

John R Henley

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

4,726
citations

257450

24
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

5005
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamin-mediated Internalization of Caveolae. <i>Journal of Cell Biology</i> , 1998, 141, 85-99.	5.2	682
2	A p75NTR and Nogo receptor complex mediates repulsive signaling by myelin-associated glycoprotein. <i>Nature Neuroscience</i> , 2002, 5, 1302-1308.	14.8	421
3	Adaptation in the chemotactic guidance of nerve growth cones. <i>Nature</i> , 2002, 417, 411-418.	27.8	388
4	Calcium signalling in the guidance of nerve growth by netrin-1. <i>Nature</i> , 2000, 403, 93-98.	27.8	357
5	Cyclic AMP/GMP-dependent modulation of Ca ²⁺ channels sets the polarity of nerve growth-cone turning. <i>Nature</i> , 2003, 423, 990-995.	27.8	350
6	A Genomic Pathway Approach to a Complex Disease: Axon Guidance and Parkinson Disease. <i>PLoS Genetics</i> , 2007, 3, e98.	3.5	342
7	Guiding neuronal growth cones using Ca ²⁺ signals. <i>Trends in Cell Biology</i> , 2004, 14, 320-330.	7.9	329
8	Role of Dynamin in the Formation of Transport Vesicles from the Trans-Golgi Network. <i>Science</i> , 1998, 279, 573-577.	12.6	307
9	The dynamins: Redundant or distinct functions for an expanding family of related GTPases?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 377-384.	7.1	270
10	Electrical Activity Modulates Growth Cone Guidance by Diffusible Factors. <i>Neuron</i> , 2001, 29, 441-452.	8.1	245
11	Second messengers and membrane trafficking direct and organize growth cone steering. <i>Nature Reviews Neuroscience</i> , 2011, 12, 191-203.	10.2	172
12	Association of a dynamin-like protein with the Golgi apparatus in mammalian cells.. <i>Journal of Cell Biology</i> , 1996, 133, 761-775.	5.2	118
13	Calcium Mediates Bidirectional Growth Cone Turning Induced by Myelin-Associated Glycoprotein. <i>Neuron</i> , 2004, 44, 909-916.	8.1	107
14	Dynamin 2 mediates fluid-phase micropinocytosis in epithelial cells. <i>Journal of Cell Science</i> , 2007, 120, 4167-4177.	2.0	79
15	Asymmetric endocytosis and remodeling of β 1-integrin adhesions during growth cone chemorepulsion by MAG. <i>Nature Neuroscience</i> , 2010, 13, 829-837.	14.8	72
16	Cdc20 hypomorphic mice fail to counteract de novo synthesis of cyclin B1 in mitosis. <i>Journal of Cell Biology</i> , 2010, 191, 313-329.	5.2	53
17	Beyond Parkinson Disease: Amyotrophic Lateral Sclerosis and the Axon Guidance Pathway. <i>PLoS ONE</i> , 2008, 3, e1449.	2.5	51
18	Participation of dynamin in the biogenesis of cytoplasmic vesicles. <i>FASEB Journal</i> , 1999, 13, S243-7.	0.5	50

#	ARTICLE	IF	CITATIONS
19	Asymmetric PI(3,4,5)P ₃ and Akt Signaling Mediates Chemotaxis of Axonal Growth Cones. <i>Journal of Neuroscience</i> , 2011, 31, 7016-7027.	3.6	50
20	Attractiveness of the male <i>Acheta domesticus</i> calling song to females. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1991, 169, 751-64.	1.6	46
21	Evaluation of the behavioral roles of ascending auditory interneurons in calling song phonotaxis by the female cricket (<i>Acheta domesticus</i>). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1992, 170, 363.	1.6	38
22	Primary Neuron Culture for Nerve Growth and Axon Guidance Studies in Zebrafish (<i>Danio rerio</i>). <i>PLoS ONE</i> , 2013, 8, e57539.	2.5	36
23	Working with <i>Xenopus</i> Spinal Neurons in Live Cell Culture. <i>Methods in Cell Biology</i> , 2003, 71, 129-156.	1.1	35
24	Age-correlated changes and juvenile hormone III regulation of the syllable period specific responses of the L3 auditory interneurons in the cricket, <i>Acheta domesticus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1992, 170, 373.	1.6	25
25	Recent Advances in Monoclonal Antibody Therapies for Multiple Sclerosis. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 827-839.	3.1	21
26	Differential Role of PTEN Phosphatase in Chemotactic Growth Cone Guidance. <i>Journal of Biological Chemistry</i> , 2013, 288, 20837-20842.	3.4	19
27	Bidirectional remodeling of α 21-integrin adhesions during chemotropic regulation of nerve growth. <i>BMC Biology</i> , 2011, 9, 82.	3.8	18
28	Glucocorticoids Target Ependymal Glia and Inhibit Repair of the Injured Spinal Cord. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 56.	3.7	18
29	Semaphorin 3A mediated brain tumor stem cell proliferation and invasion in EGFRviii mutant gliomas. <i>BMC Cancer</i> , 2020, 20, 1213.	2.6	17
30	Single vesicle imaging indicates distinct modes of rapid membrane retrieval during nerve growth. <i>BMC Biology</i> , 2012, 10, 4.	3.8	10