

Zunnan Huang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70 papers	1,381 citations	19 h-index	35 g-index
79 ext. papers	1,724 ext. citations	4.4 avg, IF	4.55 L-index

#	Paper	IF	Citations
70	Virtual Screening Based on Machine Learning Explores Mangrove Natural Products as KRASG12C Inhibitors. <i>Pharmaceuticals</i> , 2022 , 15, 584	5.2	0
69	In silico Methods for Identification of Potential Therapeutic Targets. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021 , 1	3.5	1
68	Bioinformatics Analysis of a Prognostic miRNA Signature and Potential Key Genes in Pancreatic Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 641289	5.3	5
67	LncRNAs serve as novel biomarkers for diagnosis and prognosis of childhood ALL. <i>Biomarker Research</i> , 2021 , 9, 45	8	3
66	The association of human leukocyte antigen class II (HLA II) haplotypes with the risk of Latent autoimmune diabetes of adults (LADA): Evidence based on available data. <i>Gene</i> , 2021 , 767, 145177	3.8	2
65	MAPK signaling pathway-targeted marine compounds in cancer therapy. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021 , 147, 3-22	4.9	2
64	Molecular Identification and Phylogenetic Analysis of the Traditional Chinese Medicinal Plant <i>Kochia scoparia</i> Using ITS2 Barcoding. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021 , 13, 128-139	3.5	0
63	Identification of a new TRAF6 inhibitor for the treatment of hepatocellular carcinoma. <i>International Journal of Biological Macromolecules</i> , 2021 , 182, 910-920	7.9	0
62	Tandem CuAAC/Ring Cleavage/[4 + 2] Annulation Reaction to Synthesize Dihydrooxazines and Conversion to 2-Aminopyrimidines.. <i>Organic Letters</i> , 2021 ,	6.2	2
61	Identification of Prognostic miRNA Signature and Lymph Node Metastasis-Related Key Genes in Cervical Cancer. <i>Frontiers in Pharmacology</i> , 2020 , 11, 544	5.6	14
60	Advanced stratification analyses in molecular association meta-analysis: methodology and application. <i>BMC Medical Research Methodology</i> , 2020 , 20, 147	4.7	
59	Bioinformatics Analysis of Prognostic miRNA Signature and Potential Critical Genes in Colon Cancer. <i>Frontiers in Genetics</i> , 2020 , 11, 478	4.5	13
58	Role of microRNA-33a in malignant cells. <i>Oncology Letters</i> , 2020 , 20, 2537-2556	2.6	6
57	The association between nonsteroidal anti-inflammatory drugs and skin cancer: Different responses in American and European populations. <i>Pharmacological Research</i> , 2020 , 152, 104499	10.2	7
56	Marine compounds targeting the PI3K/Akt signaling pathway in cancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 129, 110484	7.5	13
55	Popular Computational Tools Used for miRNA Prediction and Their Future Development Prospects. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2020 , 12, 395-413	3.5	4
54	Computational Approaches in Preclinical Studies on Drug Discovery and Development. <i>Frontiers in Chemistry</i> , 2020 , 8, 726	5	36

53	Benserazide is a novel inhibitor targeting PKM2 for melanoma treatment. <i>International Journal of Cancer</i> , 2020 , 147, 139-151	7.5	19
52	The phosphorylation of CD147 by Fyn plays a critical role for melanoma cells growth and metastasis. <i>Oncogene</i> , 2020 , 39, 4183-4197	9.2	8
51	Implication of viral microRNAs in the genesis and diagnosis of Epstein-Barr virus-associated tumors. <i>Oncology Letters</i> , 2019 , 18, 3433-3442	2.6	6
50	HLA-DQB1 and HLA-DRB1 Variants Confer Susceptibility to Latent Autoimmune Diabetes in Adults: Relative Predispositional Effects among Allele Groups. <i>Genes</i> , 2019 , 10,	4.2	6
49	From Levinthal's Paradox to the Effects of Cell Environmental Perturbation on Protein Folding. <i>Current Medicinal Chemistry</i> , 2019 , 26, 7537-7554	4.3	3
48	Isobavachalcone exerts anti-proliferative and pro-apoptotic effects on human liver cancer cells by targeting the ERKs/RSK2 signaling pathway. <i>Oncology Reports</i> , 2019 , 41, 3355-3366	3.5	7
47	Reverse Screening Methods to Search for the Protein Targets of Chemopreventive Compounds. <i>Frontiers in Chemistry</i> , 2018 , 6, 138	5	60
46	Evolutionary analysis and structural characterization of Aquilaria sinensis sesquiterpene synthase in agarwood formation: A computational study. <i>Journal of Theoretical Biology</i> , 2018 , 456, 249-260	2.3	2
45	Controlling for confounding factors and revealing their interactions in genetic association meta-analyses: a computing method and application for stratification analyses. <i>Oncotarget</i> , 2018 , 9, 12123-12136	2.3	16
44	Tumor suppressor BLU exerts growth inhibition by blocking ERK signaling and disrupting cell cycle progression through RAS pathway interference. <i>International Journal of Clinical and Experimental Pathology</i> , 2018 , 11, 158-168	1.4	1
43	Docetaxel increases the risk of severe infections in the treatment of non-small cell lung cancer: a meta-analysis. <i>Oncoscience</i> , 2018 , 5, 220-238	0.8	1
42	Association of Dopamine Beta-Hydroxylase Polymorphisms with Alzheimer's Disease, Parkinson's Disease and Schizophrenia: Evidence Based on Currently Available Loci. <i>Cellular Physiology and Biochemistry</i> , 2018 , 51, 411-428	3.9	14
41	Lack of association between MTHFR A1298C variant and Alzheimer's disease: evidence from a systematic review and cumulative meta-analysis. <i>Neurological Research</i> , 2017 , 39, 426-434	2.7	7
40	Variants in the IL7RA gene confer susceptibility to multiple sclerosis in Caucasians: evidence based on 9734 cases and 10436 controls. <i>Scientific Reports</i> , 2017 , 7, 1207	4.9	16
39	Protein Kinase Inhibitors as Therapeutic Drugs in AML: Advances and Challenges. <i>Current Pharmaceutical Design</i> , 2017 , 23, 4303-4310	3.3	4
38	Small molecule inhibitors of mesotrypsin from a structure-based docking screen. <i>PLoS ONE</i> , 2017 , 12, e0176694	3.7	8
37	Tumor suppressor BLU promotes TRAIL-induced apoptosis by downregulating NF- κ B signaling in nasopharyngeal carcinoma. <i>Oncotarget</i> , 2017 , 8, 43853-43865	3.3	6
36	Eriocitrin from lemon suppresses the proliferation of human hepatocellular carcinoma cells through inducing apoptosis and arresting cell cycle. <i>Cancer Chemotherapy and Pharmacology</i> , 2016 , 78, 1143-1150	3.5	22

35	Genetic association of NOS1 exon18, NOS1 exon29, ABCB1 1236C/T, and ABCB1 3435C/T polymorphisms with the risk of Parkinson's disease: A meta-analysis. <i>Medicine (United States)</i> , 2016 , 95, e4982	1.8	5
34	Influence of four polymorphisms in ABCA1 and PTGS2 genes on risk of Alzheimer's disease: a meta-analysis. <i>Neurological Sciences</i> , 2016 , 37, 1209-20	3.5	20
33	Association of EVI5 rs11808092, CD58 rs2300747, and CIITA rs3087456 polymorphisms with multiple sclerosis risk: A meta-analysis. <i>Meta Gene</i> , 2016 , 9, 97-103	0.7	7
32	Inexpensive Method for Selecting Receptor Structures for Virtual Screening. <i>Journal of Chemical Information and Modeling</i> , 2016 , 56, 21-34	6.1	32
31	Glabridin arrests cell cycle and inhibits proliferation of hepatocellular carcinoma by suppressing braf/MEK signaling pathway. <i>Tumor Biology</i> , 2016 , 37, 5837-46	2.9	12
30	Epigallocatechin-3-gallate(EGCG) suppresses melanoma cell growth and metastasis by targeting TRAF6 activity. <i>Oncotarget</i> , 2016 , 7, 79557-79571	3.3	54
29	Benzyl Isothiocyanate Inhibits Prostate Cancer Development in the Transgenic Adenocarcinoma Mouse Prostate (TRAMP) Model, Which Is Associated with the Induction of Cell Cycle G1 Arrest. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 264	6.3	16
28	Genetic Association of CHAT rs3810950 and rs2177369 Polymorphisms with the Risk of Alzheimer's Disease: A Meta-Analysis. <i>BioMed Research International</i> , 2016 , 2016, 9418163	3	8
27	Genetic association of TLR4 Asp299Gly, TLR4 Thr399Ile, and CD14 C-159T polymorphisms with the risk of severe RSV infection: a meta-analysis. <i>Influenza and Other Respiratory Viruses</i> , 2016 , 10, 224-33	5.6	14
26	Mitogen- and stress-activated Kinase 1 mediates Epstein-Barr virus latent membrane protein 1-promoted cell transformation in nasopharyngeal carcinoma through its induction of Fra-1 and c-Jun genes. <i>BMC Cancer</i> , 2015 , 15, 390	4.8	13
25	Niflumic acid exhibits anti-tumor activity in nasopharyngeal carcinoma cells through affecting the expression of ERK1/2 and the activity of MMP2 and MMP9. <i>International Journal of Clinical and Experimental Pathology</i> , 2015 , 8, 9990-10001	1.4	3
24	The P110 subunit of PI3-K is a therapeutic target of acacetin in skin cancer. <i>Carcinogenesis</i> , 2014 , 35, 123-30	4.6	24
23	[6]-shogaol inhibits growth and induces apoptosis of non-small cell lung cancer cells by directly regulating Akt1/2. <i>Carcinogenesis</i> , 2014 , 35, 683-91	4.6	55
22	Curcumin suppresses proliferation of colon cancer cells by targeting CDK2. <i>Cancer Prevention Research</i> , 2014 , 7, 466-74	3.2	71
21	Naproxen induces cell-cycle arrest and apoptosis in human urinary bladder cancer cell lines and chemically induced cancers by targeting PI3K. <i>Cancer Prevention Research</i> , 2014 , 7, 236-45	3.2	50
20	A derivative of chrysin suppresses two-stage skin carcinogenesis by inhibiting mitogen- and stress-activated kinase 1. <i>Cancer Prevention Research</i> , 2014 , 7, 74-85	3.2	18
19	MicroRNAs as biomarkers in leukemia. <i>Stem Cell Investigation</i> , 2014 , 1, 11	5.1	3
18	Long non-coding RNA: a new player in cancer. <i>Journal of Hematology and Oncology</i> , 2013 , 6, 37	22.4	313

17	Direct targeting of MEK1/2 and RSK2 by silybin induces cell-cycle arrest and inhibits melanoma cell growth. <i>Cancer Prevention Research</i> , 2013 , 6, 455-65	3.2	38
16	A chrysin derivative suppresses skin cancer growth by inhibiting cyclin-dependent kinases. <i>Journal of Biological Chemistry</i> , 2013 , 288, 25924-25937	5.4	26
15	Tumor suppressor p16(INK4a) inhibits cancer cell growth by downregulating eEF1A2 through a direct interaction. <i>Journal of Cell Science</i> , 2013 , 126, 1744-52	5.3	22
14	Tumor suppressor p16INK4a inhibits cancer cell growth by downregulating eEF1A2 through a direct interaction. <i>Journal of Cell Science</i> , 2013 , 126, 3796-3796	5.3	1
13	Discovery of the novel mTOR inhibitor and its antitumor activities in vitro and in vivo. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 950-8	6.1	17
12	ERK1 and ERK2 regulate embryonic stem cell self-renewal through phosphorylation of Klf4. <i>Nature Structural and Molecular Biology</i> , 2012 , 19, 283-90	17.6	123
11	Simulation reveals two major docking pathways between the hexapeptide GDYMN and the catalytic domain of the insulin receptor protein kinase. <i>Proteins: Structure, Function and Bioinformatics</i> , 2012 , 80, 2275-86	4.2	4
10	Identification of mammalian target of rapamycin as a direct target of fenretinide both in vitro and in vivo. <i>Carcinogenesis</i> , 2012 , 33, 1814-21	4.6	14
9	A case study of scoring and rescoring in peptide docking. <i>Methods in Molecular Biology</i> , 2012 , 819, 269-93.4	3.4	2
8	Incorporating Protein Flexibility in Molecular Docking by Molecular Dynamics: Applications to Protein Kinase and Phosphatase Systems 2011 , 219-249		1
7	Derivatives of salicylic acid as inhibitors of YopH in <i>Yersinia pestis</i> . <i>Chemical Biology and Drug Design</i> , 2010 , 76, 85-99	2.9	23
6	Conformational selection of protein kinase A revealed by flexible-ligand flexible-protein docking. <i>Journal of Computational Chemistry</i> , 2009 , 30, 631-44	3.5	20
5	Docking flexible peptide to flexible protein by molecular dynamics using two implicit-solvent models: an evaluation in protein kinase and phosphatase systems. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 14343-54	3.4	28
4	Flexible protein-flexible ligand docking with disrupted velocity simulated annealing. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008 , 71, 440-54	4.2	20
3	A mining minima approach to exploring the docking pathways of p-nitrocatechol sulfate to YopH. <i>Biophysical Journal</i> , 2007 , 93, 4141-50	2.9	15
2	New perspectives on multiple-copy, mean-field molecular dynamics methods. <i>Journal of Molecular Graphics and Modelling</i> , 2004 , 22, 349-57	2.8	2
1	Computer-Aided Molecular Design of Catalysts Based on Mechanism and Structure. <i>Journal of Chemical Information and Computer Sciences</i> , 1996 , 36, 1178-1182		2