Fuyi Xu

List of Publications by Year
in descending order

31 papers	237 citations	1039406 9 h-index	1125271 13 g-index
32 all docs	32 docs citations	32 times ranked	380 citing authors

#	Article	IF	Citations
1	Genetic Dissection of Hypertrophic Cardiomyopathy with Myocardial RNA-Seq. International Journal of Molecular Sciences, 2020, 21, 3040.	1.8	26
2	Electrical Stimulation Induces Retinal MÃ¼ller Cell Proliferation and Their Progenitor Cell Potential. Cells, 2020, 9, 781.	1.8	24
3	Role of GPRC6A in Regulating Hepatic Energy Metabolism in Mice. Scientific Reports, 2020, 10, 7216.	1.6	15
4	Genetic Dissection of the Regulatory Mechanisms of Ace2 in the Infected Mouse Lung. Frontiers in Immunology, 2020, 11, 607314.	2.2	14
5	The Genetic Dissection of Ace2 Expression Variation in the Heart of Murine Genetic Reference Population. Frontiers in Cardiovascular Medicine, 2020, 7, 582949.	1.1	13
6	Genome-wide transcriptome architecture in a mouse model of Gulf War Illness. Brain, Behavior, and Immunity, 2020, 89, 209-223.	2.0	13
7	Familial Left Ventricular Non-Compaction Is Associated With a Rare p.V407I Variant in Bone Morphogenetic Protein 10. Circulation Journal, 2019, 83, 1737-1746.	0.7	12
8	Identifying modifier genes for hypertrophic cardiomyopathy. Journal of Molecular and Cellular Cardiology, 2020, 144, 119-126.	0.9	12
9	Humanized GPRC6AKGKY is a gain-of-function polymorphism in mice. Scientific Reports, 2020, 10, 11143.	1.6	11
10	Modeling the Genetic Basis of Individual Differences in Susceptibility to Gulf War Illness. Brain Sciences, 2020, 10, 143.	1.1	11
11	Genome-Wide Analysis of MicroRNA-related Single Nucleotide Polymorphisms (SNPs) in Mouse Genome. Scientific Reports, 2020, 10, 5789.	1.6	11
12	Systems genetics analysis defines importance of TMEM43/LUMA for cardiac- and metabolic-related pathways. Physiological Genomics, 2022, 54, 22-35.	1.0	10
13	Genome Sequencing of Chromosome 1 Substitution Lines Derived from Chinese Wild Mice Revealed a Unique Resource for Genetic Studies of Complex Traits. G3: Genes, Genomes, Genetics, 2016, 6, 3571-3580.	0.8	8
14	Genomic Characteristics and Selection Signatures in Indigenous Chongming White Goat (Capra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.1	7
15	Genetic Dissection of Femoral and Tibial Microarchitecture. JBMR Plus, 2019, 3, e10241.	1.3	6
16	Characterizing modifier genes of cardiac fibrosis phenotype in hypertrophic cardiomyopathy. International Journal of Cardiology, 2021, 330, 135-141.	0.8	6
17	Ace2 and Tmprss2 Expressions Are Regulated by Dhx32 and Influence the Gastrointestinal Symptoms Caused by SARS-CoV-2. Journal of Personalized Medicine, 2021, 11, 1212.	1.1	5
18	Exploring the involvement of Tac2 in the mouse hippocampal stress response through gene networking. Gene, 2019, 696, 176-185.	1.0	4

#	Article	IF	Citations
19	Exploring the Role of Chemokine Receptor 6 (Ccr6) in the BXD Mouse Model of Gulf War Illness. Frontiers in Neuroscience, 2020, 14, 818.	1.4	4
20	An Age-Related Hearing Protection Locus on Chromosome 16 of BXD Strain Mice. Neural Plasticity, 2020, 2020, 1-11.	1.0	4
21	Hippocampal Transcriptome-Wide Association Study Reveals Correlations Between Impaired Glutamatergic Synapse Pathway and Age-Related Hearing Loss in BXD-Recombinant Inbred Mice. Frontiers in Neuroscience, 2021, 15, 745668.	1.4	4
22	Chromosome 1 Sequence Analysis of C57BL/6J-Chr1KM Mouse Strain. International Journal of Genomics, 2017, 2017, 1-9.	0.8	3
23	Deficiency in nebulin repeats of sarcomeric nebulette is detrimental for cardiomyocyte tolerance to exercise and biomechanical stress. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H2130-H2146.	1.5	3
24	Sequence analysis of chromosome 1 revealed different selection patterns between Chinese wild mice and laboratory strains. Molecular Genetics and Genomics, 2017, 292, 1111-1121.	1.0	2
25	A multiplex SNP genotyping by alleleâ€specificspecific PCR based on stemâ€loop and universal fluorescent primers of Chr1 daxin mice. Electrophoresis, 2019, 40, 1600-1605.	1.3	2
26	Combining whole exome sequencing with in silico analysis and clinical data to identify candidate variants in pediatric left ventricular noncompaction. International Journal of Cardiology, 2021, 347, 29-37.	0.8	2
27	Investigating a downstream gene of using the systems genetics method. Molecular Vision, 2019, 25, 222-236.	1.1	2
28	A systems genetics approach delineates the role of Bcl2 in leukemia pathogenesis. Leukemia Research, 2022, 114, 106804.	0.4	2
29	Candidate Regulators of Dyslipidemia in Chromosome 1 Substitution Lines Using Liver Co-Expression Profiling Analysis. Frontiers in Genetics, 2020, 10, 1258.	1.1	1
30	A systems genetics approach to revealing the molecular network of the retina. Molecular Vision, 2020, 26, 459-471.	1.1	0
31	Analysis of cardiac function and morphology in genetic reference population of BXD strains reveals associated eQTLs and candidate causal and modifier genes. FASEB Journal, 2022, 36, .	0.2	0