

# Jian Yang

## List of Publications by Year in descending order

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81  
papers

1,798  
citations

304743

22  
h-index

330143

37  
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84  
all docs

84  
docs citations

84  
times ranked

2397  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reg3g ameliorates Tacrolimus-induced pancreatic $\beta$ cell dysfunction by restoring mitochondrial function in murine models. <i>British Journal of Pharmacology</i> , 2022, , .	5.4	5
2	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
3	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
4	Cytochalasin Q exerts anti-melanoma effect by inhibiting creatine kinase B. <i>Toxicology and Applied Pharmacology</i> , 2022, 441, 115971.	2.8	1
5	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
6	IRAK2-NF- $\kappa$ B signaling promotes glycolysis-dependent tumor growth in pancreatic cancer. <i>Cellular Oncology (Dordrecht)</i> , 2022, 45, 367-379.	4.4	12
7	Increased SPON1 promotes pancreatic ductal adenocarcinoma progression by enhancing IL-6 trans-signalling. <i>Cell Proliferation</i> , 2022, , e13237.	5.3	5
8	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
9	Curcumin Scaffold as a Multifunctional Tool for Alzheimer's Disease Research. <i>Molecules</i> , 2022, 27, 3879.	3.8	14
10	Near-Infrared Fluorescent Probes as Imaging and Theranostic Modalities for Amyloid-Beta and Tau Aggregates in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 8550-8595.	6.4	29
11	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
12	An Enhanced Tilted-Angle Acoustofluidic Chip for Cancer Cell Manipulation. <i>IEEE Electron Device Letters</i> , 2021, 42, 577-580.	3.9	17
13	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
14	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
15	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
16	Curcumin Complex Analogues as Near-Infrared Fluorescent Probes for Monitoring all A $\beta$ Species in the Early Alzheimer's Disease Model. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3683-3689.	3.5	13
17	Koumine modulates spinal microglial M1 polarization and the inflammatory response through the Notch-RBP-J $\delta$ signaling pathway, ameliorating diabetic neuropathic pain in rats. <i>Phytomedicine</i> , 2021, 90, 153640.	5.3	17
18	Comparative Analyses of the Transcriptome and Proteome of <i>Escherichia coli</i> C321. $\Delta$ -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

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19	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
20	Investigation of the Possible Allostery 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
21	Effects of Nisin, Cecropin, and Penthorum chinense Pursh on the Intestinal Microbiome of Common Carp ( <i>Cyprinus carpio</i> ). <i>Frontiers in Nutrition</i> , 2021, 8, 729437.	3.7	17
22	Highly specific detection of A $\beta$ oligomers in early Alzheimer's disease by a near-infrared fluorescent probe with a $\beta$ -shaped spatial conformation. <i>Chemical Communications</i> , 2020, 56, 583-586.	4.1	34
23	Development of Near-Infrared Fluorescent Probes for Use in Alzheimer's Disease Diagnosis. <i>Bioconjugate Chemistry</i> , 2020, 31, 2-15.	3.6	53
24	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
25	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
26	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
27	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
28	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
29	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
30	Versatile near-infrared fluorescent probe for in vivo detection of A $\beta$ oligomers. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115559.	3.0	13
31	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
32	Thin film Gallium nitride (GaN) based acoustofluidic Tweezer: Modelling and microparticle manipulation. <i>Ultrasonics</i> , 2020, 108, 106202.	3.9	11
33	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
34	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
35	An atom-economical design of PET tracer for imaging $^{18}\text{F}$ -labeled integrin $\alpha_v\beta_3$ utilizing the three-in-one function of $^{64}\text{Cu}$ . <i>Chemical Communications</i> , 2020, 56, 1788-1791.	4.1	0
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	Koumine Suppresses IL-1 $\beta$ Secretion and Attenuates Inflammation Associated With Blocking ROS/NF- $\kappa$ B/NLRP3 Axis in Macrophages. <i>Frontiers in Pharmacology</i> , 2020, 11, 622074.	3.5	22
38	Strategies Targeting Soluble $\beta$ -Amyloid Oligomers and their Application to Early Diagnosis of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2020, 16, 1132-1142.	1.4	5
39	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
40	Near-infrared Fluorescence Ocular Imaging (NIRFOI) of Alzheimer's Disease. <i>Molecular Imaging and Biology</i> , 2019, 21, 35-43.	2.6	31
41	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
42	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
43	Efficacy of Dual Inhibition of Glycolysis and Glutaminolysis for Therapy of Renal Lesions in Tsc2+/ $\alpha$ <sup>+</sup> Mice. <i>Neoplasia</i> , 2019, 21, 230-238.	5.3	13
44	Allosteric and ATP-Competitive Inhibitors of mTOR Effectively Suppress Tumor Progression-Associated Epithelial-Mesenchymal Transition in the Kidneys of Tsc2+/ $\alpha$ <sup>+</sup> Mice. <i>Neoplasia</i> , 2019, 21, 731-739.	5.3	9
45	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
46	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
47	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
48	Immunoregulatory Effect of Koumine on Nonalcoholic Fatty Liver Disease Rats. <i>Journal of Immunology Research</i> , 2019, 2019, 1-9.	2.2	22
49	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
50	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
51	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
52	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
53	The Effect of Computed Tomography-Guided 125I Radioactive Particle Implantation in Treating Cancer and Its Pain. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2018, 33, 176-181.	1.0	4
54	Combination of Everolimus with Sorafenib for Solid Renal Tumors in Tsc2+/ $\alpha$ <sup>+</sup> Mice Is Superior to Everolimus Alone. <i>Neoplasia</i> , 2017, 19, 112-120.	5.3	6

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55	Targeting $\beta$ -amyloid plaques and oligomers: development of near-IR fluorescence imaging probes. <i>Future Medicinal Chemistry</i> , 2017, 9, 179-198.	2.3	23
56	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
57	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
58	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
59	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
60	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
61	Oxalate-curcumin-based probe for micro- and macroimaging of reactive oxygen species in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12384-12389.	7.1	102
62	Assessment of Response of Kidney Tumors to Rapamycin and Atorvastatin in $Tsc1^{+/+}$ Mice. <i>Translational Oncology</i> , 2017, 10, 793-799.	3.7	2
63	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
64	The integration of weighted gene association networks based on information entropy. <i>PLoS ONE</i> , 2017, 12, e0190029.	2.5	6
65	Gene gravity-like algorithm for disease gene prediction based on phenotype-specific network. <i>BMC Systems Biology</i> , 2017, 11, 121.	3.0	11
66	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
67	The dual PI3K/mTOR inhibitor GSK2126458 is effective for treating solid renal tumours in $Tsc2^{+/-}$ mice through suppression of cell proliferation and induction of apoptosis. <i>Oncotarget</i> , 2017, 8, 58504-58512.	1.8	8
68	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
69	Imaging hydrogen peroxide in Alzheimer's disease via cascade signal amplification. <i>Scientific Reports</i> , 2016, 6, 35613.	3.3	58
70	Effects of Koumine on Adjuvant- and Collagen-Induced Arthritis in Rats. <i>Journal of Natural Products</i> , 2016, 79, 2635-2643.	3.0	39
71	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
72	miR-885-5p suppresses hepatocellular carcinoma metastasis and inhibits Wnt/ $\beta$ -catenin signaling pathway. <i>Oncotarget</i> , 2016, 7, 75038-75051.	1.8	38

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73	Koumine Enhances Spinal Cord 3 $\beta$ -Hyxysteroid Oxidoreductase Expression and Activity in a Rat Model of Neuropathic Pain. <i>Molecular Pain</i> , 2015, 11, s12990-015-0050.	2.1	27
74	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
75	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
76	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
77	Renal tumours in a <i>Tsc1</i> + mouse model show epigenetic suppression of organic cation transporters <i>Slc22a1</i> , <i>Slc22a2</i> and <i>Slc22a3</i> , and do not respond to metformin. <i>European Journal of Cancer</i> , 2013, 49, 1479-1490.	2.8	21
78	Spontaneous Ag-Nanoparticle Growth at Single-Walled Carbon Nanotube Defect Sites: A Tool for In Situ Generation of SERS Substrate. <i>Journal of Nanotechnology</i> , 2011, 2011, 1-7.	3.4	7
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	Pharmacological Exploitation of the Peroxisome Proliferator-Activated Receptor $\delta$ 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
81	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