

Megan Y Dennis

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

5,608
citations

394421

19
h-index

526287

27
g-index

35
all docs

35
docs citations

35
times ranked

7632
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of CRISPR gene-editing tools in zebrafish. <i>BMC Genomics</i> , 2022, 23, 12.	2.8	12
2	Complete genomic and epigenetic maps of human centromeres. <i>Science</i> , 2022, 376, eabl4178.	12.6	204
3	A complete reference genome improves analysis of human genetic variation. <i>Science</i> , 2022, 376, eabl3533.	12.6	144
4	The complete sequence of a human genome. <i>Science</i> , 2022, 376, 44-53.	12.6	1,222
5	Effects of pairing on color change and central gene expression in lined seahorses. <i>Genes, Brain and Behavior</i> , 2022, 21, .	2.2	8
6	Diverse Molecular Mechanisms Contribute to Differential Expression of Human Duplicated Genes. <i>Molecular Biology and Evolution</i> , 2021, 38, 3060-3077.	8.9	11
7	RapID Cell Counter: Semi-automated and mid-throughput estimation of cell density within diverse cortical layers. <i>ENeuro</i> , 2021, 8, ENEURO.0185-21.2021.	1.9	6
8	Single-cell strand sequencing of a macaque genome reveals multiple nested inversions and breakpoint reuse during primate evolution. <i>Genome Research</i> , 2020, 30, 1680-1693.	5.5	16
9	Telomere-to-telomere assembly of a complete human X chromosome. <i>Nature</i> , 2020, 585, 79-84.	27.8	549
10	Assessment of Autism Zebrafish Mutant Models Using a High-Throughput Larval Phenotyping Platform. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 586296.	3.7	10
11	Identification of Structural Variation in Chimpanzees Using Optical Mapping and Nanopore Sequencing. <i>Genes</i> , 2020, 11, 276.	2.4	14
12	Human local adaptation of the TRPM8 cold receptor along a latitudinal cline. <i>PLoS Genetics</i> , 2018, 14, e1007298.	3.5	75
13	Psychedelics Promote Structural and Functional Neural Plasticity. <i>Cell Reports</i> , 2018, 23, 3170-3182.	6.4	566
14	The evolution and population diversity of human-specific segmental duplications. <i>Nature Ecology and Evolution</i> , 2017, 1, 69.	7.8	123
15	The birth of a human-specific neural gene by incomplete duplication and gene fusion. <i>Genome Biology</i> , 2017, 18, 49.	8.8	39
16	Human adaptation and evolution by segmental duplication. <i>Current Opinion in Genetics and Development</i> , 2016, 41, 44-52.	3.3	157
17	Epigenetics of Autism-related Impairment. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2015, 36, 61-67.	1.1	83
18	Resolving the complexity of the human genome using single-molecule sequencing. <i>Nature</i> , 2015, 517, 608-611.	27.8	714

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19	Selection on a Variant Associated with Improved Viral Clearance Drives Local, Adaptive Pseudogenization of Interferon Lambda 4 (IFNL4). <i>PLoS Genetics</i> , 2014, 10, e1004681.	3.5	87
20	Reconstructing complex regions of genomes using long-read sequencing technology. <i>Genome Research</i> , 2014, 24, 688-696.	5.5	222
21	Palindromic GOLGA8 core duplicons promote chromosome 15q13.3 microdeletion and evolutionary instability. <i>Nature Genetics</i> , 2014, 46, 1293-1302.	21.4	96
22	Refinement and Discovery of New Hotspots of Copy-Number Variation Associated with Autism Spectrum Disorder. <i>American Journal of Human Genetics</i> , 2013, 92, 221-237.	6.2	279
23	Detection of structural variants and indels within exome data. <i>Nature Methods</i> , 2012, 9, 176-178.	19.0	109
24	Evolution of Human-Specific Neural SRGAP2 Genes by Incomplete Segmental Duplication. <i>Cell</i> , 2012, 149, 912-922.	28.9	341
25	Balancing Selection Maintains a Form of ERAP2 that Undergoes Nonsense-Mediated Decay and Affects Antigen Presentation. <i>PLoS Genetics</i> , 2010, 6, e1001157.	3.5	210
26	A Rare Myelin Protein Zero (MPZ) Variant Alters Enhancer Activity In Vitro and In Vivo. <i>PLoS ONE</i> , 2010, 5, e14346.	2.5	14
27	A Common Variant Associated with Dyslexia Reduces Expression of the KIAA0319 Gene. <i>PLoS Genetics</i> , 2009, 5, e1000436.	3.5	92