

Yi Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,717
citations

257450

24
h-index

206112

48
g-index

86
all docs

86
docs citations

86
times ranked

4537
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome sequence and genetic diversity of the common carp, <i>Cyprinus carpio</i> . <i>Nature Genetics</i> , 2014, 46, 1212-1219.	21.4	576
2	Loci associated with skin pigmentation identified in African populations. <i>Science</i> , 2017, 358, .	12.6	260
3	Overexpression of Sirt7 Exhibits Oncogenic Property and Serves as a Prognostic Factor in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 3434-3445.	7.0	113
4	Leptin Deficiency Shifts Mast Cells toward Anti-Inflammatory Actions and Protects Mice from Obesity and Diabetes by Polarizing M2 Macrophages. <i>Cell Metabolism</i> , 2015, 22, 1045-1058.	16.2	107
5	ATG5-mediated autophagy suppresses NF- κ B signaling to limit epithelial inflammatory response to kidney injury. <i>Cell Death and Disease</i> , 2019, 10, 253.	6.3	105
6	VCAM-1+ macrophages guide the homing of HSPCs to a vascular niche. <i>Nature</i> , 2018, 564, 119-124.	27.8	102
7	Effects of Maternal and Fetal Characteristics on Cell-Free Fetal DNA Fraction in Maternal Plasma. <i>Reproductive Sciences</i> , 2015, 22, 1429-1435.	2.5	85
8	Automatic seizure detection using three-dimensional CNN based on multi-channel EEG. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 111.	3.0	84
9	Drp1-mediated mitochondrial fission promotes renal fibroblast activation and fibrogenesis. <i>Cell Death and Disease</i> , 2020, 11, 29.	6.3	73
10	Early prediction of epileptic seizures using a long-term recurrent convolutional network. <i>Journal of Neuroscience Methods</i> , 2019, 327, 108395.	2.5	69
11	HSP72 Inhibits Smad3 Activation and Nuclear Translocation in Renal Epithelial-to-Mesenchymal Transition. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 598-609.	6.1	60
12	Construction of rules for seizure prediction based on approximate entropy. <i>Clinical Neurophysiology</i> , 2014, 125, 1959-1966.	1.5	54
13	Regulatory T cells in human and angiotensin II-induced mouse abdominal aortic aneurysms. <i>Cardiovascular Research</i> , 2015, 107, 98-107.	3.8	47
14	Spatial distribution and determinants of PM2.5 in China's cities: fresh evidence from IDW and GWR. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 15.	2.7	41
15	DNA methyltransferase 1 functions through C/ebpa to maintain hematopoietic stem and progenitor cells in zebrafish. <i>Journal of Hematology and Oncology</i> , 2015, 8, 15.	17.0	40
16	Characteristics of A20 gene polymorphisms and clinical significance in patients with rheumatoid arthritis. <i>Journal of Translational Medicine</i> , 2015, 13, 215.	4.4	36
17	Pretreatment effects on the sorption of Cr(VI) onto surfactant-modified zeolite: Mechanism analysis. <i>Journal of Environmental Management</i> , 2015, 162, 96-101.	7.8	36
18	Prediction of air quality in Shenzhen based on neural network algorithm. <i>Neural Computing and Applications</i> , 2020, 32, 1879-1892.	5.6	34

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19	RNA helicase, DDX27 regulates skeletal muscle growth and regeneration by modulation of translational processes. <i>PLoS Genetics</i> , 2018, 14, e1007226.	3.5	34
20	A hybrid method of recurrent neural network and graph neural network for next-period prescription prediction. <i>International Journal of Machine Learning and Cybernetics</i> , 2020, 11, 2849-2856.	3.6	32
21	Application of chromosomal microarray analysis in prenatal diagnosis of fetal growth restriction. <i>Prenatal Diagnosis</i> , 2016, 36, 686-692.	2.3	31
22	Fetal right aortic arch: associated anomalies, genetic anomalies with chromosomal microarray analysis, and postnatal outcome. <i>Prenatal Diagnosis</i> , 2017, 37, 329-335.	2.3	31
23	Mutation of <i>kri1l</i> causes definitive hematopoiesis failure via PERK-dependent excessive autophagy induction. <i>Cell Research</i> , 2015, 25, 946-962.	12.0	30
24	Differential Roles of Cysteinyl Cathepsins in TGF- β 2 Signaling and Tissue Fibrosis. <i>IScience</i> , 2019, 19, 607-622.	4.1	30
25	Early Diagnosed Gestational Diabetes Mellitus Is Associated With Adverse Pregnancy Outcomes: A Prospective Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4264-e4274.	3.6	27
26	Retinal blood vessel segmentation based on Densely Connected U-Net. <i>Mathematical Biosciences and Engineering</i> , 2020, 17, 3088-3108.	1.9	26
27	Early Diagnosis of Gestational Diabetes Mellitus (EDoGDM) study: a protocol for a prospective, longitudinal cohort study. <i>BMJ Open</i> , 2016, 6, e012315.	1.9	25
28	The genetic map of goldfish (<i>Carassius auratus</i>) provided insights to the divergent genome evolutions in the Cyprinidae family. <i>Scientific Reports</i> , 2016, 6, 34849.	3.3	25
29	Development and validation of a prognostic model predicting symptomatic hemorrhagic transformation in acute ischemic stroke at scale in the OHDSI network. <i>PLoS ONE</i> , 2020, 15, e0226718.	2.5	25
30	Improved assay performance of single nucleotide polymorphism array over conventional karyotyping in analyzing products of conception. <i>Journal of the Chinese Medical Association</i> , 2015, 78, 408-413.	1.4	23
31	TopBP1 Governs Hematopoietic Stem/Progenitor Cells Survival in Zebrafish Definitive Hematopoiesis. <i>PLoS Genetics</i> , 2015, 11, e1005346.	3.5	21
32	Cathepsin K Deficiency Ameliorates Systemic Lupus Erythematosus-like Manifestations in <i>FasLpr</i> Mice. <i>Journal of Immunology</i> , 2017, 198, 1846-1854.	0.8	21
33	A Bibliometric Review of Natural Language Processing Empowered Mobile Computing. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-21.	1.2	21
34	A study of entity-linking methods for normalizing Chinese diagnosis and procedure terms to ICD codes. <i>Journal of Biomedical Informatics</i> , 2020, 105, 103418.	4.3	21
35	Chromosomal and subchromosomal anomalies associated to small for gestational age fetuses with no additional structural anomalies. <i>Prenatal Diagnosis</i> , 2017, 37, 1219-1224.	2.3	18
36	CHD7 and Runx1 interaction provides a braking mechanism for hematopoietic differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23626-23635.	7.1	18

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37	Impulse noise removal by a nonmonotone adaptive gradient method. <i>Signal Processing</i> , 2010, 90, 2891-2897.	3.7	17
38	An adaptive gradient method for computing generalized tensor eigenpairs. <i>Computational Optimization and Applications</i> , 2016, 65, 781-797.	1.6	17
39	Intrauterine phenotypic features associated with 16p11.2 recurrent microdeletions. <i>Prenatal Diagnosis</i> , 2018, 38, 381-389.	2.3	17
40	Epileptic foci localization based on mapping the synchronization of dynamic brain network. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 19.	3.0	15
41	Approximate entropy and support vector machines for electroencephalogram signal classification. <i>Neural Regeneration Research</i> , 2013, 8, 1844-52.	3.0	15
42	Micro/nano topography of selective laser melting titanium inhibits osteoclastogenesis via mediation of macrophage polarization. <i>Biochemical and Biophysical Research Communications</i> , 2021, 581, 53-59.	2.1	14
43	MCDA twins with discordant malformations: submicroscopic chromosomal anomalies detected by chromosomal microarray analysis and clinical outcomes. <i>Prenatal Diagnosis</i> , 2016, 36, 766-774.	2.3	13
44	CD74 Deficiency Mitigates Systemic Lupus Erythematosus-like Autoimmunity and Pathological Findings in Mice. <i>Journal of Immunology</i> , 2017, 198, 2568-2577.	0.8	13
45	Early Prediction of Epileptic Seizure Based on the BNLSTM-CASA Model. <i>IEEE Access</i> , 2021, 9, 79600-79610.	4.2	13
46	Heat Shock Protein 72 Antagonizes STAT3 Signaling to Inhibit Fibroblast Accumulation in Renal Fibrogenesis. <i>American Journal of Pathology</i> , 2016, 186, 816-828.	3.8	12
47	Correlation of MCT1 and ABCC2 gene polymorphisms with valproic acid resistance in patients with epilepsy on valproic acid monotherapy. <i>Drug Metabolism and Pharmacokinetics</i> , 2019, 34, 165-171.	2.2	12
48	Transduction in <i>Drosophila</i> olfactory receptor neurons is invariant to air speed. <i>Journal of Neurophysiology</i> , 2012, 108, 2051-2059.	1.8	11
49	Toward a normalized clinical drug knowledge base in China—applying the RxNorm model to Chinese clinical drugs. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 809-818.	4.4	11
50	Can therapeutic drug monitoring increase the safety of Imatinib in GIST patients?. <i>Cancer Medicine</i> , 2018, 7, 317-324.	2.8	11
51	The relationship between amniotic fluid miRNAs and congenital obstructive nephropathy. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 1754-1763.	0.0	11
52	Is an analysis of copy number variants necessary for various types of kidney ultrasound anomalies in fetuses?. <i>Molecular Cytogenetics</i> , 2019, 12, 31.	0.9	10
53	Research on epileptic EEG recognition based on improved residual networks of 1-D CNN and indRNN. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 100.	3.0	9
54	Elevated Serum Trimethylamine N-Oxide Levels Are Associated with Mortality in Male Patients on Peritoneal Dialysis. <i>Blood Purification</i> , 2021, 50, 837-847.	1.8	9

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55	CRITERION OF CHAOS FOR SWITCHED LINEAR SYSTEMS WITH CONTROLLERS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 4103-4109.	1.7	8
56	A nonmonotone adaptive projected gradient method for primal-dual total variation image restoration. Signal Processing, 2014, 103, 242-249.	3.7	8
57	Transcriptome Dynamics of Hematopoietic Stem Cell Formation Revealed Using a Combinatorial Runx1 and Ly6a Reporter System. Stem Cell Reports, 2020, 14, 956-971.	4.8	8
58	Identification of Padi2 as a novel angiogenesis-regulating gene by genome association studies in mice. PLoS Genetics, 2017, 13, e1006848.	3.5	8
59	Application of approximate entropy on dynamic characteristics of epileptic absence seizure. Neural Regeneration Research, 2012, 7, 572-7.	3.0	7
60	MicroRNA expression profiling of nicotine-treated human periodontal ligament cells. Journal of Oral Science, 2019, 61, 206-212.	1.7	6
61	Identification of Basp1 as a novel angiogenesis-regulating gene by multi-model system studies. FASEB Journal, 2021, 35, e21404.	0.5	6
62	Multi-label classification of fundus images based on graph convolutional network. BMC Medical Informatics and Decision Making, 2021, 21, 82.	3.0	6
63	Selective and competitive functions of the AAR and UPR pathways in stress-induced angiogenesis. Cell Discovery, 2021, 7, 98.	6.7	6
64	Compound Heterozygosity for Novel Truncating Variants in the LMOD3 Gene as the Cause of Polyhydramnios in Two Successive Fetuses. Frontiers in Genetics, 2019, 10, 835.	2.3	5
65	Spatiotemporal evolution of epileptic seizure based on mutual information and dynamic brain network. BMC Medical Informatics and Decision Making, 2021, 21, 80.	3.0	5
66	Single-cell transcriptome and cell-specific network analysis reveal the reparative effect of neurotrophin-4 in preantral follicles grown in vitro. Reproductive Biology and Endocrinology, 2021, 19, 133.	3.3	5
67	Acetylation of HMGB1 by JNK1 Signaling Promotes LPS-Induced Peritoneal Mesothelial Cells Apoptosis. BioMed Research International, 2018, 2018, 1-12.	1.9	4
68	Improving deep learning method for biomedical named entity recognition by using entity definition information. BMC Bioinformatics, 2021, 22, 600.	2.6	4
69	A Large-Scale, Stratified Genetic Analysis of the Major Histocompatibility Complex Region in Early- and Late-Onset Psoriasis in China. Annals of Dermatology, 2021, 33, 61.	0.9	3
70	Mortality prediction using clinical and laboratory features in elderly patients with severe community-acquired pneumonia. Annals of Palliative Medicine, 2021, 10, 10913-10921.	1.2	3
71	Rapid fluctuation for topological dynamical systems. Frontiers of Mathematics in China, 2009, 4, 483-494.	0.7	2
72	Localization of epileptic foci based on scalp EEG and approximate entropy. , 2013, , .		2

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73	Analysis of Neural Oscillations on <i>Drosophila</i> 's Subesophageal Ganglion Based on Approximate Entropy. <i>Entropy</i> , 2015, 17, 6854-6871.	2.2	2
74	Case Report: Low-Level Maternal Mosaicism of a Novel CREBBP Variant Causes Recurrent Rubinstein-Taybi Syndrome in Two Siblings of a Chinese Family. <i>Frontiers in Genetics</i> , 2021, 12, 640992.	2.3	2
75	Tpr Deficiency Disrupts Erythroid Maturation With Impaired Chromatin Condensation in Zebrafish Embryogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 709923.	3.7	2
76	Development: For cloche the Bell Tolls. <i>Current Biology</i> , 2016, 26, R890-R892.	3.9	1
77	A Methodical Approach to Epileptic Classification with Multi-Scale Patterns. , 2018, , .		1
78	Towards Automated Knowledge Discovery of Hepatocellular Carcinoma. , 2018, , .		1
79	Cooperative service model innovation and pilot application in the prevention and control on diabetic retinopathy with web-movable hand-held fundus camera in regional health and medicine of digitization. , 2015, , .		0
80	Clinical and molecular cytogenetic studies of an unrecognised 22q11.2 deletion in three families. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 823-828.	1.8	0
81	The design and implementation of the privacy protection system of a Regional Health Information Platform. , 2016, , .		0
82	Mosaic duplication of 8q24.1q24.3 detected by chromosomal microarray but not karyotyping in two unrelated fetuses with cardiac defects. <i>Molecular Cytogenetics</i> , 2021, 14, 26.	0.9	0
83	atpif1 regulates Mitochondrial Heme Synthesis In Developing Erythroid Cells. <i>Blood</i> , 2010, 116, 163-163.	1.4	0