

# Wen Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1134681/publications.pdf>

Version: 2024-02-01

42  
papers

2,629  
citations

331538

21  
h-index

345118

36  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3408  
citing authors

#	ARTICLE	IF	CITATIONS
1	A computer-aided diagnosis system using white-light endoscopy for the prediction of conventional adenoma with high grade dysplasia. <i>Digestive and Liver Disease</i> , 2022, 54, 1202-1208.	0.4	3
2	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	13.7	929
3	Accurate measurement of colorectal polyps using computer-aided analysis. <i>European Journal of Gastroenterology and Hepatology</i> , 2021, 33, 701-708.	0.8	2
4	Single-nucleus transcriptome analysis of human brain immune response in patients with severe COVID-19. <i>Genome Medicine</i> , 2021, 13, 118.	3.6	81
5	Association between genes regulating neural pathways for quantitative traits of speech and language disorders. <i>Npj Genomic Medicine</i> , 2021, 6, 64.	1.7	7
6	Monotonicity, Convexity and Inequalities Involving the Generalized Elliptic Integrals. <i>Acta Mathematica Scientia</i> , 2019, 39, 1440-1450.	0.5	56
7	Molecular characterization of carbapenem-resistant <i>Klebsiella pneumoniae</i> isolates with focus on antimicrobial resistance. <i>BMC Genomics</i> , 2019, 20, 822.	1.2	46
8	Integrative transcriptome imputation reveals tissue-specific and shared biological mechanisms mediating susceptibility to complex traits. <i>Nature Communications</i> , 2019, 10, 3834.	5.8	68
9	237. Large-Scale Gene-Trait Association Study Identifies Novel Genes Across Multiple Traits. <i>Biological Psychiatry</i> , 2019, 85, S98.	0.7	0
10	Precise estimates for the solution of Ramanujan's generalized modular equation. <i>Ramanujan Journal</i> , 2019, 49, 653-668.	0.4	39
11	High accuracy asymptotic bounds for the complete elliptic integral of the second kind. <i>Applied Mathematics and Computation</i> , 2019, 348, 552-564.	1.4	51
12	Comments on "Pulmonary hypertension could be a risk for deep vein thrombus in lower extremities after joint replacement surgery". <i>Revista Da Associação Médica Brasileira</i> , 2019, 65, 951-951.	0.3	0
13	On approximating the arithmetic-geometric mean and complete elliptic integral of the first kind. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 462, 1714-1726.	0.5	79
14	A Bayesian framework for multiple trait colocalization from summary association statistics. <i>Bioinformatics</i> , 2018, 34, 2538-2545.	1.8	203
15	HEDD: Human Enhancer Disease Database. <i>Nucleic Acids Research</i> , 2018, 46, D113-D120.	6.5	47
16	Quadratic transformation inequalities for Gaussian hypergeometric function. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 251.	0.5	142
17	Optimal inequalities for bounding Toader mean by arithmetic and quadratic means. <i>Journal of Inequalities and Applications</i> , 2017, 2017, 26.	0.5	6
18	Transcriptomic dynamics of breast cancer progression in the MMTV-PyMT mouse model. <i>BMC Genomics</i> , 2017, 18, 185.	1.2	31

#	ARTICLE	IF	CITATIONS
19	Large-Scale Identification of Common Trait and Disease Variants Affecting Gene Expression. American Journal of Human Genetics, 2017, 100, 885-894.	2.6	91
20	Monotonicity rule for the quotient of two functions and its application. Journal of Inequalities and Applications, 2017, 2017, 106.	0.5	35
21	On rational bounds for the gamma function. Journal of Inequalities and Applications, 2017, 2017, 210.	0.5	57
22	Study Human Genetics & Relations with complex diseases. , 2017, 07, .		0
23	Monotonicity of the ratio for the complete elliptic integral and Stolarsky mean. Journal of Inequalities and Applications, 2016, 2016, .	0.5	18
24	Generalized Wilker-type inequalities with two parameters. Journal of Inequalities and Applications, 2016, 2016, .	0.5	10
25	Improvements of the bounds for Ramanujan constant function. Journal of Inequalities and Applications, 2016, 2016, .	0.5	5
26	Monotonicity of the incomplete gamma function with applications. Journal of Inequalities and Applications, 2016, 2016, .	0.5	3
27	Integrated Post-GWAS Analysis Sheds New Light on the Disease Mechanisms of Schizophrenia. Genetics, 2016, 204, 1587-1600.	1.2	41
28	Accurate approximations for the complete elliptic integral of the second kind. Journal of Mathematical Analysis and Applications, 2016, 438, 875-888.	0.5	17
29	Systems-level analysis of human aging genes shed new light on mechanisms of aging. Human Molecular Genetics, 2016, 25, ddw145.	1.4	31
30	MicroRNA expression and gene regulation drive breast cancer progression and metastasis in PyMT mice. Breast Cancer Research, 2016, 18, 75.	2.2	14
31	Monotonicity and inequalities involving the incomplete gamma function. Journal of Inequalities and Applications, 2016, 2016, .	0.5	3
32	Prioritization of Schizophrenia Risk Genes by a Network-Regularized Logistic Regression Method. Lecture Notes in Computer Science, 2016, , 434-445.	1.0	1
33	From Gene Expression to Disease Phenotypes: Network-Based Approaches to Study Complex Human Diseases. Translational Bioinformatics, 2016, , 115-140.	0.0	0
34	Abstract 175: Transcriptomic and epigenetic dynamics of breast cancer progression in the MMTV-PyMT mouse model. , 2016, , .		0
35	Targeting the Biophysical Properties of the Myeloma Initiating Cell Niches: A Pharmaceutical Synergism Analysis Using Multi-Scale Agent-Based Modeling. PLoS ONE, 2014, 9, e85059.	1.1	26
36	Molecular pathway identification using biological network-regularized logistic models. BMC Genomics, 2013, 14, S7.	1.2	102

#	ARTICLE	IF	CITATIONS
37	Modeling the Biomechanical Roles of Cancer Stem Cell Niche in Myeloma Development. Biophysical Journal, 2012, 102, 731a.	0.2	0
38	An Efficient Chebyshev Algorithm for the Solution of Optimal Control Problems. IEEE Transactions on Automatic Control, 2011, 56, 675-680.	3.6	15
39	Chebyshev-Legendre method for discretizing optimal control problems. Journal of Shanghai University, 2009, 13, 113-118.	0.1	8
40	The Chebyshev-Legendre collocation method for a class of optimal control problems. International Journal of Computer Mathematics, 2008, 85, 225-240.	1.0	19
41	$\beta_3$ -Integrin-Deficient Mice but Not P-Selectin-Deficient Mice Develop Intimal Hyperplasia After Vascular Injury. Circulation, 2001, 103, 2501-2507.	1.6	140
42	Tumor Necrosis Factor Alpha Inhibits Type I Collagen Synthesis through Repressive CCAAT/Enhancer-Binding Proteins. Molecular and Cellular Biology, 2000, 20, 912-918.	1.1	153