

# Terrence F Meehan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8129028/publications.pdf>

Version: 2024-02-01

27  
papers

3,122  
citations

361388

20  
h-index

526264

27  
g-index

34  
all docs

34  
docs citations

34  
times ranked

7571  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput discovery of novel developmental phenotypes. <i>Nature</i> , 2016, 537, 508-514.	27.8	1,001
2	Unexplored therapeutic opportunities in the human genome. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 317-332.	46.4	263
3	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-D809.	14.5	252
4	Disease model discovery from 3,328 gene knockouts by The International Mouse Phenotyping Consortium. <i>Nature Genetics</i> , 2017, 49, 1231-1238.	21.4	216
5	The Cell Ontology 2016: enhanced content, modularization, and ontology interoperability. <i>Journal of Biomedical Semantics</i> , 2016, 7, 44.	1.6	201
6	Prevalence of sexual dimorphism in mammalian phenotypic traits. <i>Nature Communications</i> , 2017, 8, 15475.	12.8	200
7	A large scale hearing loss screen reveals an extensive unexplored genetic landscape for auditory dysfunction. <i>Nature Communications</i> , 2017, 8, 886.	12.8	116
8	PDX-MI: Minimal Information for Patient-Derived Tumor Xenograft Models. <i>Cancer Research</i> , 2017, 77, e62-e66.	0.9	92
9	CLO: The cell line ontology. <i>Journal of Biomedical Semantics</i> , 2014, 5, 37.	1.6	89
10	The International Mouse Phenotyping Consortium (IMPC): a functional catalogue of the mammalian genome that informs conservation. <i>Conservation Genetics</i> , 2018, 19, 995-1005.	1.5	82
11	High-throughput mouse phenomics for characterizing mammalian gene function. <i>Nature Reviews Genetics</i> , 2018, 19, 357-370.	16.3	78
12	PDX Finder: A portal for patient-derived tumor xenograft model discovery. <i>Nucleic Acids Research</i> , 2019, 47, D1073-D1079.	14.5	75
13	Human and mouse essentiality screens as a resource for disease gene discovery. <i>Nature Communications</i> , 2020, 11, 655.	12.8	64
14	A resource of targeted mutant mouse lines for 5,061 genes. <i>Nature Genetics</i> , 2021, 53, 416-419.	21.4	60
15	Identification of genetic elements in metabolism by high-throughput mouse phenotyping. <i>Nature Communications</i> , 2018, 9, 288.	12.8	59
16	PhenStat: A Tool Kit for Standardized Analysis of High Throughput Phenotypic Data. <i>PLoS ONE</i> , 2015, 10, e0131274.	2.5	51
17	Identification of genes required for eye development by high-throughput screening of mouse knockouts. <i>Communications Biology</i> , 2018, 1, 236.	4.4	37
18	High-throughput phenotyping reveals expansive genetic and structural underpinnings of immune variation. <i>Nature Immunology</i> , 2020, 21, 86-100.	14.5	32

#	ARTICLE	IF	CITATIONS
19	The Deep Genome Project. <i>Genome Biology</i> , 2020, 21, 18.	8.8	30
20	A mouse informatics platform for phenotypic and translational discovery. <i>Mammalian Genome</i> , 2015, 26, 413-421.	2.2	27
21	Extensive identification of genes involved in congenital and structural heart disorders and cardiomyopathy. , 2022, 1, 157-173.		22
22	Mouse mutant phenotyping at scale reveals novel genes controlling bone mineral density. <i>PLoS Genetics</i> , 2020, 16, e1009190.	3.5	19
23	Ten simple rules for annotating sequencing experiments. <i>PLoS Computational Biology</i> , 2020, 16, e1008260.	3.2	12
24	OpenStats: A robust and scalable software package for reproducible analysis of high-throughput phenotypic data. <i>PLoS ONE</i> , 2020, 15, e0242933.	2.5	12
25	The EurOPDX Data Portal: an open platform for patient-derived cancer xenograft data sharing and visualization. <i>BMC Genomics</i> , 2022, 23, 156.	2.8	10
26	Soft windowing application to improve analysis of high-throughput phenotyping data. <i>Bioinformatics</i> , 2020, 36, 1492-1500.	4.1	9
27	Know Thy PDX Model. <i>Cancer Research</i> , 2019, 79, 4324-4325.	0.9	4