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	Heterozygous Dcc Mutant Mice Have a Subtle Locomotor Phenotype. ENeuro, 2022, 9, ENEURO.0216-18.2021.	0.9	2
2	Mllt11 Regulates Migration and Neurite Outgrowth of Cortical Projection Neurons during Development. Journal of Neuroscience, 2022, 42, 3931-3948.	1.7	6
3	Endoscopic Coregistered Ultrasound Imaging and Precision Histotripsy: Initial In Vivo Evaluation. BME Frontiers, 2022, 2022, .	2.2	10
4	NCK1 Regulates Amygdala Activity to Control Context-dependent Stress Responses and Anxiety in Male Mice. Neuroscience, 2020, 448, 107-125.	1.1	6
5	Emerging roles for angiomotin in the nervous system. Science Signaling, 2020, 13, .	1.6	3
6	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
7	The polarity protein Angiomotin p130 controls dendritic spine maturation. Journal of Cell Biology, 2018, 217, 715-730.	2.3	12
8	Microbial eukaryotes have adapted to hypoxia by horizontal acquisitions of a gene involved in rhodoquinone biosynthesis. ELife, 2018, 7, .	2.8	51
9	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
10	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
11	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
12	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
13	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
14	<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
15	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
16	<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
17	NOS1AP Functionally Associates with YAP To Regulate Hippo Signaling. Molecular and Cellular Biology, 2015, 35, 2265-2277.	1.1	23
18	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

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19	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
20	NOS1AP Associates with Scribble and Regulates Dendritic Spine Development. Journal of Neuroscience, 2010, 30, 4796-4805.	1.7	64
21	Par3 and Dynein Associate to Regulate Local Microtubule Dynamics and Centrosome Orientation during Migration. Current Biology, 2009, 19, 1065-1074.	1.8	168
22	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
23	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
24	A Rich1/Amot Complex Regulates the Cdc42 GTPase and Apical-Polarity Proteins in Epithelial Cells. Cell, 2006, 125, 535-548.	13.5	352
25	Par6â€“aPKC uncouples ErbB2 induced disruption of polarized epithelial organization from proliferation control. Nature Cell Biology, 2006, 8, 1235-1245.	4.6	226
26	The Polarity Protein Par-3 Directly Interacts with p75NTR to Regulate Myelination. Science, 2006, 314, 832-836.	6.0	135
27	Polarity Proteins in Axon Specification and Synaptogenesis. Developmental Cell, 2005, 8, 803-816.	3.1	123
28	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
29	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
30	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
31	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
32	Differential Sorting of Nerve Growth Factor and Brain-Derived Neurotrophic Factor in Hippocampal Neurons. Journal of Neuroscience, 1999, 19, 2069-2080.	1.7	299
33	Characterization of dopaminergic midbrain neurons in a DBH:BDNF transgenic mouse. , 1999, 413, 449-462.		30
34	Activity-Dependent Activation of TrkB Neurotrophin Receptors in the Adult CNS. Learning and Memory, 1999, 6, 216-231.	0.5	92
35	Functional Evidence that BDNF Is an Anterograde Neuronal Trophic Factor in the CNS. Journal of Neuroscience, 1998, 18, 2808-2821.	1.7	161
36	Detection of Brain-derived Neurotrophic Factor in a Vesicular Fraction of Brain Synaptosomes. Journal of Biological Chemistry, 1997, 272, 8837-8840.	1.6	115

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37	Synaptic Innervation Density Is Regulated by Neuron-Derived BDNF. Neuron, 1997, 18, 257-267.	3.8	259
38	The role of NGF in the peripheral nervous system. Restorative Neurology and Neuroscience, 1995, 8, 97-98.	0.4	0
39	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