

Helen Rankin Willsey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1630994/publications.pdf>

Version: 2024-02-01

12
papers

328
citations

1163117

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1058476

14
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15
docs citations

15
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomics, convergent neuroscience and progress in understanding autism spectrum disorder. <i>Nature Reviews Neuroscience</i> , 2022, 23, 323-341.	10.2	81
2	Parallel inÂvivo analysis of large-effect autism genes implicates cortical neurogenesis and estrogen in risk and resilience. <i>Neuron</i> , 2021, 109, 788-804.e8.	8.1	54
3	<i>Xenopus</i> leads the way: Frogs as a pioneering model to understand the human brain. <i>Genesis</i> , 2021, 59, e23405.	1.6	28
4	Katanin-like protein <i>Katnal2</i> is required for ciliogenesis and brain development in <i>Xenopus</i> embryos. <i>Developmental Biology</i> , 2018, 442, 276-287.	2.0	27
5	Neurodevelopmental disorder risk gene <i>DYRK1A</i> is required for ciliogenesis and brain size in <i>Xenopus</i> embryos. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	27
6	Picoscope: low-cost system for simultaneous longitudinal biological imaging. <i>Communications Biology</i> , 2021, 4, 1261.	4.4	23
7	<i>DYRK1A</i> -related intellectual disability: a syndrome associated with congenital anomalies of the kidney and urinary tract. <i>Genetics in Medicine</i> , 2019, 21, 2755-2764.	2.4	19
8	A convergent molecular network underlying autism and congenital heart disease. <i>Cell Systems</i> , 2021, 12, 1094-1107.e6.	6.2	19
9	Deep learning is widely applicable to phenotyping embryonic development and disease. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	16
10	Low cost cloud based remote microscopy for biological sciences. <i>Internet of Things (Netherlands)</i> , 2022, 18, 100454.	7.7	12
11	Modeling Human Genetic Disorders with CRISPR Technologies in <i>Xenopus</i> . <i>Cold Spring Harbor Protocols</i> , 2022, 2022, pdb.prot106997.	0.3	5
12	Whole-Mount RNA In Situ Hybridization and Immunofluorescence of <i>Xenopus</i> Embryos and Tadpoles. <i>Cold Spring Harbor Protocols</i> , 2021, 2021, pdb.prot105635.	0.3	4