

# Chi Zhang

## List of Publications by Year in descending order

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155  
papers

4,204  
citations

101384

36  
h-index

168136

53  
g-index

173  
all docs

173  
docs citations

173  
times ranked

6633  
citing authors

#	ARTICLE	IF	CITATIONS
1	BMSCs and Osteoblast-Engineered ECM Synergetically Promotes Osteogenesis and Angiogenesis in an Ectopic Bone Formation Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 818191.	2.0	7
2	The complete chloroplast genome of <i>Caroxylon passerinum</i> (Chenopodiaceae), an annual desert plant. <i>Mitochondrial DNA Part B: Resources</i> , 2022, 7, 426-427.	0.2	0
3	RelA Is an Essential Target for Enhancing Cellular Responses to the DNA Repair/Ref-1 Redox Signaling Protein and Restoring Perturbed Cellular Redox Homeostasis in Mouse PDAC Cells. <i>Frontiers in Oncology</i> , 2022, 12, 826617.	1.3	5
4	<sc>SCI</sc>: A Bayesian adaptive phase I/II dose-finding design accounting for <sc>semi</sc>-competing risks outcomes for immunotherapy trials. <i>Pharmaceutical Statistics</i> , 2022, 21, 960-973.	0.7	5
5	PLUS: Predicting cancer metastasis potential based on positive and unlabeled learning. <i>PLoS Computational Biology</i> , 2022, 18, e1009956.	1.5	9
6	Inhibition of BTK and PI3K $\hat{\gamma}$ impairs the development of human JMML stem and progenitor cells. <i>Molecular Therapy</i> , 2022, 30, 2505-2521.	3.7	2
7	Maladaptation after a virus host switch leads to increased activation of the pro-inflammatory NF- $\hat{\gamma}$ B pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2115354119.	3.3	9
8	Provable Second-Order Riemannian Gauss-Newton Method for Low-Rank Tensor Estimation <sup>â€–</sup>. , 2022, , .		0
9	Physioxia-induced downregulation of <i>Tet2</i> in hematopoietic stem cells contributes to enhanced self-renewal. <i>Blood</i> , 2022, 140, 1263-1277.	0.6	8
10	Response to â€–Letter to the Editor: on the stability and internal consistency of component-wise sparse mixture regression based clusteringâ€™, Zhang <i>et Al.</i> . <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	1
11	Acid-base homeostasis and implications to the phenotypic behaviors of cancer. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, , .	3.0	3
12	SSMD: a semi-supervised approach for a robust cell type identification and deconvolution of mouse transcriptomics data. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	3
13	Supervised clustering of high-dimensional data using regularized mixture modeling. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	5
14	A Bayesian adaptive phase I/II clinical trial design with late-onset competing risk outcomes. <i>Biometrics</i> , 2021, 77, 796-808.	0.8	15
15	Methylomic Signatures of High Grade Serous Ovarian Cancer. <i>Epigenetics</i> , 2021, 16, 1201-1216.	1.3	14
16	<sc>TSNP</sc>: A <sc>two</sc>-stage nonparametric phase I/II clinical trial design for immunotherapy. <i>Pharmaceutical Statistics</i> , 2021, 20, 282-296.	0.7	5
17	Co-delivery of EGFR and BRD4 siRNA by cell-penetrating peptides-modified redox-responsive complex in triple negative breast cancer cells. <i>Life Sciences</i> , 2021, 266, 118886.	2.0	28
18	Hyperglycemia cooperates with Tet2 heterozygosity to induce leukemia driven by proinflammatory cytokine-induced lncRNA Morrbid. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	18

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19	MAL2 drives immune evasion in breast cancer by suppressing tumor antigen presentation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	63
20	Cabozantinib for neurofibromatosis type 1-related plexiform neurofibromas: a phase 2 trial. <i>Nature Medicine</i> , 2021, 27, 165-173.	15.2	46
21	IRIS-FGM: an integrative single-cell RNA-Seq interpretation system for functional gene module analysis. <i>Bioinformatics</i> , 2021, 37, 3045-3047.	1.8	3
22	Deubiquitinase UCHL1 Maintains Protein Homeostasis through the PSMA7-APEH-Proteasome Axis in High-grade Serous Ovarian Carcinoma. <i>Molecular Cancer Research</i> , 2021, 19, 1168-1181.	1.5	11
23	Platelet-fibrin clot strength measured by thromboelastography could predict hypercoagulability and antiplatelet effects in patients after percutaneous coronary intervention. <i>Annals of Palliative Medicine</i> , 2021, 10, 2448-2457.	0.5	2
24	Effectiveness and Safety of Under or Over-dosing of Direct Oral Anticoagulants in Atrial Fibrillation: A Systematic Review and Meta-analysis of 148909 Patients From 10 Real-World Studies. <i>Frontiers in Pharmacology</i> , 2021, 12, 645479.	1.6	9
25	Exploring transcriptional regulators Ref-1 and STAT3 as therapeutic targets in malignant peripheral nerve sheath tumours. <i>British Journal of Cancer</i> , 2021, 124, 1566-1580.	2.9	12
26	BATF Regulates T Regulatory Cell Functional Specification and Fitness of Triglyceride Metabolism in Restraining Allergic Responses. <i>Journal of Immunology</i> , 2021, 206, 2088-2100.	0.4	11
27	Attractylenolide I enhances responsiveness to immune checkpoint blockade therapy by activating tumor antigen presentation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	83
28	Rationale and design of a prospective, multicenter, cross-sectional study of appropriateness evaluation of the prescription of non-vitamin K antagonist oral anticoagulants for Chinese atrial fibrillation patients (Chi-NOACs-AF trial). <i>Annals of Translational Medicine</i> , 2021, 9, 580-580.	0.7	2
29	Benefits and Harms of Low-Dose Rivaroxaban in Asian Patients With Atrial Fibrillation: A Systematic Review and Meta-analysis of Real-World Studies. <i>Frontiers in Pharmacology</i> , 2021, 12, 642907.	1.6	7
30	Real-World Prevalence of Direct Oral Anticoagulant Off-Label Doses in Atrial Fibrillation: An Epidemiological Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2021, 12, 581293.	1.6	31
31	Integration of spatial and single-cell transcriptomics localizes epithelial cell-immune cross-talk in kidney injury. <i>JCI Insight</i> , 2021, 6, .	2.3	83
32	Cost-Effectiveness Analysis of Direct Oral Anticoagulants Vs. Vitamin K Antagonists in the Elderly With Atrial Fibrillation: Insights From the Evidence in a Real-World Setting. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 675200.	1.1	14
33	Physician-Pharmacist Collaborative Clinic Model to Improve Anticoagulation Quality in Atrial Fibrillation Patients Receiving Warfarin: An Analysis of Time in Therapeutic Range and a Nomogram Development. <i>Frontiers in Pharmacology</i> , 2021, 12, 673302.	1.6	5
34	A graph neural network model to estimate cell-wise metabolic flux using single-cell RNA-seq data. <i>Genome Research</i> , 2021, 31, 1867-1884.	2.4	60
35	Ref-1 redox activity alters cancer cell metabolism in pancreatic cancer: exploiting this novel finding as a potential target. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 251.	3.5	23
36	Inhibition of microRNA turns back the CLOCK of hair follicle aging. <i>Nature Aging</i> , 2021, 1, 753-754.	5.3	2

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37	Escape of hair follicle stem cells causes stem cell exhaustion during aging. <i>Nature Aging</i> , 2021, 1, 889-903.	5.3	31
38	Perceptions and knowledge gaps on CHA2DS2-VASc score components: a joint survey of Chinese clinicians and clinical pharmacists. <i>Postgraduate Medicine</i> , 2021, , 1-14.	0.9	2
39	A human-blood-derived microRNA facilitates flavivirus infection in fed mosquitoes. <i>Cell Reports</i> , 2021, 37, 110091.	2.9	13
40	Spatially and Robustly Hybrid Mixture Regression Model for Inference of Spatial Dependence. , 2021, , .		0
41	IsoTree: A New Framework for de novo Transcriptome Assembly from RNA-seq Reads. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2020, 17, 938-948.	1.9	4
42	Sestrin 3 Protects Against Diet-Induced Nonalcoholic Steatohepatitis in Mice Through Suppression of Transforming Growth Factor $\beta$ 2 Signal Transduction. <i>Hepatology</i> , 2020, 71, 76-92.	3.6	44
43	Risk of Major Gastrointestinal Bleeding With New vs Conventional Oral Anticoagulants: A Systematic Review and Meta-analysis. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 792-799.e61.	2.4	54
44	QUBIC2: a novel and robust biclustering algorithm for analyses and interpretation of large-scale RNA-Seq data. <i>Bioinformatics</i> , 2020, 36, 1143-1149.	1.8	46
45	MicroRNA expression signatures of atrial fibrillation: The critical systematic review and bioinformatics analysis. <i>Experimental Biology and Medicine</i> , 2020, 245, 42-53.	1.1	22
46	Net Clinical Benefit of Direct Oral Anticoagulants in Patients With Cancer and Venous Thromboembolism: A Systematic Review and Trade-Off Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 586020.	1.1	5
47	A fatal myelosuppression, diarrhea and neurotoxicity induced by combination of irinotecan and tegafur-gimeracil-oteracil potassium in the treatment of colon cancer: a case report. <i>Translational Cancer Research</i> , 2020, 9, 382-387.	0.4	4
48	Targeting Bim via a lncRNA Morrbid Regulates the Survival of Preleukemic and Leukemic Cells. <i>Cell Reports</i> , 2020, 31, 107816.	2.9	15
49	Role of lncRNA Morrbid in PTPN11(Shp2)E76K-driven juvenile myelomonocytic leukemia. <i>Blood Advances</i> , 2020, 4, 3246-3251.	2.5	26
50	Retinal Ganglion Cells With a Glaucoma OPTN(E50K) Mutation Exhibit Neurodegenerative Phenotypes when Derived from Three-Dimensional Retinal Organoids. <i>Stem Cell Reports</i> , 2020, 15, 52-66.	2.3	54
51	<i>Nf1</i> -Mutant Tumors Undergo Transcriptome and Kinome Remodeling after Inhibition of either mTOR or MEK. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2382-2395.	1.9	3
52	Incidence of myocardial injury in coronavirus disease 2019 (COVID-19): a pooled analysis of 7,679 patients from 53 studies. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 667-677.	0.7	15
53	Incidence of Venous Thromboembolism in Hospitalized Coronavirus Disease 2019 Patients: A Systematic Review and Meta-Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 151.	1.1	39
54	Direct Oral Anticoagulants vs. Vitamin-K Antagonists in the Elderly With Atrial Fibrillation: A Systematic Review Comparing Benefits and Harms Between Observational Studies and Randomized Controlled Trials. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 132.	1.1	13

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55	Modulation of Immune Infiltration of Ovarian Cancer Tumor Microenvironment by Specific Subpopulations of Fibroblasts. <i>Cancers</i> , 2020, 12, 3184.	1.7	13
56	Net clinical benefit of antithrombotic therapy in patients with heart failure and sinus rhythm: A network meta-analysis from 5 clinical trials. <i>Thrombosis Research</i> , 2020, 190, 122-128.	0.8	2
57	IRIS3: integrated cell-type-specific regulon inference server from single-cell RNA-Seq. <i>Nucleic Acids Research</i> , 2020, 48, W275-W286.	6.5	35
58	Genetic disruption of the small GTPase RAC1 prevents plexiform neurofibroma formation in mice with neurofibromatosis type 17. <i>Journal of Biological Chemistry</i> , 2020, 295, 9948-9958.	1.6	7
59	The Successful Rapid Adjustment of Blood Glucose in a Patient With Acute Coronary Syndrome, Renal Insufficiency, and Diabetes: A Case Report of Management Coordinated by Clinical Pharmacists and Clinicians. <i>Frontiers in Pharmacology</i> , 2020, 11, 756.	1.6	5
60	Direct versus conventional anticoagulants for treatment of cancer associated thrombosis: a pooled and interaction analysis between observational studies and randomized clinical trials. <i>Annals of Translational Medicine</i> , 2020, 8, 95-95.	0.7	12
61	Selumetinib in Children with Inoperable Plexiform Neurofibromas. <i>New England Journal of Medicine</i> , 2020, 382, 1430-1442.	13.9	360
62	The International Conference on Intelligent Biology and Medicine 2019: computational methods for drug interactions. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 51.	1.5	1
63	Single-cell transcriptome and antigen-immunoglobulin analysis reveals the diversity of B cells in non-small cell lung cancer. <i>Genome Biology</i> , 2020, 21, 152.	3.8	106
64	Comparison of effectiveness and safety of direct oral anticoagulants versus vitamin-k antagonists in elderly patients with atrial fibrillation: a systematic review and cost-effectiveness analysis protocol. <i>Annals of Translational Medicine</i> , 2020, 8, 391-391.	0.7	4
65	The International Conference on Intelligent Biology and Medicine 2019 (ICIBM 2019): computational methods and applications in medical genomics. <i>BMC Medical Genomics</i> , 2020, 13, 47.	0.7	1
66	<i>Gen1</i> mutation caused kidney hypoplasia and defective ureter-bladder connections in mice. <i>International Journal of Biological Sciences</i> , 2020, 16, 1640-1647.	2.6	7
67	Innovating Computational Biology and Intelligent Medicine: ICIBM 2019 Special Issue. <i>Genes</i> , 2020, 11, 437.	1.0	0
68	Deep learning-based cancer survival prognosis from RNA-seq data: approaches and evaluations. <i>BMC Medical Genomics</i> , 2020, 13, 41.	0.7	55
69	Anticoagulation Quality of Warfarin and the Role of Physicianâ€“Pharmacist Collaborative Clinics in the Treatment of Patients Receiving Warfarin: A Retrospective, Observational, Single-Center Study. <i>Frontiers in Pharmacology</i> , 2020, 11, 605353.	1.6	6
70	ST2 as checkpoint target for colorectal cancer immunotherapy. <i>JCI Insight</i> , 2020, 5, .	2.3	29
71	A data denoising approach to optimize functional clustering of single cell RNA-sequencing data. , 2020, , .		0
72	Hyperglycemia Cooperates with Tet2 Heterozygosity to Induce Leukemia Driven By Pro-Inflammatory Cytokine Induced Lncrna Morrbid. <i>Blood</i> , 2020, 136, 30-30.	0.6	0

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73	Prediction of regulatory motifs from human Chip-sequencing data using a deep learning framework. <i>Nucleic Acids Research</i> , 2019, 47, 7809-7824.	6.5	47
74	Inhibition of APE1-endonuclease activity affects cell metabolism in colon cancer cells via a p53-dependent pathway. <i>DNA Repair</i> , 2019, 82, 102675.	1.3	31
75	LTMG: a novel statistical modeling of transcriptional expression states in single-cell RNA-Seq data. <i>Nucleic Acids Research</i> , 2019, 47, e1111-e1111.	6.5	46
76	CD166 Engagement Augments Mouse and Human Hematopoietic Progenitor Function via Activation of Stemness and Cell Cycle Pathways. <i>Stem Cells</i> , 2019, 37, 1319-1330.	1.4	6
77	Transcriptome Profiling Reveals Matrisome Alteration as a Key Feature of Ovarian Cancer Progression. <i>Cancers</i> , 2019, 11, 1513.	1.7	34
78	THE ROLE OF OSTEOMACS IN REGULATING STEM CELL FUNCTION AND THE HEMATOPOIETIC NICHE. <i>Experimental Hematology</i> , 2019, 76, S79.	0.2	0
79	Promoter demethylation of the asparagine synthetase gene is required for ATF4-dependent adaptation to asparagine depletion. <i>Journal of Biological Chemistry</i> , 2019, 294, 18674-18684.	1.6	26
80	Parent and child perception of quality of life in a randomized controlled peanut oral immunotherapy trial. <i>Pediatric Allergy and Immunology</i> , 2019, 30, 638-645.	1.1	33
81	Cholesterol Sulfotransferase SULT2B1b Modulates Sensitivity to Death Receptor Ligand TNF $\alpha$ in Castration-Resistant Prostate Cancer. <i>Molecular Cancer Research</i> , 2019, 17, 1253-1263.	1.5	7
82	AtINO80 and AtARP5 physically interact and play common as well as distinct roles in regulating plant growth and development. <i>New Phytologist</i> , 2019, 223, 336-353.	3.5	21
83	A Bayesian adaptive marker-stratified design for molecularly targeted agents with customized hierarchical modeling. <i>Statistics in Medicine</i> , 2019, 38, 2883-2896.	0.8	3
84	Net clinical benefit of non-vitamin K antagonist oral anticoagulants in atrial fibrillation and chronic kidney disease: a trade-off analysis from four phase III clinical trials. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, 410-419.	0.7	14
85	Antitumor Activity and Mechanistic Characterization of APE1/Ref-1 Inhibitors in Bladder Cancer. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 1947-1960.	1.9	29
86	RegSNPs-intron: a computational framework for predicting pathogenic impact of intronic single nucleotide variants. <i>Genome Biology</i> , 2019, 20, 254.	3.8	52
87	The International Conference on Intelligent Biology and Medicine (ICIBM) 2019: bioinformatics methods and applications for human diseases. <i>BMC Bioinformatics</i> , 2019, 20, 676.	1.2	3
88	M3S: a comprehensive model selection for multi-modal single-cell RNA sequencing data. <i>BMC Bioinformatics</i> , 2019, 20, 672.	1.2	9
89	DTA-SiST: de novo transcriptome assembly by using simplified suffix trees. <i>BMC Bioinformatics</i> , 2019, 20, 698.	1.2	3
90	Robust tests for gene-environment interaction in case-control and case-only designs. <i>Computational Statistics and Data Analysis</i> , 2019, 129, 79-92.	0.7	1

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91	Decreased risk of renal impairment in atrial fibrillation patients receiving non-vitamin K antagonist oral anticoagulants: A pooled analysis of randomized controlled trials and real-world studies. <i>Thrombosis Research</i> , 2019, 174, 16-23.	0.8	25
92	SHP2 inhibition reduces leukemogenesis in models of combined genetic and epigenetic mutations. <i>Journal of Clinical Investigation</i> , 2019, 129, 5468-5473.	3.9	29
93	In vivo Evaluation and Alzheimer's Disease Treatment Outcome of siRNA Loaded Dual Targeting Drug Delivery System. <i>Current Pharmaceutical Biotechnology</i> , 2019, 20, 56-62.	0.9	12
94	MRHCA: a nonparametric statistics based method for hub and co-expression module identification in large gene co-expression network. <i>Quantitative Biology</i> , 2018, 6, 40-55.	0.3	1
95	MiRNA-200a induce cell apoptosis in renal cell carcinoma by directly targeting SIRT1. <i>Molecular and Cellular Biochemistry</i> , 2018, 437, 143-152.	1.4	23
96	Genomic and Epigenomic Signatures in Ovarian Cancer Associated with Resensitization to Platinum Drugs. <i>Cancer Research</i> , 2018, 78, 631-644.	0.4	86
97	A Renal Function Based Trade-Off Analysis of Non-vitamin K Antagonist Oral Anticoagulants in Nonvalvular Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2018, 9, 1644.	1.3	5
98	Interplay of the Norrin and Wnt7a/Wnt7b signaling systems in blood-brain barrier and blood-retina barrier development and maintenance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11827-E11836.	3.3	105
99	A Dual Targeting Drug Delivery System for Penetrating Blood-Brain Barrier and Selectively Delivering siRNA to Neurons for Alzheimer's Disease Treatment. <i>Current Pharmaceutical Biotechnology</i> , 2018, 18, 1124-1131.	0.9	29
100	Three-Dimensional Retinal Organoids Facilitate the Investigation of Retinal Ganglion Cell Development, Organization and Neurite Outgrowth from Human Pluripotent Stem Cells. <i>Scientific Reports</i> , 2018, 8, 14520.	1.6	130
101	Endothelial Cell-Specific Inactivation of TSPAN12 (Tetraspanin 12) Reveals Pathological Consequences of Barrier Defects in an Otherwise Intact Vasculature. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2691-2705.	1.1	32
102	Non-vitamin K Antagonist Oral Anticoagulants and Cognitive Impairment in Atrial Fibrillation: Insights From the Meta-Analysis of Over 90,000 Patients of Randomized Controlled Trials and Real-World Studies. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 258.	1.7	27
103	Distinct molecular pathways in ovarian endometrioid adenocarcinoma with concurrent endometriosis. <i>International Journal of Cancer</i> , 2018, 143, 2505-2515.	2.3	12
104	Evaluation of the efficacy and safety of ceftazidime/avibactam in the treatment of Gram-negative bacterial infections: a systematic review and meta-analysis. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 443-450.	1.1	44
105	Increased risk of myocardial infarction with dabigatran etexilate: fact or fiction? A critical meta-analysis of over 580,000 patients from integrating randomized controlled trials and real-world studies. <i>International Journal of Cardiology</i> , 2018, 267, 1-7.	0.8	26
106	Non-vitamin K Antagonist Oral Anticoagulants vs. Warfarin at Risk of Fractures: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Frontiers in Pharmacology</i> , 2018, 9, 348.	1.6	55
107	Net Clinical Benefit of Non-vitamin K Antagonist Oral Anticoagulants for Venous Thromboembolism Prophylaxis in Patients With Cancer: A Systematic Review and Trade-Off Analysis From 9 Randomized Controlled Trials. <i>Frontiers in Pharmacology</i> , 2018, 9, 575.	1.6	16
108	A questionnaire using vocal symptoms in quality control of phonosurgery: vocal surgical questionnaire. <i>BMC Ear, Nose and Throat Disorders</i> , 2018, 18, 9.	2.6	2

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109	Fenton reactions drive nucleotide and ATP syntheses in cancer. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 448-459.	1.5	38
110	Disruption of <i>Gen1</i> Causes Congenital Anomalies of the Kidney and Urinary Tract in Mice. <i>International Journal of Biological Sciences</i> , 2018, 14, 10-20.	2.6	11
111	Somatic mutation of the cohesin complex subunit confers therapeutic vulnerabilities in cancer. <i>Journal of Clinical Investigation</i> , 2018, 128, 2951-2965.	3.9	36
112	Defining Parameters Attributing to the Role of Osteomacs in Regulating Stem Cell Function and the Hematopoietic Niche. <i>Blood</i> , 2018, 132, 2576-2576.	0.6	2
113	DTAST: A Novel Radical Framework for de Novo Transcriptome Assembly Based on Suffix Trees. <i>Lecture Notes in Computer Science</i> , 2018, , 740-745.	1.0	0
114	CD166 Engagement Augments Mouse and Human Hematopoietic Stem and Progenitor Function Via Activation of Stem Cell-Associated and Cell Cycle Pathways. <i>Blood</i> , 2018, 132, 1282-1282.	0.6	0
115	QUBIC: a bioconductor package for qualitative biclustering analysis of gene co-expression data. <i>Bioinformatics</i> , 2017, 33, 450-452.	1.8	58
116	A subclass of HSP70s regulate development and abiotic stress responses in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Research</i> , 2017, 130, 349-363.	1.2	60
117	The Histone Chaperone NRP1 Interacts with WEREWOLF to Activate <i>GLABRA2</i> in <i>Arabidopsis</i> Root Hair Development. <i>Plant Cell</i> , 2017, 29, 260-276.	3.1	35
118	Small intestinal submucosa: A potential osteoconductive and osteoinductive biomaterial for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2017, 75, 149-156.	3.8	39
119	Dual-functional nanoparticles for precise drug delivery to Alzheimer's disease lesions: Targeting mechanisms, pharmacodynamics and safety. <i>International Journal of Pharmaceutics</i> , 2017, 525, 237-248.	2.6	53
120	Competition between DNA Methylation, Nucleotide Synthesis, and Antioxidation in Cancer versus Normal Tissues. <i>Cancer Research</i> , 2017, 77, 4185-4195.	0.4	12
121	Ticagrelor-induced life-threatening bleeding via the cyclosporine-mediated drug interaction. <i>Medicine (United States)</i> , 2017, 96, e8065.	0.4	6
122	Norrin-induced Frizzled4 endocytosis and endo-lysosomal trafficking control retinal angiogenesis and barrier function. <i>Nature Communications</i> , 2017, 8, 16050.	5.8	22
123	Large is required for normal astrocyte migration and retinal vasculature development. <i>Cell and Bioscience</i> , 2017, 7, 18.	2.1	6
124	TSPAN12 Is a Norrin Co-receptor that Amplifies Frizzled4 Ligand Selectivity and Signaling. <i>Cell Reports</i> , 2017, 19, 2809-2822.	2.9	61
125	Controlled delivery of icariin on small intestine submucosa for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2017, 71, 260-267.	3.8	42
126	Incidence and risk of respiratory tract infection associated with specific drug therapy in pulmonary arterial hypertension: a systematic review. <i>Scientific Reports</i> , 2017, 7, 16218.	1.6	13



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127	IsoTree: De Novo Transcriptome Assembly from RNA-Seq Reads. Lecture Notes in Computer Science, 2017, , 71-83.	1.0	1
128	<i>Gen1</i> and <i>Eme1</i> Play Redundant Roles in DNA Repair and Meiotic Recombination in Mice. DNA and Cell Biology, 2016, 35, 585-590.	0.9	12
129	Autophagy in Cancer Cells vs. Cancer Tissues: Two Different Stories. Current Cancer Research, 2016, , 17-38.	0.2	2
130	Distinct roles of the histone chaperones <sc>NAP</sc>1 and <sc>NRP</sc> and the chromatin remodeling factor <sc>INO</sc>80 in somatic homologous recombination in <i>Arabidopsis thaliana</i>. Plant Journal, 2016, 88, 397-410.	2.8	44
131	Genome-Scale Identification of Cell-Wall-Related Genes in Switchgrass through Comparative Genomics and Computational Analyses of Transcriptomic Data. Bioenergy Research, 2016, 9, 172-180.	2.2	10
132	PUPro: A Computational Pipeline for Prediction of Urine Excretory Proteins. Lecture Notes in Computer Science, 2016, , 714-725.	1.0	7
133	Bioinformatics Tools for RNA-seq Gene and Isoform Quantification. Journal of Next Generation Sequencing & Applications, 2016, 03, .	0.3	4
134	Population dynamics inside cancer biomass driven by repeated hypoxia reoxygenation cycles. Quantitative Biology, 2015, 2, 85-99.	0.3	12
135	Higher locoregional recurrence rate for triple-negative breast cancer following neoadjuvant chemotherapy, surgery and radiotherapy. SpringerPlus, 2015, 4, 386.	1.2	27
136	Somatic mutations may not be the primary drivers of cancer formation. International Journal of Cancer, 2015, 137, 2762-2765.	2.3	6
137	The chromatin remodeling factor At<sc>INO</sc>80 plays crucial roles in genome stability maintenance and in plant development. Plant Journal, 2015, 82, 655-668.	2.8	57
138	Elucidation of drivers of high-level production of lactates throughout a cancer development. Journal of Molecular Cell Biology, 2015, 7, 267-279.	1.5	8
139	Comprehensive characterization of the genomic alterations in human gastric cancer. International Journal of Cancer, 2015, 137, 86-95.	2.3	67
140	A Recently Evolved Isoform of the Transcription Factor BES1 Promotes Brassinosteroid Signaling and Development in <i>Arabidopsis thaliana</i>. Plant Cell, 2015, 27, 361-374.	3.1	103
141	Cyclic AMP Mimics the Anti-ageing Effects of Calorie Restriction by Up-Regulating Sirtuin. Scientific Reports, 2015, 5, 12012.	1.6	45
142	Label-free proteomic analysis of PBMCs reveals gender differences in response to long-term antiretroviral therapy of HIV. Journal of Proteomics, 2015, 126, 46-53.	1.2	9
143	Stresses drive a cancer's initiation, progression and metastasis: Critical comments on the book "Cancer Bioinformatics". Journal of Bioinformatics and Computational Biology, 2015, 13, 1571002.	0.3	0
144	The Intrinsically Disordered Protein BKI1 Is Essential for Inhibiting BRI1 Signaling in Plants. Molecular Plant, 2015, 8, 1675-1678.	3.9	46

#	ARTICLE	IF	CITATIONS
145	Cancer may be a pathway to cell survival under persistent hypoxia and elevated ROS: A model for solidâ€cancer initiation and early development. International Journal of Cancer, 2015, 136, 2001-2011.	2.3	56
146	Identification of Gene-Expression Signatures and Protein Markers for Breast Cancer Grading and Staging. PLoS ONE, 2015, 10, e0138213.	1.1	30
147	Elucidation of How Cancer Cells Avoid Acidosis through Comparative Transcriptomic Data Analysis. PLoS ONE, 2013, 8, e71177.	1.1	24
148	A Comparative Study of Gene-Expression Data of Basal Cell Carcinoma and Melanoma Reveals New Insights about the Two Cancers. PLoS ONE, 2012, 7, e30750.	1.1	21
149	Toxicity of the brominated flame retardant tris-(2,3-dibromopropyl) isocyanurate in zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Overlo 1.7 35	1.7	35
150	<i>Adam10</i> is essential for early embryonic cardiovascular development. Developmental Dynamics, 2010, 239, 2594-2602.	0.8	57
151	An NF- $\kappa$ B and Slug Regulatory Loop Active in Early Vertebrate Mesoderm. PLoS ONE, 2006, 1, e106.	1.1	47
152	SOX7 and SOX18 are essential for cardiogenesis inXenopus. Developmental Dynamics, 2005, 234, 878-891.	0.8	78
153	SOX7 is an immediate-early target of VegT and regulates Nodal-related gene expression in Xenopus. Developmental Biology, 2005, 278, 526-541.	0.9	44
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