

Terrence F Meehan

List of Publications by Citations

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Version: 2024-04-05

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28 papers	1,928 citations	18 h-index	34 g-index
34 ext. papers	2,687 ext. citations	16 avg, IF	3.5 L-index

#	Paper	IF	Citations
28	High-throughput discovery of novel developmental phenotypes. <i>Nature</i> , 2016 , 537, 508-514	50.4	608
27	The International Mouse Phenotyping Consortium Web Portal, a unified point of access for knockout mice and related phenotyping data. <i>Nucleic Acids Research</i> , 2014 , 42, D802-9	20.1	189
26	Unexplored therapeutic opportunities in the human genome. <i>Nature Reviews Drug Discovery</i> , 2018 , 17, 317-332	64.1	156
25	Disease model discovery from 3,328 gene knockouts by The International Mouse Phenotyping Consortium. <i>Nature Genetics</i> , 2017 , 49, 1231-1238	36.3	145
24	Prevalence of sexual dimorphism in mammalian phenotypic traits. <i>Nature Communications</i> , 2017 , 8, 15475	57.4	130
23	The Cell Ontology 2016: enhanced content, modularization, and ontology interoperability. <i>Journal of Biomedical Semantics</i> , 2016 , 7, 44	2.2	111
22	A large scale hearing loss screen reveals an extensive unexplored genetic landscape for auditory dysfunction. <i>Nature Communications</i> , 2017 , 8, 886	17.4	81
21	CLO: The cell line ontology. <i>Journal of Biomedical Semantics</i> , 2014 , 5, 37	2.2	70
20	PDX-MI: Minimal Information for Patient-Derived Tumor Xenograft Models. <i>Cancer Research</i> , 2017 , 77, e62-e66	10.1	65
19	High-throughput mouse phenomics for characterizing mammalian gene function. <i>Nature Reviews Genetics</i> , 2018 , 19, 357-370	30.1	48
18	Identification of genetic elements in metabolism by high-throughput mouse phenotyping. <i>Nature Communications</i> , 2018 , 9, 288	17.4	48
17	The International Mouse Phenotyping Consortium (IMPC): a functional catalogue of the mammalian genome that informs conservation. <i>Conservation Genetics</i> , 2018 , 19, 995-1005	2.6	44
16	PDX Finder: A portal for patient-derived tumor xenograft model discovery. <i>Nucleic Acids Research</i> , 2019 , 47, D1073-D1079	20.1	42
15	PhenStat: A Tool Kit for Standardized Analysis of High Throughput Phenotypic Data. <i>PLoS ONE</i> , 2015 , 10, e0131274	3.7	40
14	Human and mouse essentiality screens as a resource for disease gene discovery. <i>Nature Communications</i> , 2020 , 11, 655	17.4	25
13	A resource of targeted mutant mouse lines for 5,061 genes. <i>Nature Genetics</i> , 2021 , 53, 416-419	36.3	22
12	A mouse informatics platform for phenotypic and translational discovery. <i>Mammalian Genome</i> , 2015 , 26, 413-21	3.2	20

11	Identification of genes required for eye development by high-throughput screening of mouse knockouts. <i>Communications Biology</i> , 2018 , 1, 236	6.7	20
10	High-throughput phenotyping reveals expansive genetic and structural underpinnings of immune variation. <i>Nature Immunology</i> , 2020 , 21, 86-100	19.1	15
9	Mouse mutant phenotyping at scale reveals novel genes controlling bone mineral density. <i>PLoS Genetics</i> , 2020 , 16, e1009190	6	8
8	OpenStats: A robust and scalable software package for reproducible analysis of high-throughput phenotypic data. <i>PLoS ONE</i> , 2020 , 15, e0242933	3.7	5
7	Soft windowing application to improve analysis of high-throughput phenotyping data. <i>Bioinformatics</i> , 2020 , 36, 1492-1500	7.2	5
6	A resource of targeted mutant mouse lines for 5,061 genes		3
5	PDX Finder: A Portal for Patient-Derived tumor Xenograft Model Discovery		2
4	Extensive identification of genes involved in congenital and structural heart disorders and cardiomyopathy 2022 , 1, 157-173		2
3	OpenStats: A Robust and Scalable Software Package for Reproducible Analysis of High-Throughput Phenotypic Data		1
2	The EurOPDX Data Portal: an open platform for patient-derived cancer xenograft data sharing and visualization.. <i>BMC Genomics</i> , 2022 , 23, 156	4.5	1
1	Know Thy PDX Model. <i>Cancer Research</i> , 2019 , 79, 4324-4325	10.1	