Wen Zhang

List of Publications by Year
in descending order

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	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. Nature, 2022, 604, 502-508.	13.7	929
2	A Bayesian framework for multiple trait colocalization from summary association statistics. Bioinformatics, 2018, 34, 2538-2545.	1.8	203
3	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
4	Quadratic transformation inequalities for Gaussian hypergeometric function. Journal of Inequalities and Applications, 2018, 2018, 251.	0.5	142
5	β_3-Integrin–Deficient Mice but Not P-Selectin–Deficient Mice Develop Intimal Hyperplasia After Vascular Injury. Circulation, 2001, 103, 2501-2507.	1.6	140
6	Molecular pathway identification using biological network-regularized logistic models. BMC Genomics, 2013, 14, S7.	1.2	102
7	Large-Scale Identification of Common Trait and Disease Variants Affecting Gene Expression. American Journal of Human Genetics, 2017, 100, 885-894.	2.6	91
8	Single-nucleus transcriptome analysis of human brain immune response in patients with severe COVID-19. Genome Medicine, 2021, 13, 118.	3.6	81
9	On approximating the arithmetic-geometric mean and complete elliptic integral of the first kind. Journal of Mathematical Analysis and Applications, 2018, 462, 1714-1726.	0.5	79
10	Integrative transcriptome imputation reveals tissue-specific and shared biological mechanisms mediating susceptibility to complex traits. Nature Communications, 2019, 10, 3834.	5.8	68
11	On rational bounds for the gamma function. Journal of Inequalities and Applications, 2017, 2017, 210.	0.5	57
12	Monotonicity, Convexity and Inequalities Involving the Generalized Elliptic Integrals. Acta Mathematica Scientia, 2019, 39, 1440-1450.	0.5	56
13	High accuracy asymptotic bounds for the complete elliptic integral of the second kind. Applied Mathematics and Computation, 2019, 348, 552-564.	1.4	51
14	HEDD: Human Enhancer Disease Database. Nucleic Acids Research, 2018, 46, D113-D120.	6.5	47
15	Molecular characterization of carbapenem-resistant Klebsiella pneumoniae isolates with focus on antimicrobial resistance. BMC Genomics, 2019, 20, 822.	1.2	46
16	Integrated Post-GWAS Analysis Sheds New Light on the Disease Mechanisms of Schizophrenia. Genetics, 2016, 204, 1587-1600.	1.2	41
17	Precise estimates for the solution of Ramanujan's generalized modular equation. Ramanujan Journal, 2019, 49, 653-668.	0.4	39
18	Monotonicity rule for the quotient of two functions and its application. Journal of Inequalities and Applications, 2017, 2017, 106.	0.5	35

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19	Systems-level analysis of human aging genes shed new light on mechanisms of aging. Human Molecular Genetics, 2016, 25, ddw145.	1.4	31
20	Transcriptomic dynamics of breast cancer progression in the MMTV-PyMT mouse model. BMC Genomics, 2017, 18, 185.	1.2	31
21	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
22	The Chebyshev–Legendre collocation method for a class of optimal control problems. International Journal of Computer Mathematics, 2008, 85, 225-240.	1.0	19
23	Monotonicity of the ratio for the complete elliptic integral and Stolarsky mean. Journal of Inequalities and Applications, 2016, 2016, .	0.5	18
24	Accurate approximations for the complete elliptic integral of the second kind. Journal of Mathematical Analysis and Applications, 2016, 438, 875-888.	0.5	17
25	An Efficient Chebyshev Algorithm for the Solution of Optimal Control Problems. IEEE Transactions on Automatic Control, 2011, 56, 675-680.	3.6	15
26	MicroRNA expression and gene regulation drive breast cancer progression and metastasis in PyMT mice. Breast Cancer Research, 2016, 18, 75.	2.2	14
27	Generalized Wilker-type inequalities with two parameters. Journal of Inequalities and Applications, 2016, 2016, .	0.5	10
28	Chebyshev-Legendre method for discretizing optimal control problems. Journal of Shanghai University, 2009, 13, 113-118.	0.1	8
29	Association between genes regulating neural pathways for quantitative traits of speech and language disorders. Npj Genomic Medicine, 2021, 6, 64.	1.7	7
30	Optimal inequalities for bounding Toader mean by arithmetic and quadratic means. Journal of Inequalities and Applications, 2017, 2017, 26.	0.5	6
31	Improvements of the bounds for Ramanujan constant function. Journal of Inequalities and Applications, 2016, 2016, .	0.5	5
32	Monotonicity of the incomplete gamma function with applications. Journal of Inequalities and Applications, 2016, 2016, .	0.5	3
33	Monotonicity and inequalities involving the incomplete gamma function. Journal of Inequalities and Applications, 2016, 2016, .	0.5	3
34	A computer-aided diagnosis system using white-light endoscopy for the prediction of conventional adenoma with high grade dysplasia. Digestive and Liver Disease, 2022, 54, 1202-1208.	0.4	3
35	Accurate measurement of colorectal polyps using computer-aided analysis. European Journal of Gastroenterology and Hepatology, 2021, 33, 701-708.	0.8	2
36	Prioritization of Schizophrenia Risk Genes by a Network-Regularized Logistic Regression Method. Lecture Notes in Computer Science, 2016, , 434-445.	1.0	1

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37	Modeling the Biomechanical Roles of Cancer Stem Cell Niche in Myeloma Development. Biophysical Journal, 2012, 102, 731a.	0.2	0
38	237. Large-Scale Gene-Trait Association Study IdentifiesÂNovel Genes Across Multiple Traits. Biological Psychiatry, 2019, 85, S98.	0.7	0
39	From Gene Expression to Disease Phenotypes: Network-Based Approaches to Study Complex Human Diseases. Translational Bioinformatics, 2016, , 115-140.	0.0	0
40	Abstract 175: Transcriptomic and epigenetic dynamics of breast cancer progression in the MMTV-PyMT mouse model. , 2016, , .		0
41	Study Human Genetics & Relations with complex diseases. , 2017, 07, .		0
42	Comments on â€˜Pulmonary hypertension could be a risk for deep vein thrombus in lower extremities after joint replacement surgeryâ€™. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2019, 65, 951-951.	0.3	0