Jason D Heaney

List of Publications by Year in descending order

33 papers	1,119 citations	471509 17 h-index	434195 31 g-index
40 all docs	40 docs citations	40 times ranked	2052 citing authors

#	Article	IF	Citations
1	IL-33 activates tumor stroma to promote intestinal polyposis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2487-96.	7.1	141
2	GSDMB is increased in IBD and regulates epithelial restitution/repair independent of pyroptosis. Cell, 2022, 185, 283-298.e17.	28.9	86
3	The NIH Somatic Cell Genome Editing program. Nature, 2021, 592, 195-204.	27.8	84
4	Loss of the Transmembrane but not the Soluble Kit Ligand Isoform Increases Testicular Germ Cell Tumor Susceptibility in Mice. Cancer Research, 2008, 68, 5193-5197.	0.9	73
5	Comparative analysis of single-stranded DNA donors to generate conditional null mouse alleles. BMC Biology, 2018, 16, 69.	3.8	64
6	Human and mouse essentiality screens as a resource for disease gene discovery. Nature Communications, 2020, 11, 655.	12.8	64
7	A resource of targeted mutant mouse lines for 5,061 genes. Nature Genetics, 2021, 53, 416-419.	21.4	60
8	Biallelic Variants in OTUD6B Cause an Intellectual Disability Syndrome Associated with Seizures and Dysmorphic Features. American Journal of Human Genetics, 2017, 100, 676-688.	6.2	54
9	Germ cell pluripotency, premature differentiation and susceptibility to testicular teratomas in mice. Development (Cambridge), 2012, 139, 1577-1586.	2.5	52
10	Deletion of eIF2beta suppresses testicular cancer incidence and causes recessive lethality in agouti-yellow mice. Human Molecular Genetics, 2009, 18, 1395-1404.	2.9	41
11	High-Fat Diet-Induced Complement Activation Mediates Intestinal Inflammation and Neoplasia, Independent of Obesity. Molecular Cancer Research, 2016, 14, 953-965.	3.4	38
12	Identification of genes required for eye development by high-throughput screening of mouse knockouts. Communications Biology, 2018, 1, 236.	4.4	37
13	The Deep Genome Project. Genome Biology, 2020, 21, 18.	8.8	30
14	Bi-allelic Variants in TONSL Cause SPONASTRIME Dysplasia and a Spectrum of Skeletal Dysplasia Phenotypes. American Journal of Human Genetics, 2019, 104, 422-438.	6.2	27
15	AAV5 delivery of CRISPR-Cas9 supports effective genome editing in mouse lung airway. Molecular Therapy, 2022, 30, 238-243.	8.2	25
16	Response to â€œUnexpected mutations after CRISPRâ€“Cas9 editing in vivoâ€• Nature Methods, 2018, 15, 235-236.	19.0	24
17	Extensive identification of genes involved in congenital and structural heart disorders and cardiomyopathy. , 2022, 1, 157-173.		22
18	Delayed male germ cell sex-specification permits transition into embryonal carcinoma cells with features of primed pluripotency. Development (Cambridge), 2018, 145, .	2.5	21

#	Article	IF	Citations
19	Testicular Germ Cell Tumors in Mice. Methods in Molecular Biology, 2008, 450, 211-231.	0.9	19
20	Mouse mutant phenotyping at scale reveals novel genes controlling bone mineral density. PLoS Genetics, 2020, 16, e1009190.	3.5	19
21	COPB2 loss of function causes a coatopathy with osteoporosis and developmental delay. American Journal of Human Genetics, 2021, 108, 1710-1724.	6.2	18
22	Misexpression of cyclin D1 in embryonic germ cells promotes testicular teratoma initiation. Cell Cycle, 2016, 15, 919-930.	2.6	16
23	Germ cell tumors: Insights from the Drosophila ovary and the mouse testis. Molecular Reproduction and Development, 2017, 84, 200-211.	2.0	15
24	A global Slc7a7 knockout mouse model demonstrates characteristic phenotypes of human lysinuric protein intolerance. Human Molecular Genetics, 2020, 29, 2171-2184.	2.9	15
25	CRISPR/Cas9-mediated deletion of lncRNA Gm26878 in the distant Foxf1 enhancer region. Mammalian Genome, 2017, 28, 275-282.	2.2	14
26	Testicular germ cell tumors arise in the absence of sex-specific differentiation. Development (Cambridge), 2021, 148, .	2.5	12
27	Perturbation of semaphorin and VEGF signaling in ACDMPV lungs due to FOXF1 deficiency. Respiratory Research, 2021, 22, 212.	3.6	11
28	Using CRISPR/Cas9 engineering to generate a mouse with a conditional knockout allele for the promyelocytic leukemia zinc finger transcription factor. Genesis, 2019, 57, e23281.	1.6	9
29	Soft windowing application to improve analysis of high-throughput phenotyping data. Bioinformatics, 2020, 36, 1492-1500.	4.1	9
30	Identifying genetic determinants of inflammatory pain in mice using a large-scale gene-targeted screen. Pain, 2022, 163, 1139-1157.	4.2	4
31	Testicular Germ Cell Tumors and Teratomas. , 2017, , 225-267.		3
32	A novel de novo intronic variant in ITPR1 causes Gillespie syndrome. American Journal of Medical Genetics, Part A, 2021, 185, 2315-2324.	1.2	2
33	Cover Image, Volume 57, Issue 3. Genesis, 2019, 57, e23289.	1.6	0