Janan T Eppig

List of Publications by Year
in descending order

48 papers	40,748 citations	109321 35 h-index	223800 46 g-index
48 all docs	48 docs citations	48 times ranked	63899 citing authors

#	Article	IF	Citations
1	Gene Ontology: tool for the unification of biology. Nature Genetics, 2000, 25, 25-29.	21.4	34,499
2	The Human Phenotype Ontology project: linking molecular biology and disease through phenotype data. Nucleic Acids Research, 2014, 42, D966-D974.	14.5	698
3	The Knockout Mouse Project. Nature Genetics, 2004, 36, 921-924.	21.4	556
4	The Mouse Genome Database (MGD): mouse biology and model systems. Nucleic Acids Research, 2007, 36, D724-D728.	14.5	365
5	Global genetic analysis in mice unveils central role for cilia in congenital heart disease. Nature, 2015, 521, 520-524.	27.8	357
6	The Mammalian Phenotype Ontology as a tool for annotating, analyzing and comparing phenotypic information. Genome Biology, 2004, 6, R7.	9.6	343
7	The Mouse Genome Database (MGD): facilitating mouse as a model for human biology and disease. Nucleic Acids Research, 2015, 43, D726-D736.	14.5	335
8	The mammalian gene function resource: the international knockout mouse consortium. Mammalian Genome, 2012, 23, 580-586.	2.2	292
9	The mammalian phenotype ontology: enabling robust annotation and comparative analysis. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2009, 1, 390-399.	6.6	267
10	Mouse Genome Database (MGD)-2017: community knowledge resource for the laboratory mouse. Nucleic Acids Research, 2017, 45, D723-D729.	14.5	255
11	The Mouse Genome Database (MGD): comprehensive resource for genetics and genomics of the laboratory mouse. Nucleic Acids Research, 2012, 40, D881-D886.	14.5	233
12	The Mouse Genome Database (MGD): premier model organism resource for mammalian genomics and genetics. Nucleic Acids Research, 2011, 39, D842-D848.	14.5	228
13	The Mouse Genome Database (MGD): from genes to mice--a community resource for mouse biology. Nucleic Acids Research, 2004, 33, D471-D475.	14.5	217
14	The Mouse Genome Database: integration of and access to knowledge about the laboratory mouse. Nucleic Acids Research, 2014, 42, D810-D817.	14.5	196
15	Supporting conditional mouse mutagenesis with a comprehensive cre characterization resource. Nature Communications, 2012, 3, 1218.	12.8	187
16	The Mammalian Phenotype Ontology as a unifying standard for experimental and high-throughput phenotyping data. Mammalian Genome, 2012, 23, 653-668.	2.2	159
17	Functional Annotation of Mouse Genome Sequences. Science, 2001, 291, 1251-1255.	12.6	125
18	The Mouse Genome Database genotypes::phenotypes. Nucleic Acids Research, 2009, 37, D712-D719.	14.5	101

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19	The mouse genome database (MGD): new features facilitating a model system. Nucleic Acids Research, 2007, 35, D630-D637.	14.5	100
20	The IKMC web portal: a central point of entry to data and resources from the International Knockout Mouse Consortium. Nucleic Acids Research, 2011, 39, D849-D855.	14.5	83
21	Augmenting the disease ontology improves and unifies disease annotations across species. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	81
22	Mouse genome database 2016. Nucleic Acids Research, 2016, 44, D840-D847.	14.5	80
23	The Mouse Genome Database: enhancements and updates. Nucleic Acids Research, 2010, 38, D586-D592.	14.5	78
24	The mouse Gene Expression Database (GXD): 2014 update. Nucleic Acids Research, 2014, 42, D818-D824.	14.5	77
25	Mouse Genome Informatics (MGI) Resource: Genetic, Genomic, and Biological Knowledgebase for the Laboratory Mouse. ILAR Journal, 2017, 58, 17-41.	1.8	77
26	Mouse Genome Informatics (MGI): Resources for Mining Mouse Genetic, Genomic, and Biological Data in Support of Primary and Translational Research. Methods in Molecular Biology, 2017, 1488, 47-73.	0.9	76
27	The mouse Gene Expression Database (GXD): 2011 update. Nucleic Acids Research, 2011, 39, D835-D841.	14.5	72
28	The Mouse Genome Database: Genotypes, Phenotypes, and Models of Human Disease. Nucleic Acids Research, 2013, 41, D885-D891.	14.5	61
29	Beyond knockouts: cre resources for conditional mutagenesis. Mammalian Genome, 2012, 23, 587-599.	2.2	57
30	Finding a mouse: the International Mouse Strain Resource (IMSR). Trends in Genetics, 1999, 15, 81-82.	6.7	56
31	The International Mouse Strain Resource (IMSR): cataloging worldwide mouse and ES cell line resources. Mammalian Genome, 2015, 26, 448-455.	2.2	56
32	Allele, phenotype and disease data at Mouse Genome Informatics: improving access and analysis. Mammalian Genome, 2015, 26, 285-294.	2.2	56
33	Expanding the mammalian phenotype ontology to support automated exchange of high throughput mouse phenotyping data generated by large-scale mouse knockout screens. Journal of Biomedical Semantics, 2015, 6, 11.	1.6	54
34	Mouse Tumor Biology (MTB): a database of mouse models for human cancer. Nucleic Acids Research, 2015, 43, D818-D824.	14.5	54
35	The Vertebrate Trait Ontology: a controlled vocabulary for the annotation of trait data across species. Journal of Biomedical Semantics, 2013, 4, 13.	1.6	42
36	Mouse Genome Informatics (MGI): reflecting on 25Âyears. Mammalian Genome, 2015, 26, 272-284.	2.2	34

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37	The mouse gene expression database GXD. Seminars in Cell and Developmental Biology, 1997, 8, 489-497.	5.0	28
38	GXD: a community resource of mouse Gene Expression Data. Mammalian Genome, 2015, 26, 314-324.	2.2	23
39	Visualizing the Laboratory Mouse: Capturing Phenotype Information. Genetica, 2004, 122, 89-97.	1.1	18
40	The mouse gene expression database: New features and how to use them effectively. Genesis, 2015, 53, 510-522.	1.6	14
41	Mouse Genome Database: From sequence to phenotypes and disease models. Genesis, 2015, 53, 458-473.	1.6	13
42	Disease model curation improvements at Mouse Genome Informatics. Database: the Journal of Biological Databases and Curation, 2012, 2012, bar063-bar063.	3.0	10
43	Orthology for comparative genomics in the mouse genome database. Mammalian Genome, 2015, 26, 305-313.	2.2	9
44	Inferring gene-to-phenotype and gene-to-disease relationships at Mouse Genome Informatics: challenges and solutions. Journal of Biomedical Semantics, 2016, 7, .	1.6	8
45	Mouse mutants and phenotypes: Accessing information for the study of mammalian gene function. Methods, 2011, 53, 405-410.	3.8	7
46	Mouse genomics programs and resources. Mammalian Genome, 2012, 23, 479-489.	2.2	7
47	The Informatics of Developmental Phenotypes. , 2016, , 307-318.		3
48	Databases, Internet Resources, and Genetic Nomenclature. , 2014, , 657-689.		1