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List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

6,678
citations

471061

17
h-index

315357

38
g-index

47
all docs

47
docs citations

47
times ranked

14869
citing authors

#	ARTICLE	IF	CITATIONS
1	Network Integration of Parallel Metabolic and Transcriptional Data Reveals Metabolic Modules that Regulate Macrophage Polarization. <i>Immunity</i> , 2015, 42, 419-430.	6.6	1,423
2	Itaconate Links Inhibition of Succinate Dehydrogenase with Macrophage Metabolic Remodeling and Regulation of Inflammation. <i>Cell Metabolism</i> , 2016, 24, 158-166.	7.2	944
3	TREM2 Maintains Microglial Metabolic Fitness in Alzheimer's Disease. <i>Cell</i> , 2017, 170, 649-663.e13.	13.5	741
4	Assemblathon 2: evaluating de novo methods of genome assembly in three vertebrate species. <i>GigaScience</i> , 2013, 2, 10.	3.3	582
5	Electrophilic properties of itaconate and derivatives regulate the ATF3 inflammatory axis. <i>Nature</i> , 2018, 556, 501-504.	13.7	438
6	Mitochondrial Phosphoenolpyruvate Carboxykinase Regulates Metabolic Adaptation and Enables Glucose-Independent Tumor Growth. <i>Molecular Cell</i> , 2015, 60, 195-207.	4.5	200
7	Integrating immunometabolism and macrophage diversity. <i>Seminars in Immunology</i> , 2016, 28, 417-424.	2.7	137
8	Mycobacterium tuberculosis carrying a rifampicin drug resistance mutation reprograms macrophage metabolism through cell wall lipid changes. <i>Nature Microbiology</i> , 2018, 3, 1099-1108.	5.9	90
9	Homeostatic Control of Innate Lung Inflammation by Vici Syndrome Gene Epg5 and Additional Autophagy Genes Promotes Influenza Pathogenesis. <i>Cell Host and Microbe</i> , 2016, 19, 102-113.	5.1	83
10	GAM: a web-service for integrated transcriptional and metabolic network analysis. <i>Nucleic Acids Research</i> , 2016, 44, W194-W200.	6.5	81
11	End Sequence Analysis Toolkit (ESAT) expands the extractable information from single-cell RNA-seq data. <i>Genome Research</i> , 2016, 26, 1397-1410.	2.4	63
12	The miR-17-92 microRNA Cluster Is a Global Regulator of Tumor Metabolism. <i>Cell Reports</i> , 2016, 16, 1915-1928.	2.9	58
13	ImmGen at 15. <i>Nature Immunology</i> , 2020, 21, 700-703.	7.0	55
14	De novo mutations in <i>FLNC</i> leading to early-onset restrictive cardiomyopathy and congenital myopathy. <i>Human Mutation</i> , 2018, 39, 1161-1172.	1.1	49
15	Targeted next-generation sequencing (NGS) of nine candidate genes with custom AmpliSeq in patients and a cardiomyopathy risk group. <i>Clinica Chimica Acta</i> , 2015, 446, 132-140.	0.5	37
16	LKB1 expressed in dendritic cells governs the development and expansion of thymus-derived regulatory T cells. <i>Cell Research</i> , 2019, 29, 406-419.	5.7	34
17	Non-canonical glutamine transamination sustains efferocytosis by coupling redox buffering to oxidative phosphorylation. <i>Nature Metabolism</i> , 2021, 3, 1313-1326.	5.1	31
18	Tonic TCR Signaling Inversely Regulates the Basal Metabolism of CD4+ T Cells. <i>ImmunoHorizons</i> , 2020, 4, 485-497.	0.8	14

#	ARTICLE	IF	CITATIONS
19	Skeletal Muscle Resident Progenitor Cells Coexpress Mesenchymal and Myogenic Markers and Are Not Affected by Chronic Heart Failure-Induced Dysregulations. <i>Stem Cells International</i> , 2019, 2019, 1-11.	1.2	13
20	Solving Generalized Maximum-Weight Connected Subgraph Problem for Network Enrichment Analysis. <i>Lecture Notes in Computer Science</i> , 2016, , 210-221.	1.0	12
21	Generation of iPSC line from patient with arrhythmogenic right ventricular cardiomyopathy carrying mutations in PKP2 gene. <i>Stem Cell Research</i> , 2017, 24, 85-88.	0.3	10
22	Truncating Variant in Myof Gene Is Associated With Limb-Girdle Type Muscular Dystrophy and Cardiomyopathy. <i>Frontiers in Genetics</i> , 2019, 10, 608.	1.1	10
23	LMNA Mutations G232E and R482L Cause Dysregulation of Skeletal Muscle Differentiation, Bioenergetics, and Metabolic Gene Expression Profile. <i>Genes</i> , 2020, 11, 1057.	1.0	10
24	Transcriptomic profiling of experimental arterial injury reveals new mechanisms and temporal dynamics in vascular healing response. <i>JVS Vascular Science</i> , 2020, 1, 13-27.	0.4	10
25	Generation of iPSC line from desmin-related cardiomyopathy patient carrying splice site mutation of DES gene. <i>Stem Cell Research</i> , 2017, 24, 77-80.	0.3	8
26	The use of evolutionary programming based on training examples for the generation of finite state machines for controlling objects with complex behavior. <i>Journal of Computer and Systems Sciences International</i> , 2013, 52, 410-425.	0.2	7
27	Generation of two iPSC lines (FAMRCi006-A and FAMRCi006-B) from patient with dilated cardiomyopathy and Emeryâ€Dreifuss muscular dystrophy associated with genetic variant LMNA p.Arg527Pro.. <i>Stem Cell Research</i> , 2020, 43, 101714.	0.3	6
28	Loss of Mir146b with aging contributes to inflammation and mitochondrial dysfunction in thiolglycollate-elicited peritoneal macrophages. <i>ELife</i> , 2021, 10, .	2.8	6
29	Genetic algorithm for induction of finite automata with continuous and discrete output actions. , 2011, , .		5
30	Rare Case of Ulnar-Mammary-Like Syndrome With Left Ventricular Tachycardia and Lack of TBX3 Mutation. <i>Frontiers in Genetics</i> , 2018, 9, 209.	1.1	4
31	Markov chain Monte Carlo for active module identification problem. <i>BMC Bioinformatics</i> , 2020, 21, 261.	1.2	4
32	Clinical Response to Personalized Exercise Therapy in Heart Failure Patients with Reduced Ejection Fraction Is Accompanied by Skeletal Muscle Histological Alterations. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5514.	1.8	3
33	Generation of two iPSC lines (FAMRCi007-A and FAMRCi007-B) from patient with Emeryâ€Dreifuss muscular dystrophy and heart rhythm abnormalities carrying genetic variant LMNA p.Arg249Gln. <i>Stem Cell Research</i> , 2020, 47, 101895.	0.3	3
34	A 300-kb microduplication of 7q36.3 in a patient with triphalangeal thumb-polysyndactyly syndrome combined with congenital heart disease and optic disc coloboma: a case report. <i>BMC Medical Genomics</i> , 2020, 13, 175.	0.7	3
35	Shiny GATOM: omics-based identification of regulated metabolic modules in atom transition networks. <i>Nucleic Acids Research</i> , 2022, 50, W690-W696.	6.5	3
36	Genotype imputation and polygenic score estimation in northwestern Russian population. <i>PLoS ONE</i> , 2022, 17, e0269434.	1.1	3

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37	Draft Genome Sequence of <i>Coxiella burnetii</i> Historical Strain Leningrad-2, Isolated from Blood of a Patient with Acute Q Fever in Saint Petersburg, Russia. <i>Genome Announcements</i> , 2018, 6, .	0.8	1
38	Ranking Vertices for Active Module Recovery Problem. <i>Lecture Notes in Computer Science</i> , 2017, , 75-84.	1.0	1
39	Method of the Joint Clustering in Network and Correlation Spaces. <i>Modelirovanie I Analiz Informacionnyh Sistem</i> , 2020, 27, 180-193.	0.1	1
40	Transcriptome analysis of skeletal muscles revealed the effect of exercise on the molecular mechanisms regulating muscle growth and metabolism in patients with heart failure. <i>Russian Journal of Cardiology</i> , 2020, 25, 4132.	0.4	1
41	Method for Joint Clustering in Graph and Correlation Spaces. <i>Automatic Control and Computer Sciences</i> , 2021, 55, 647-657.	0.4	0