James P Fawcett

List of Publications by Year
in descending order

39 papers	4,073 citations	279487 23 h-index	329751 37 g-index
39 all docs	39 docs citations	39 times ranked	5080 citing authors

#	Article	IF	Citations
1	A mammalian PAR-3â€“PAR-6 complex implicated in Cdc42/Rac1 and aPKC signalling and cell polarity. Nature Cell Biology, 2000, 2, 540-547.	4.6	666
2	Proteomic, Functional, and Domain-Based Analysis of In Vivo 14-3-3 Binding Proteins Involved in Cytoskeletal Regulation and Cellular Organization. Current Biology, 2004, 14, 1436-1450.	1.8	412
3	A Rich1/Amot Complex Regulates the Cdc42 GTPase and Apical-Polarity Proteins in Epithelial Cells. Cell, 2006, 125, 535-548.	13.5	352
4	A polarity complex of mPar-6 and atypical PKC binds, phosphorylates and regulates mammalian Lgl. Nature Cell Biology, 2003, 5, 301-308.	4.6	341
5	Differential Sorting of Nerve Growth Factor and Brain-Derived Neurotrophic Factor in Hippocampal Neurons. Journal of Neuroscience, 1999, 19, 2069-2080.	1.7	299
6	Synaptic Innervation Density Is Regulated by Neuron-Derived BDNF. Neuron, 1997, 18, 257-267.	3.8	259
7	Par6â€“aPKC uncouples ErbB2 induced disruption of polarized epithelial organization from proliferation control. Nature Cell Biology, 2006, 8, 1235-1245.	4.6	226
8	Par3 and Dynein Associate to Regulate Local Microtubule Dynamics and Centrosome Orientation during Migration. Current Biology, 2009, 19, 1065-1074.	1.8	168
9	Functional Evidence that BDNF Is an Anterograde Neuronal Trophic Factor in the CNS. Journal of Neuroscience, 1998, 18, 2808-2821.	1.7	161
10	The Polarity Protein Par-3 Directly Interacts with p75NTR to Regulate Myelination. Science, 2006, 314, 832-836.	6.0	135
11	Polarity Proteins in Axon Specification and Synaptogenesis. Developmental Cell, 2005, 8, 803-816.	3.1	123
12	Detection of Brain-derived Neurotrophic Factor in a Vesicular Fraction of Brain Synaptosomes. Journal of Biological Chemistry, 1997, 272, 8837-8840.	1.6	115
13	Activity-Dependent Activation of TrkB Neurotrophin Receptors in the Adult CNS. Learning and Memory, 1999, 6, 216-231.	0.5	92
14	Nck adaptor proteins control the organization of neuronal circuits important for walking. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20973-20978.	3.3	90
15	Antibody to NGF inhibits collateral sprouting of septohippocampal fibers following entorhinal cortex lesion in adult rats. Journal of Comparative Neurology, 1992, 326, 91-100.	0.9	80
16	NOS1AP Associates with Scribble and Regulates Dendritic Spine Development. Journal of Neuroscience, 2010, 30, 4796-4805.	1.7	64
17	Microbial eukaryotes have adapted to hypoxia by horizontal acquisitions of a gene involved in rhodoquinone biosynthesis. ELife, 2018, 7, .	2.8	51
18	Evidence that Brain-Derived Neurotrophic Factor from Presynaptic Nerve Terminals Regulates the Phenotype of Calbindin-Containing Neurons in the Lateral Septum. Journal of Neuroscience, 2000, 20, 274-282.	1.7	48

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19	Motoneurons Derived from Induced Pluripotent Stem Cells Develop Mature Phenotypes Typical of Endogenous Spinal Motoneurons. Journal of Neuroscience, 2015, 35, 1291-1306.	1.7	44
20	<scp>S</scp>im1 is required for the migration and axonal projections of V3 interneurons in the developing mouse spinal cord. Developmental Neurobiology, 2015, 75, 1003-1017.	1.5	43
21	Multiple KCNQ Potassium Channel Subtypes Mediate Basal Anion Secretion from the Human Airway Epithelial Cell Line Calu-3. Journal of Membrane Biology, 2008, 221, 153-163.	1.0	35
22	Guidance of Postural Motoneurons Requires MAPK/ERK Signaling Downstream of Fibroblast Growth Factor Receptor 1. Journal of Neuroscience, 2010, 30, 6595-6606.	1.7	34
23	Characterization of dopaminergic midbrain neurons in a DBH:BDNF transgenic mouse. , 1999, 413, 449-462.		30
24	Synaptopodin-2 induces assembly of peripheral actin bundles and immature focal adhesions to promote lamellipodia formation and prostate cancer cell migration. Oncotarget, 2015, 6, 11162-11174.	0.8	24
25	Pan-neurexin perturbation results in compromised synapse stability and a reduction in readily releasable synaptic vesicle pool size. Scientific Reports, 2017, 7, 42920.	1.6	24
26	NOS1AP Functionally Associates with YAP To Regulate Hippo Signaling. Molecular and Cellular Biology, 2015, 35, 2265-2277.	1.1	23
27	Analysis of 17Î²â€estradiol, estriol and estrone in American eel (<scp>Anguilla rostrata</scp>) tissue samples using liquid chromatography coupled to electrospray differential ion mobility tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2017, 31, 842-850.	0.7	22
28	Adipocyte-secreted chemerin is processed to a variety of isoforms and influences MMP3 and chemokine secretion through an NFkB-dependent mechanism. Molecular and Cellular Endocrinology, 2016, 436, 114-129.	1.6	21
29	The Hippo component YAP localizes in the nucleus of human papilloma virus positive oropharyngeal squamous cell carcinoma. Journal of Otolaryngology - Head and Neck Surgery, 2017, 46, 15.	0.9	21
30	The Stability of Glutamatergic Synapses Is Independent of Activity Level, but Predicted by Synapse Size. Frontiers in Cellular Neuroscience, 2019, 13, 291.	1.8	19
31	The polarity protein Angiomotin p130 controls dendritic spine maturation. Journal of Cell Biology, 2018, 217, 715-730.	2.3	12
32	<scp>NCK</scp> is critical for the development of deleted in colorectal cancer (<scp>DCC</scp>) sensitive spinal circuits. Journal of Neurochemistry, 2015, 134, 1008-1014.	2.1	11
33	Endoscopic Coregistered Ultrasound Imaging and Precision Histotripsy: Initial In Vivo Evaluation. BME Frontiers, 2022, 2022, .	2.2	10
34	NCK1 Regulates Amygdala Activity to Control Context-dependent Stress Responses and Anxiety in Male Mice. Neuroscience, 2020, 448, 107-125.	1.1	6
35	Mllt11 Regulates Migration and Neurite Outgrowth of Cortical Projection Neurons during Development. Journal of Neuroscience, 2022, 42, 3931-3948.	1.7	6
36	Emerging roles for angiomotin in the nervous system. Science Signaling, 2020, 13, .	1.6	3

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37	Heterozygous Dcc Mutant Mice Have a Subtle Locomotor Phenotype. ENeuro, 2022, 9, ENEURO.0216-18.2021.	0.9	2
38	Determination of Flow Rates in Capillary Liquid Chromatography Coupled to a Nanoelectrospray Source using Droplet Image Analysis Software. Analytical Chemistry, 2016, 88, 7476-7480.	3.2	1
39	The role of NGF in the peripheral nervous system. Restorative Neurology and Neuroscience, 1995, 8, 97-98.	0.4	0