

# Mathew T Pletcher

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

1,890  
citations

516710

16  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncovering regulatory pathways that affect hematopoietic stem cell function using 'genetical genomics'. <i>Nature Genetics</i> , 2005, 37, 225-232.	21.4	366
2	c-Myb and p300 Regulate Hematopoietic Stem Cell Proliferation and Differentiation. <i>Developmental Cell</i> , 2005, 8, 153-166.	7.0	251
3	Genome-wide single-nucleotide polymorphism analysis defines haplotype patterns in mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3380-3385.	7.1	222
4	Use of a Dense Single Nucleotide Polymorphism Map for In Silico Mapping in the Mouse. <i>PLoS Biology</i> , 2004, 2, e393.	5.6	210
5	Global disruption of the cerebellar transcriptome in a Down syndrome mouse model. <i>Human Molecular Genetics</i> , 2003, 12, 2013-2019.	2.9	143
6	Marked Interindividual Variability in the Response to Selective Inhibitors of Cyclooxygenase-2. <i>Gastroenterology</i> , 2006, 130, 55-64.	1.3	131
7	Genetic Regulation of Behavioral and Neuronal Responses to Fluoxetine. <i>Neuropsychopharmacology</i> , 2008, 33, 1312-1322.	5.4	83
8	Inositol (1,4,5) trisphosphate 3 kinase B controls positive selection of T cells and modulates Erk activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5604-5609.	7.1	74
9	Phenotypic Characterization of a Genetically Diverse Panel of Mice for Behavioral Despair and Anxiety. <i>PLoS ONE</i> , 2010, 5, e14458.	2.5	65
10	Generation, identification and functional characterization of the nob4 mutation of Grm6 in the mouse. <i>Visual Neuroscience</i> , 2007, 24, 111-123.	1.0	61
11	Comparative analysis of haplotype association mapping algorithms. <i>BMC Bioinformatics</i> , 2006, 7, 61.	2.6	52
12	Evaluating genetic markers and neurobiochemical analytes for fluoxetine response using a panel of mouse inbred strains. <i>Psychopharmacology</i> , 2012, 221, 297-315.	3.1	51
13	Comparative Genomic Sequence Analysis of the Human Chromosome 21 Down Syndrome Critical Region. <i>Genome Research</i> , 2002, 12, 1323-1332.	5.5	48
14	Use of Comparative Physical and Sequence Mapping to Annotate Mouse Chromosome 16 and Human Chromosome 21. <i>Genomics</i> , 2001, 74, 45-54.	2.9	40
15	Quantitative Trait Loci That Determine BMD in C57BL/6J and 129S1/SvImJ Inbred Mice. <i>Journal of Bone and Mineral Research</i> , 2005, 21, 105-112.	2.8	39
16	A mutant mouse with a highly specific contextual fear-conditioning deficit found in an N-ethyl-N-nitrosourea (ENU) mutagenesis screen. <i>Learning and Memory</i> , 2006, 13, 143-149.	1.3	33
17	Quantitative trait locus analysis identifies Gabra3 as a regulator of behavioral despair in mice. <i>Mammalian Genome</i> , 2010, 21, 247-257.	2.2	13
18	Expression Quantitative Trait Loci Mapping Identifies New Genetic Models of Glutathione S-Transferase Variation. <i>Drug Metabolism and Disposition</i> , 2009, 37, 1269-1276.	3.3	8