharmacology reveals an antiplatelet and neuroprotective mechanism of Deng-Zhan-Xi-Xin injection in the treatment of ischemic stroke. <i>Pharmacological Research</i> , 2019, 147, 104365.	7.1	59
8	Imaging hydrogen peroxide in Alzheimerâ€™s disease via cascade signal amplification. <i>Scientific Reports</i> , 2016, 6, 35613.	3.3	58
9	Exploring the mechanism of TCM formulae in the treatment of different types of coronary heart disease by network pharmacology and machine learning. <i>Pharmacological Research</i> , 2020, 159, 105034.	7.1	56
10	Development of Near-Infrared Fluorescent Probes for Use in Alzheimerâ€™s Disease Diagnosis. <i>Bioconjugate Chemistry</i> , 2020, 31, 2-15.	3.6	53
11	Effects of Koumine on Adjuvant- and Collagen-Induced Arthritis in Rats. <i>Journal of Natural Products</i> , 2016, 79, 2635-2643.	3.0	39
12	miR-885-5p suppresses hepatocellular carcinoma metastasis and inhibits Wnt/ β -catenin signaling pathway. <i>Oncotarget</i> , 2016, 7, 75038-75051.	1.8	38
13	Effects of AQP5 gene silencing on proliferation, migration and apoptosis of human glioma cells through regulating EGFR/ERK/ p38 MAPK signaling pathway. <i>Oncotarget</i> , 2017, 8, 38444-38455.	1.8	35
14	Highly specific detection of A β oligomers in early Alzheimer's disease by a near-infrared fluorescent probe with a β -V-shaped spatial conformation. <i>Chemical Communications</i> , 2020, 56, 583-586.	4.1	34
15	Near-infrared Fluorescence Ocular Imaging (NIRFOI) of Alzheimerâ€™s Disease. <i>Molecular Imaging and Biology</i> , 2019, 21, 35-43.	2.6	31
16	Multiple Associated Variants Increase the Heritability Explained for Plasma Lipids and Coronary Artery Disease. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 583-587.	5.1	29
17	Near-Infrared Fluorescent Probes as Imaging and Theranostic Modalities for Amyloid-Beta and Tau Aggregates in Alzheimerâ€™s Disease. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8550-8595.	6.4	29
18	Developmental Aspects of Bloodâ€”Brain Barrier (BBB) and Rat Brain Endothelial (RBE4) Cells as in vitro Model for Studies on Chlorpyrifos Transport. <i>NeuroToxicology</i> , 2003, 24, 741-745.	3.0	28

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19	Koumine Enhances Spinal Cord 3 β -Hydroxysteroid Oxidoreductase Expression and Activity in a Rat Model of Neuropathic Pain. <i>Molecular Pain</i> , 2015, 11, s12990-015-0050.	2.1	27
20	Ginsenoside Rh2 reverses cyclophosphamide-induced immune deficiency by regulating fatty acid metabolism. <i>Journal of Leukocyte Biology</i> , 2019, 106, 1089-1100.	3.3	27
21	Genetic Variants of VEGF (rs201963 and rs3025039) and KDR (rs7667298, rs2305948, and rs1870377) Are Associated with Glioma Risk in a Han Chinese Population: a Case-Control Study. <i>Molecular Neurobiology</i> , 2016, 53, 2610-2618.	4.0	24
22	Pharmacological Exploitation of the Peroxisome Proliferator-Activated Receptor δ Agonist Ciglitazone To Develop a Novel Class of Androgen Receptor-Ablative Agents. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2100-2107.	6.4	23
23	miR-34a is a common link in both HIV- and antiretroviral therapy-induced vascular aging. <i>Aging</i> , 2016, 8, 3298-3310.	3.1	23
24	Targeting β -amyloid plaques and oligomers: development of near-IR fluorescence imaging probes. <i>Future Medicinal Chemistry</i> , 2017, 9, 179-198.	2.3	23
25	The analgesic effect and possible mechanisms by which koumine alters type II collagen-induced arthritis in rats. <i>Journal of Natural Medicines</i> , 2019, 73, 217-225.	2.3	23
26	Immunoregulatory Effect of Koumine on Nonalcoholic Fatty Liver Disease Rats. <i>Journal of Immunology Research</i> , 2019, 2019, 1-9.	2.2	22
27	Koumine Suppresses IL-1 β Secretion and Attenuates Inflammation Associated With Blocking ROS/NF- κ B/NLRP3 Axis in Macrophages. <i>Frontiers in Pharmacology</i> , 2020, 11, 622074.	3.5	22
28	Renal tumours in a Tsc1+/- mouse model show epigenetic suppression of organic cation transporters Slc22a1, Slc22a2 and Slc22a3, and do not respond to metformin. <i>European Journal of Cancer</i> , 2013, 49, 1479-1490.	2.8	21
29	The double-edged role of copper in the fate of amyloid beta in the presence of anti-oxidants. <i>Chemical Science</i> , 2017, 8, 6155-6164.	7.4	20
30	An Enhanced Tilted-Angle Acoustofluidic Chip for Cancer Cell Manipulation. <i>IEEE Electron Device Letters</i> , 2021, 42, 577-580.	3.9	17
31	Photothermal and Photodynamic Therapies via NIR-Activated Nanoagents in Combating Alzheimer's Disease. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3573-3585.	5.2	17
32	Koumine modulates spinal microglial M1 polarization and the inflammatory response through the Notch-RBP-J signaling pathway, ameliorating diabetic neuropathic pain in rats. <i>Phytomedicine</i> , 2021, 90, 153640.	5.3	17
33	Effects of Nisin, Cecropin, and <i>Penthorum chinense</i> Pursh on the Intestinal Microbiome of Common Carp (<i>Cyprinus carpio</i>). <i>Frontiers in Nutrition</i> , 2021, 8, 729437.	3.7	17
34	Synthesis-free PET imaging of brown adipose tissue and TSPO via combination of disulfiram and $^{64}\text{CuCl}_2$. <i>Scientific Reports</i> , 2017, 7, 8298.	3.3	15
35	Characterization of a thermostable phytase from <i>Bacillus licheniformis</i> WHU and further stabilization of the enzyme through disulfide bond engineering. <i>Enzyme and Microbial Technology</i> , 2020, 142, 109679.	3.2	15
36	Anti-inflammatory and metabolic reprogramming effects of MENK produce antitumor response in CT26 tumor-bearing mice. <i>Journal of Leukocyte Biology</i> , 2020, 108, 215-228.	3.3	15

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37	Curcumin Scaffold as a Multifunctional Tool for Alzheimer's Disease Research. <i>Molecules</i> , 2022, 27, 3879.	3.8	14
38	Efficacy of Dual Inhibition of Glycolysis and Glutaminolysis for Therapy of Renal Lesions in Tsc2+/+ Mice. <i>Neoplasia</i> , 2019, 21, 230-238.	5.3	13
39	Systems Biology Analysis of the Effect and Mechanism of Qi-Jing-Sheng-Bai Granule on Leucopenia in Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 408.	3.5	13
40	Versatile near-infrared fluorescent probe for in vivo detection of A β oligomers. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115559.	3.0	13
41	Curcumin Complex Analogues as Near-Infrared Fluorescent Probes for Monitoring all A β Species in the Early Alzheimer's Disease Model. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3683-3689.	3.5	13
42	The immunomodulatory effect of koumine on B cells under dependent and independent responses by T cells. <i>European Journal of Pharmacology</i> , 2022, 914, 174690.	3.5	13
43	Chemically Bonding of Amantadine with Gardenamide A Enhances the Neuroprotective Effects against Corticosterone-Induced Insults in PC12 Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 22795-22810.	4.1	12
44	Enhancement of keratin-degradation ability of the keratinase KerBL from <i>Bacillus licheniformis</i> WHU by proximity-triggered chemical crosslinking. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1458-1470.	7.5	12
45	IRAK2-NF- κ B signaling promotes glycolysis-dependent tumor growth in pancreatic cancer. <i>Cellular Oncology (Dordrecht)</i> , 2022, 45, 367-379.	4.4	12
46	Gene gravity-like algorithm for disease gene prediction based on phenotype-specific network. <i>BMC Systems Biology</i> , 2017, 11, 121.	3.0	11
47	Integrated Bioinformatics Analysis Reveals Key Candidate Genes and Pathways Associated With Clinical Outcome in Hepatocellular Carcinoma. <i>Frontiers in Genetics</i> , 2020, 11, 814.	2.3	11
48	Thin film Gallium nitride (GaN) based acoustofluidic Tweezer: Modelling and microparticle manipulation. <i>Ultrasonics</i> , 2020, 108, 106202.	3.9	11
49	Gallium Nitride: A Versatile Compound Semiconductor as Novel Piezoelectric Film for Acoustic Tweezer in Manipulation of Cancer Cells. <i>IEEE Transactions on Electron Devices</i> , 2020, 67, 3355-3361.	3.0	11
50	A C21-Steroidal Glycoside from <i>Cynanchum atratum</i> Attenuates Concanavalin A-Induced Liver Injury in Mice. <i>Molecules</i> , 2019, 24, 1087.	3.8	10
51	Cytoplasm protein GFAP magnetic beads construction and application as cell separation target for brain tumors. <i>Journal of Nanobiotechnology</i> , 2020, 18, 169.	9.1	10
52	Identification of Koumine as a Translocator Protein 18kDa Positive Allosteric Modulator for the Treatment of Inflammatory and Neuropathic Pain. <i>Frontiers in Pharmacology</i> , 2021, 12, 692917.	3.5	10
53	Allosteric and ATP-Competitive Inhibitors of mTOR Effectively Suppress Tumor Progression-Associated Epithelial-Mesenchymal Transition in the Kidneys of Tsc2+/+ Mice. <i>Neoplasia</i> , 2019, 21, 731-739.	5.3	9
54	Formulation and Pharmacokinetic Evaluation of a Drug-in-Adhesive Patch for Transdermal Delivery of Koumine. <i>AAPS PharmSciTech</i> , 2020, 21, 297.	3.3	9

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55	Insight Into the Effects of Nisin and Cecropin on the Oral Microbial Community of Rats by High-Throughput Sequencing. <i>Frontiers in Microbiology</i> , 2020, 11, 1082.	3.5	9
56	Expression profile-based screening for critical genes reveals S100A4, ACKR3 and CDH1 in docetaxel-resistant prostate cancer cells. <i>Aging</i> , 2019, 11, 12754-12772.	3.1	9
57	Enhancement of Activity and Thermostability of Keratinase From <i>Pseudomonas aeruginosa</i> CCTCC AB2013184 by Directed Evolution With Noncanonical Amino Acids. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 770907.	4.1	9
58	Construction of chiral chroman skeletons <i>via</i> catalytic asymmetric [4 + 2] cyclization of <i>ortho</i> -hydroxyphenyl-substituted <i>para</i> -quinone methides catalyzed by a chiral-at-metal rhodium complex. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2759-2765.	4.5	9
59	The dual PI3K/mTOR inhibitor GSK2126458 is effective for treating solid renal tumours in <i>Tsc2</i> ^{+/-} mice through suppression of cell proliferation and induction of apoptosis. <i>Oncotarget</i> , 2017, 8, 58504-58512.	1.8	8
60	Investigation of the Possible Allosteric of Koumine Extracted From <i>Gelsemium elegans</i> Benth. And Analgesic Mechanism Associated With Neurosteroids. <i>Frontiers in Pharmacology</i> , 2021, 12, 739618.	3.5	8
61	Spontaneous Ag-Nanoparticle Growth at Single-Walled Carbon Nanotube Defect Sites: A Tool for <i>In Situ</i> Generation of SERS Substrate. <i>Journal of Nanotechnology</i> , 2011, 2011, 1-7.	3.4	7
62	MicroRNA expression profile and functional analysis reveal their roles in contact inhibition and its disruption switch of rat vascular smooth muscle cells. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 885-892.	6.1	7
63	Aerobic exercise-based cardiac rehabilitation in Chinese patients with coronary heart disease: study protocol for a pilot randomized controlled trial. <i>Trials</i> , 2018, 19, 363.	1.6	7
64	Cooperation effect of 4-vinylbenzeneboronic acid/methacrylic acid on affinity of capecitabine imprinted polymer for drug carrier. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 154, 105476.	4.0	7
65	The D2R-DISC1 protein complex and associated proteins are altered in schizophrenia and normalized with antipsychotic treatment. <i>Journal of Psychiatry and Neuroscience</i> , 2022, 47, E134-E147.	2.4	7
66	Oral Administration of 5-Hydroxytryptophan Restores Gut Microbiota Dysbiosis in a Mouse Model of Depression. <i>Frontiers in Microbiology</i> , 2022, 13, 864571.	3.5	7
67	Combination of Everolimus with Sorafenib for Solid Renal Tumors in <i>Tsc2</i> ^{+/-} Mice Is Superior to Everolimus Alone. <i>Neoplasia</i> , 2017, 19, 112-120.	5.3	6
68	The integration of weighted gene association networks based on information entropy. <i>PLoS ONE</i> , 2017, 12, e0190029.	2.5	6
69	Systems Study on the Antirheumatic Mechanism of Tibetan Medicated-Bath Therapy Using Wuwei-Ganlu-Yaoyu-Keli. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	5
70	The application of degree related clustering coefficient in estimating the link predictability and predicting missing links of networks. <i>Chaos</i> , 2019, 29, 053135.	2.5	5
71	Comparative Analyses of the Transcriptome and Proteome of <i>Escherichia coli</i> C321.Δ ^{-3A} and Further Improving Its Noncanonical Amino Acids Containing Protein Expression Ability by Integration of T7 RNA Polymerase. <i>Frontiers in Microbiology</i> , 2021, 12, 744284.	3.5	5
72	Strategies Targeting Soluble Aβ ¹⁻⁴² -Amyloid Oligomers and their Application to Early Diagnosis of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2020, 16, 1132-1142.	1.4	5

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73	Reg3g ameliorates Tacrolimus-induced pancreatic β cell dysfunction by restoring mitochondrial function in murine models. <i>British Journal of Pharmacology</i> , 2022, , .	5.4	5
74	Increased SPON1 promotes pancreatic ductal adenocarcinoma progression by enhancing IL6 transsignalling. <i>Cell Proliferation</i> , 2022, , e13237.	5.3	5
75	Spectral Unmixing Imaging for Differentiating Brown Adipose Tissue Mass and Its Activation. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-7.	0.8	4
76	The Effect of Computed Tomography-Guided ^{125}I Radioactive Particle Implantation in Treating Cancer and Its Pain. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2018, 33, 176-181.	1.0	4
77	Assessment of Response of Kidney Tumors to Rapamycin and Atorvastatin in <i>Tsc1 +/â</i> Mice. <i>Translational Oncology</i> , 2017, 10, 793-799.	3.7	2
78	Large-scale integration of Virtual Reality-Enriched Tasks (VRETs) in gross anatomy curriculum during the pandemic. <i>FASEB Journal</i> , 2021, 35, .	0.5	1
79	A free-breathing non-contrast-enhanced pulmonary magnetic resonance angiography at 3 Tesla. <i>Chinese Medical Journal</i> , 2009, 122, 2111-6.	2.3	1
80	Cytochalasin Q exerts anti-melanoma effect by inhibiting creatine kinase B. <i>Toxicology and Applied Pharmacology</i> , 2022, 441, 115971.	2.8	1
81	An atom-economical design of PET tracer for imaging β integrin via utilizing the three-in-one function of ^{64}Cu . <i>Chemical Communications</i> , 2020, 56, 1788-1791.	4.1	0