

# Zunnan Huang

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5182308/zunnan-huang-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
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	Long non-coding RNA: a new player in cancer. <i>Journal of Hematology and Oncology</i> , <b>2013</b> , 6, 37	22.4	313
69	ERK1 and ERK2 regulate embryonic stem cell self-renewal through phosphorylation of Klf4. <i>Nature Structural and Molecular Biology</i> , <b>2012</b> , 19, 283-90	17.6	123
68	Curcumin suppresses proliferation of colon cancer cells by targeting CDK2. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 466-74	3.2	71
67	Reverse Screening Methods to Search for the Protein Targets of Chemopreventive Compounds. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 138	5	60
66	[6]-shogaol inhibits growth and induces apoptosis of non-small cell lung cancer cells by directly regulating Akt1/2. <i>Carcinogenesis</i> , <b>2014</b> , 35, 683-91	4.6	55
65	Epigallocatechin-3-gallate(EGCG) suppresses melanoma cell growth and metastasis by targeting TRAF6 activity. <i>Oncotarget</i> , <b>2016</b> , 7, 79557-79571	3.3	54
64	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> , <b>2014</b> , 7, 236-45	3.2	50
63	Direct targeting of MEK1/2 and RSK2 by silybin induces cell-cycle arrest and inhibits melanoma cell growth. <i>Cancer Prevention Research</i> , <b>2013</b> , 6, 455-65	3.2	38
62	Computational Approaches in Preclinical Studies on Drug Discovery and Development. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 726	5	36
61	Inexpensive Method for Selecting Receptor Structures for Virtual Screening. <i>Journal of Chemical Information and Modeling</i> , <b>2016</b> , 56, 21-34	6.1	32
60	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> , <b>2009</b> , 113, 14343-54	3.4	28
59	A chrysin derivative suppresses skin cancer growth by inhibiting cyclin-dependent kinases. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 25924-25937	5.4	26
58	The P110 subunit of PI3-K is a therapeutic target of acacetin in skin cancer. <i>Carcinogenesis</i> , <b>2014</b> , 35, 123-30	4.6	24
57	Derivatives of salicylic acid as inhibitors of YopH in <i>Yersinia pestis</i> . <i>Chemical Biology and Drug Design</i> , <b>2010</b> , 76, 85-99	2.9	23
56	Eriocitrin from lemon suppresses the proliferation of human hepatocellular carcinoma cells through inducing apoptosis and arresting cell cycle. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2016</b> , 78, 1143-1150	3.5	22
55	Tumor suppressor p16(INK4a) inhibits cancer cell growth by downregulating eEF1A2 through a direct interaction. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 1744-52	5.3	22
54	Influence of four polymorphisms in ABCA1 and PTGS2 genes on risk of Alzheimer's disease: a meta-analysis. <i>Neurological Sciences</i> , <b>2016</b> , 37, 1209-20	3.5	20

53	Conformational selection of protein kinase A revealed by flexible-ligand flexible-protein docking. <i>Journal of Computational Chemistry</i> , <b>2009</b> , 30, 631-44	3.5	20
52	Flexible protein-flexible ligand docking with disrupted velocity simulated annealing. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2008</b> , 71, 440-54	4.2	20
51	Benserazide is a novel inhibitor targeting PKM2 for melanoma treatment. <i>International Journal of Cancer</i> , <b>2020</b> , 147, 139-151	7.5	19
50	A derivative of chrysin suppresses two-stage skin carcinogenesis by inhibiting mitogen- and stress-activated kinase 1. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 74-85	3.2	18
49	Discovery of the novel mTOR inhibitor and its antitumor activities in vitro and in vivo. <i>Molecular Cancer Therapeutics</i> , <b>2013</b> , 12, 950-8	6.1	17
48	Variants in the IL7RA gene confer susceptibility to multiple sclerosis in Caucasians: evidence based on 9734 cases and 10436 controls. <i>Scientific Reports</i> , <b>2017</b> , 7, 1207	4.9	16
47	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> , <b>2016</b> , 17, 264	6.3	16
46	A mining minima approach to exploring the docking pathways of p-nitrocatechol sulfate to YopH. <i>Biophysical Journal</i> , <b>2007</b> , 93, 4141-50	2.9	15
45	Identification of Prognostic miRNA Signature and Lymph Node Metastasis-Related Key Genes in Cervical Cancer. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 544	5.6	14
44	Identification of mammalian target of rapamycin as a direct target of fenretinide both in vitro and in vivo. <i>Carcinogenesis</i> , <b>2012</b> , 33, 1814-21	4.6	14
43	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> , <b>2016</b> , 10, 224-33	5.6	14
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> , <b>2018</b> , 51, 411-428	3.9	14
41	Bioinformatics Analysis of Prognostic miRNA Signature and Potential Critical Genes in Colon Cancer. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 478	4.5	13
40	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> , <b>2015</b> , 15, 390	4.8	13
39	Marine compounds targeting the PI3K/Akt signaling pathway in cancer therapy. <i>Biomedicine and Pharmacotherapy</i> , <b>2020</b> , 129, 110484	7.5	13
38	Glabridin arrests cell cycle and inhibits proliferation of hepatocellular carcinoma by suppressing braf/MEK signaling pathway. <i>Tumor Biology</i> , <b>2016</b> , 37, 5837-46	2.9	12
37	Small molecule inhibitors of mesotrypsin from a structure-based docking screen. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176694	3.7	8
36	Genetic Association of CHAT rs3810950 and rs2177369 Polymorphisms with the Risk of Alzheimer's Disease: A Meta-Analysis. <i>BioMed Research International</i> , <b>2016</b> , 2016, 9418163	3	8

35	The phosphorylation of CD147 by Fyn plays a critical role for melanoma cells growth and metastasis. <i>Oncogene</i> , <b>2020</b> , 39, 4183-4197	9.2	8
34	Lack of association between MTHFR A1298C variant and Alzheimer's disease: evidence from a systematic review and cumulative meta-analysis. <i>Neurological Research</i> , <b>2017</b> , 39, 426-434	2.7	7
33	Association of EVI5 rs11808092, CD58 rs2300747, and CIITA rs3087456 polymorphisms with multiple sclerosis risk: A meta-analysis. <i>Meta Gene</i> , <b>2016</b> , 9, 97-103	0.7	7
32	The association between nonsteroidal anti-inflammatory drugs and skin cancer: Different responses in American and European populations. <i>Pharmacological Research</i> , <b>2020</b> , 152, 104499	10.2	7
31	Isobavachalcone exerts anti-proliferative and pro-apoptotic effects on human liver cancer cells by targeting the ERKs/RSK2 signaling pathway. <i>Oncology Reports</i> , <b>2019</b> , 41, 3355-3366	3.5	7
30	Implication of viral microRNAs in the genesis and diagnosis of Epstein-Barr virus-associated tumors. <i>Oncology Letters</i> , <b>2019</b> , 18, 3433-3442	2.6	6
29	HLA-DQB1 and HLA-DRB1 Variants Confer Susceptibility to Latent Autoimmune Diabetes in Adults: Relative Predispositional Effects among Allele Groups. <i>Genes</i> , <b>2019</b> , 10,	4.2	6
28	Tumor suppressor BLU promotes TRAIL-induced apoptosis by downregulating NF- $\kappa$ B signaling in nasopharyngeal carcinoma. <i>Oncotarget</i> , <b>2017</b> , 8, 43853-43865	3.3	6
27	Role of microRNA-33a in malignant cells. <i>Oncology Letters</i> , <b>2020</b> , 20, 2537-2556	2.6	6
26	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> , <b>2016</b> , 95, e4982	1.8	5
25	Bioinformatics Analysis of a Prognostic miRNA Signature and Potential Key Genes in Pancreatic Cancer. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 641289	5.3	5
24	Protein Kinase Inhibitors as Therapeutic Drugs in AML: Advances and Challenges. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 4303-4310	3.3	4
23	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> , <b>2012</b> , 80, 2275-86	4.2	4
22	Controlling for confounding factors and revealing their interactions in genetic association meta-analyses: a computing method and application for stratification analyses. <i>Oncotarget</i> , <b>2018</b> , 9, 12123-12136	3.3	4
21	Popular Computational Tools Used for miRNA Prediction and Their Future Development Prospects. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , <b>2020</b> , 12, 395-413	3.5	4
20	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> , <b>2015</b> , 8, 9990-10001	1.4	3
19	From Levinthal's Paradox to the Effects of Cell Environmental Perturbation on Protein Folding. <i>Current Medicinal Chemistry</i> , <b>2019</b> , 26, 7537-7554	4.3	3
18	MicroRNAs as biomarkers in leukemia. <i>Stem Cell Investigation</i> , <b>2014</b> , 1, 11	5.1	3

17	LncRNAs serve as novel biomarkers for diagnosis and prognosis of childhood ALL. <i>Biomarker Research</i> , <b>2021</b> , 9, 45	8	3
16	Evolutionary analysis and structural characterization of Aquilaria sinensis sesquiterpene synthase in agarwood formation: A computational study. <i>Journal of Theoretical Biology</i> , <b>2018</b> , 456, 249-260	2.3	2
15	New perspectives on multiple-copy, mean-field molecular dynamics methods. <i>Journal of Molecular Graphics and Modelling</i> , <b>2004</b> , 22, 349-57	2.8	2
14	Computer-Aided Molecular Design of Catalysts Based on Mechanism and Structure. <i>Journal of Chemical Information and Computer Sciences</i> , <b>1996</b> , 36, 1178-1182		2
13	A case study of scoring and rescoring in peptide docking. <i>Methods in Molecular Biology</i> , <b>2012</b> , 819, 269-93.4		2
12	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> , <b>2021</b> , 767, 145177	3.8	2
11	MAPK signaling pathway-targeted marine compounds in cancer therapy. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2021</b> , 147, 3-22	4.9	2
10	Tandem CuAAC/Ring Cleavage/[4 + 2] Annulation Reaction to Synthesize Dihydrooxazines and Conversion to 2-Aminopyrimidines.. <i>Organic Letters</i> , <b>2021</b> ,	6.2	2
9	Tumor suppressor p16INK4a inhibits cancer cell growth by downregulating eEF1A2 through a direct interaction. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 3796-3796	5.3	1
8	Incorporating Protein Flexibility in Molecular Docking by Molecular Dynamics: Applications to Protein Kinase and Phosphatase Systems <b>2011</b> , 219-249		1
7	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> , <b>2018</b> , 11, 158-168	1.4	1
6	In silico Methods for Identification of Potential Therapeutic Targets. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , <b>2021</b> , 1	3.5	1
5	Docetaxel increases the risk of severe infections in the treatment of non-small cell lung cancer: a meta-analysis. <i>Oncoscience</i> , <b>2018</b> , 5, 220-238	0.8	1
4	Molecular Identification and Phylogenetic Analysis of the Traditional Chinese Medicinal Plant Kochia scoparia Using ITS2 Barcoding. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , <b>2021</b> , 13, 128-139	3.5	0
3	Identification of a new TRAF6 inhibitor for the treatment of hepatocellular carcinoma. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 182, 910-920	7.9	0
2	Virtual Screening Based on Machine Learning Explores Mangrove Natural Products as KRASG12C Inhibitors. <i>Pharmaceuticals</i> , <b>2022</b> , 15, 584	5.2	0
1	Advanced stratification analyses in molecular association meta-analysis: methodology and application. <i>BMC Medical Research Methodology</i> , <b>2020</b> , 20, 147	4.7	