

B Ian Hutchins

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1272394/publications.pdf>

Version: 2024-02-01

24
papers

1,621
citations

471509

17
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

2123
citing authors

#	ARTICLE	IF	CITATIONS
1	Topic choice contributes to the lower rate of NIH awards to African-American/black scientists. <i>Science Advances</i> , 2019, 5, eaaw7238.	10.3	405
2	Relative Citation Ratio (RCR): A New Metric That Uses Citation Rates to Measure Influence at the Article Level. <i>PLoS Biology</i> , 2016, 14, e1002541.	5.6	328
3	Wnt5a Induces Simultaneous Cortical Axon Outgrowth and Repulsive Axon Guidance through Distinct Signaling Mechanisms. <i>Journal of Neuroscience</i> , 2009, 29, 5873-5883.	3.6	146
4	Differential Outgrowth of Axons and their Branches Is Regulated by Localized Calcium Transients. <i>Journal of Neuroscience</i> , 2008, 28, 143-153.	3.6	82
5	Wnt/calcium signaling mediates axon growth and guidance in the developing corpus callosum. <i>Developmental Neurobiology</i> , 2011, 71, 269-283.	3.0	78
6	The NIH Open Citation Collection: A public access, broad coverage resource. <i>PLoS Biology</i> , 2019, 17, e3000385.	5.6	70
7	Mutations in FEZF1 Cause Kallmann Syndrome. <i>American Journal of Human Genetics</i> , 2014, 95, 326-331.	6.2	69
8	Predicting translational progress in biomedical research. <i>PLoS Biology</i> , 2019, 17, e3000416.	5.6	55
9	SDF and GABA interact to regulate axophilic migration of GnRH neurons. <i>Journal of Cell Science</i> , 2012, 125, 5015-25.	2.0	51
10	Signaling Mechanisms in Cortical Axon Growth, Guidance, and Branching. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 62.	1.7	49
11	CCDC141 Mutation Identified in Anosmic Hypogonadotropic Hypogonadism (Kallmann Syndrome) Alters GnRH Neuronal Migration. <i>Endocrinology</i> , 2016, 157, 1956-1966.	2.8	47
12	Wnt5a evokes cortical axon outgrowth and repulsive guidance by tau mediated reorganization of dynamic microtubules. <i>Developmental Neurobiology</i> , 2014, 74, 797-817.	3.0	39
13	Calcium Release-Dependent Actin Flow in the Leading Process Mediates Axophilic Migration. <i>Journal of Neuroscience</i> , 2013, 33, 11361-11371.	3.6	36
14	CCDC141 Mutations in Idiopathic Hypogonadotropic Hypogonadism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1816-1825.	3.6	33
15	Additional support for RCR: A validated article-level measure of scientific influence. <i>PLoS Biology</i> , 2017, 15, e2003552.	5.6	21
16	Capture of microtubule plus-ends at the actin cortex promotes axophilic neuronal migration by enhancing microtubule tension in the leading process. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 400.	3.7	20
17	Competitive Outgrowth of Neural Processes Arising from Long-Distance cAMP Signaling. <i>Science Signaling</i> , 2010, 3, jc1.	3.6	18
18	Wnt5a Induces Simultaneous Cortical Axon Outgrowth and Repulsive Turning Through Distinct Signaling Mechanisms A presentation from the 2008 meeting "Axon Guidance, Synaptogenesis & Neural Plasticity" at Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, 10 to 14 September 2008.. <i>Science Signaling</i> , 2010, 3, pt2.	3.6	17

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19	Wnt-Induced Calcium Signaling Mediates Axon Growth and Guidance in the Developing Corpus CallosumA presentation from Neuroscience 2009, the Society for Neuroscience annual meeting, in Chicago, IL, 17 to 21 October 2009.. Science Signaling, 2012, 5, pt1.	3.6	15
20	A tipping point for open citation data. Quantitative Science Studies, 2021, 2, 1-5.	3.3	12
21	Embed Dynamic Content in Your Poster. Science Signaling, 2013, 6, tr1.	3.6	8
22	EphrinA and TrkB Interact to Promote Axon Branching: Figure 1.. Journal of Neuroscience, 2009, 29, 4329-4331.	3.6	6
23	Using Bisphenol-A to Study the Onset of Polycystic Ovarian Syndrome. Frontiers in Endocrinology, 2011, 2, 12.	3.5	1
24	Neuro(re)development Of Brain Circuitry: Linking Cell Biology to Psychiatric Discoveries. Frontiers in Psychiatry, 2013, 4, 65.	2.6	1