Jean-Antoine Girault

List of Publications by Year
in descending order

183 papers	16,837 citations	15001 68 h-index	19470 122 g-index
200 all docs	200 docs citations	200 times ranked	17190 citing authors

#	Article	IF	Citations
1	Cell-type- and region-specific modulation of cocaine seeking by micro-RNA-1 in striatal projection neurons. Molecular Psychiatry, 2022, 27, 918-928.	4.1	6
2	Mouse Modeling Dissecting Macrophageâ€“Breast Cancer Communication Uncovered Roles of PYK2 in Macrophage Recruitment and Breast Tumorigenesis. Advanced Science, 2022, 9, e2105696.	5.6	14
3	Translational profiling of mouse dopaminoceptive neurons reveals region-specific gene expression, exon usage, and striatal prostaglandin E2 modulatory effects. Molecular Psychiatry, 2022, 27, 2068-2079.	4.1	12
4	Pyk2 Regulates MAMs and Mitochondrial Dynamics in Hippocampal Neurons. Cells, 2022, 11, 842.	1.8	2
5	Hippocampal Egr1-Dependent Neuronal Ensembles Negatively Regulate Motor Learning. Journal of Neuroscience, 2022, 42, 5346-5360.	1.7	3
6	DARPP-32 40 years later. Advances in Pharmacology, 2021, 90, 67-87.	1.2	15
7	Longâ€lasting tagging of neurons activated by seizures or cocaine administration in Egr1â€CreER^{T2} transgenic mice. European Journal of Neuroscience, 2021, 53, 1450-1472.	1.2	4
8	Dopamine D1 receptorâ€expressing neurons activity is essential for locomotor and sensitizing effects of a single injection of cocaine. European Journal of Neuroscience, 2021, 54, 5327-5340.	1.2	2
9	Pyk2 in dorsal hippocampus plays a selective role in spatial memory and synaptic plasticity. Scientific Reports, 2021, 11, 16357.	1.6	8
10	The Non-receptor Tyrosine Kinase Pyk2 in Brain Function and Neurological and Psychiatric Diseases. Frontiers in Synaptic Neuroscience, 2021, 13, 749001.	1.3	21
11	A regulatory pathway linking caffeine action, mood and the diurnal clock. Neuropharmacology, 2020, 172, 108133.	2.0	8
12	The non-receptor tyrosine kinase Pyk2 modulates acute locomotor effects of cocaine in D1 receptor-expressing neurons of the nucleus accumbens. Scientific Reports, 2020, 10, 6619.	1.6	7
13	fMRI detects bilateral brain network activation following unilateral chemogenetic activation of direct striatal projection neurons. NeuroImage, 2020, 220, 117079.	2.1	16
14	Epigenetic tinkering with neurotransmitters. Science, 2020, 368, 134-135.	6.0	10
15	Functional and molecular heterogeneity of D2R neurons along dorsal ventral axis in the striatum. Nature Communications, 2020, 11, 1957.	5.8	41
16	Pyk2 in the amygdala modulates chronic stress sequelae via PSD-95-related micro-structural changes. Translational Psychiatry, 2019, 9, 3.	2.4	22
17	Conditional BDNF delivery from astrocytes rescues memory deficits, spine density and synaptic properties in the 5xFAD mouse model of Alzheimer disease. Journal of Neuroscience, 2019, 39, 2121-18.	1.7	105
18	Two-photon Imaging of Microglial Processes' Attraction Toward ATP or Serotonin in Acute Brain Slices. Journal of Visualized Experiments, 2019, , .	0.2	14

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19	Differential enhancement of ERK, PKA and Ca2+ signaling in direct and indirect striatal neurons of Parkinsonian mice. Neurobiology of Disease, 2019, 130, 104506.	2.1	12
20	PKR knockout in the 5xFAD model of Alzheimer's disease reveals beneficial effects on spatial memory and brain lesions. Aging Cell, 2019, 18, e12887.	3.0	28
21	Cyclin-Dependent Kinase 5 Dysfunction Contributes to Depressive-like Behaviors in Huntingtonâ€™s Disease by Altering the DARPP-32 Phosphorylation Status in the Nucleus Accumbens. Biological Psychiatry, 2019, 86, 196-207.	0.7	17
22	Ghrelin and food reward. Neuropharmacology, 2019, 148, 131-138.	2.0	59
23	Cocaine conditioned place preference: unexpected suppression of preference due to testing combined with strong conditioning. Addiction Biology, 2019, 24, 364-375.	1.4	10
24	Genetic variants in autism-related CNTNAP2 impair axonal growth of cortical neurons. Human Molecular Genetics, 2018, 27, 1941-1954.	1.4	44
25	PTK2B/Pyk2 overexpression improves a mouse model of Alzheimer's disease. Experimental Neurology, 2018, 307, 62-73.	2.0	36
26	Schwannomin-interacting Protein 1 Isoform IQCJ-SCHIP1 Is a Multipartner Ankyrin- and Spectrin-binding Protein Involved in the Organization of Nodes of Ranvier. Journal of Biological Chemistry, 2017, 292, 2441-2456.	1.6	6
27	Heterozygous Gnal Mice Are a Novel Animal Model with Which to Study Dystonia Pathophysiology. Journal of Neuroscience, 2017, 37, 6253-6267.	1.7	33
28	Pyk2 modulates hippocampal excitatory synapses and contributes to cognitive deficits in a Huntingtonâ€™s disease model. Nature Communications, 2017, 8, 15592.	5.8	81
29	Helios expression coordinates the development of a subset of striatopallidal medium spiny neurons. Development (Cambridge), 2017, 144, 1566-1577.	1.2	17
30	Glutamate Counteracts Dopamine/PKA Signaling via Dephosphorylation of DARPP-32 Ser-97 and Alteration of Its Cytonuclear Distribution. Journal of Biological Chemistry, 2017, 292, 1462-1476.	1.6	23
31	Dendritic diameter influences the rate and magnitude of hippocampal cAMP and PKA transients during Î²-adrenergic receptor activation. Neurobiology of Learning and Memory, 2017, 138, 10-20.	1.0	9
32	<scp>P</scp>yk2 is essential for astrocytes mobility following brain lesion. Glia, 2016, 64, 620-634.	2.5	24
33	Acute drug-induced spine changes in the nucleus accumbens are dependent on Î²-adducin. Neuropharmacology, 2016, 110, 333-342.	2.0	5
34	A translational systems biology approach in both animals and humans identifies a functionally related module of accumbal genes involved in the regulation of reward processing and binge drinking in males. Journal of Psychiatry and Neuroscience, 2016, 41, 192-202.	1.4	16
35	DARPP-32 interaction with adducin may mediate rapid environmental effects on striatal neurons. Nature Communications, 2015, 6, 10099.	5.8	37
36	Unilateral Lesion of Dopamine Neurons Induces Grooming Asymmetry in the Mouse. PLoS ONE, 2015, 10, e0137185.	1.1	11

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37	The cytoskeleton-associated protein SCHIP1 is involved in axon guidance, and is required for piriform cortex and anterior commissure development. Development (Cambridge), 2015, 142, 2026-2036.	1.2	15
38	PKA-Dependent Phosphorylation of Ribosomal Protein S6 Does Not Correlate with Translation Efficiency in Striatonigral and Striatopallidal Medium-Sized Spiny Neurons. Journal of Neuroscience, 2015, 35, 4113-4130.	1.7	61
39	Gene Expression Analyses Identify Narp Contribution in the Development of l-DOPA-Induced Dyskinesia. Journal of Neuroscience, 2015, 35, 96-111.	1.7	39
40	Conformational Dynamics of the Focal Adhesion Targeting Domain Control Specific Functions of Focal Adhesion Kinase in Cells. Journal of Biological Chemistry, 2015, 290, 478-491.	1.6	27
41	How to awaken your nanomachines: Site-specific activation of focal adhesion kinases through ligand interactions. Progress in Biophysics and Molecular Biology, 2015, 119, 60-71.	1.4	30
42	Dendritic geometry shapes neuronal cAMP signalling to the nucleus. Nature Communications, 2015, 6, 6319.	5.8	46
43	Selective Effects of PDE10A Inhibitors on Striatopallidal Neurons Require Phosphatase Inhibition by DARPP-32. ENeuro, 2015, 2, ENEURO.0060-15.2015.	0.9	34
44	Role of the Plasticity-Associated Transcription Factor Zif268 in the Early Phase of Instrumental Learning. PLoS ONE, 2014, 9, e81868.	1.1	17
45	FAK dimerization controls its kinase-dependent functions at focal adhesions. EMBO Journal, 2014, 33, 356-370.	3.5	101
46	Haloperidol-induced Nur77 expression in striatopallidal neurons is under the control of protein phosphatase 1 regulation by DARPP-32. Neuropharmacology, 2014, 79, 559-566.	2.0	6
47	Mitogen- and stress-activated protein kinase 1 is required for specific signaling responses in dopamine-denervated mouse striatum, but is not necessary for l-DOPA-induced dyskinesia. Neuroscience Letters, 2014, 583, 76-80.	1.0	7
48	Fluorescenceâ€activated sorting of fixed nuclei: a general method for studying nuclei from specific cell populations that preserves postâ€translational modifications. European Journal of Neuroscience, 2014, 39, 1234-1244.	1.2	16
49	Pyk2 cytonuclear localization: mechanisms and regulation by serine dephosphorylation. Cellular and Molecular Life Sciences, 2013, 70, 137-152.	2.4	21
50	Mechanisms of Site-Specific Functions of Focal Adhesion Kinase. Biophysical Journal, 2013, 104, 609a.	0.2	1
51	Haloperidol promotes mTORC1-dependent phosphorylation of ribosomal protein S6 via dopamine- and cAMP-regulated phosphoprotein of 32ÂkDa and inhibition of protein phosphatase-1. Neuropharmacology, 2013, 72, 197-203.	2.0	44
52	Transient and rapid activation of Akt/GSKâ€3Î² and <scp>mTORC</scp>1 signaling by D3 dopamine receptor stimulation in dorsal striatum and nucleus accumbens. Journal of Neurochemistry, 2013, 125, 532-544.	2.1	31
53	Striatal neurones have a specific ability to respond to phasic dopamine release. Journal of Physiology, 2013, 591, 3197-3214.	1.3	54
54	Differential effects of cocaine on histone posttranslational modifications in identified populations of striatal neurons. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9511-9516.	3.3	51

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55	Distribution and compartmental organization of GABAergic medium-sized spiny neurons in the mouse nucleus accumbens. Frontiers in Neural Circuits, 2013, 7, 22.	1.4	105
56	Spatial distribution of D1R- and D2R-expressing medium-sized spiny neurons differs along the rostro-caudal axis of the mouse dorsal striatum. Frontiers in Neural Circuits, 2013, 7, 124.	1.4	96
57	RASGRF2 regulates alcohol-induced reinforcement by influencing mesolimbic dopamine neuron activity and dopamine release. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21128-21133.	3.3	90
58	Signaling in Striatal Neurons. Progress in Molecular Biology and Translational Science, 2012, 106, 33-62.	0.9	44
59	GÂolf Mutation Allows Parsing the Role of cAMP-Dependent and Extracellular Signal-Regulated Kinase-Dependent Signaling in L-3,4-Dihydroxyphenylalanine-Induced Dyskinesia. Journal of Neuroscience, 2012, 32, 5900-5910.	1.7	78
60	Integrating Neurotransmission in Striatal Medium Spiny Neurons. Advances in Experimental Medicine and Biology, 2012, 970, 407-429.	0.8	79
61	Focal Adhesion Kinase Splice Variants Maintain Primitive Acute Myeloid Leukemia Cells Through Altered Wnt Signaling. Stem Cells, 2012, 30, 1597-1610.	1.4	41
62	Characterization of dopamine D1 and D2 receptorâ€expressing neurons in the mouse hippocampus. Hippocampus, 2012, 22, 2199-2207.	0.9	115
63	Cyclic Adenosine Monophosphateâ€“Independent Tyrosine Phosphorylation of NR2B Mediates Cocaine-Induced Extracellular Signal-Regulated Kinase Activation. Biological Psychiatry, 2011, 69, 218-227.	0.7	110
64	Signaling from the Cytoplasm to the Nucleus in Striatal Medium-Sized Spiny Neurons. Frontiers in Neuroanatomy, 2011, 5, 37.	0.9	24
65	DARPP-32, Jack of All Trades? Master of Which?. Frontiers in Behavioral Neuroscience, 2011, 5, 56.	1.0	96
66	Nodes of Ranvier and Paranodes in Chronic Acquired Neuropathies. PLoS ONE, 2011, 6, e14533.	1.1	56
67	Protein 4.1B Contributes to the Organization of Peripheral Myelinated Axons. PLoS ONE, 2011, 6, e25043.	1.1	52
68	Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7119-7124.	3.3	258
69	Haloperidol Regulates the State of Phosphorylation of Ribosomal Protein S6 via Activation of PKA and Phosphorylation of DARPP-32. Neuropsychopharmacology, 2011, 36, 2561-2570.	2.8	65
70	What is the degree of segregation between striatonigral and striatopallidal projections?. Frontiers in Neuroanatomy, 2010, 4, .	0.9	108
71	Mechanisms of Locomotor Sensitization to Drugs of Abuse in a Two-Injection Protocol. Neuropsychopharmacology, 2010, 35, 401-415.	2.8	180
72	DARPP-32 binds to tra2-beta1 and influences alternative splicing. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2010, 1799, 448-453.	0.9	18

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73	Striatal Medium-Sized Spiny Neurons: Identification by Nuclear Staining and Study of Neuronal Subpopulations in BAC Transgenic Mice. PLoS ONE, 2009, 4, e4770.	1.1	214
74	Autophosphorylation-independent and -dependent Functions of Focal Adhesion Kinase during Development. Journal of Biological Chemistry, 2009, 284, 34769-34776.	1.6	45
75	Histone H3 Phosphorylation is Under the Opposite Tonic Control of Dopamine D2 and Adenosine A2A Receptors in Striatopallidal Neurons. Neuropsychopharmacology, 2009, 34, 1710-1720.	2.8	85
76	<scp>l</scp>â€ÐOPA activates ERK signaling and phosphorylates histone H3 in the striatonigral medium spiny neurons of hemiparkinsonian mice. Journal of Neurochemistry, 2009, 108, 621-633.	2.1	164
77	Role of the ERK/MSK1 signalling pathway in chromatin remodelling and brain responses to drugs of abuse. Journal of Neurochemistry, 2009, 108, 1323-1335.	2.1	140
78	Looking BAC at striatal signaling: cell-specific analysis in new transgenic mice. Trends in Neurosciences, 2009, 32, 538-547.	4.2	196
79	ARPP-16/ARPP-19: a highly conserved family of cAMP-regulated phosphoproteins. Journal of Neurochemistry, 2008, 77, 229-238.	2.1	3
80	A phosphatase cascade by which rewarding stimuli control nucleosomal response. Nature, 2008, 453, 879-884.	13.7	219
81	Delayed, context- and dopamine D1 receptor-dependent activation of ERK in morphine-sensitized mice. Neuropharmacology, 2008, 55, 230-237.	2.0	30
82	Opposing Patterns of Signaling Activation in Dopamine D₁and D₂Receptor-Expressing Striatal Neurons in Response to Cocaine and Haloperidol. Journal of Neuroscience, 2008, 28, 5671-5685.	1.7	526
83	Tumor Suppressor Schwannomin/Merlin Is Critical for the Organization of Schwann Cell Contacts in Peripheral Nerves. Journal of Neuroscience, 2008, 28, 10472-10481.	1.7	26
84	Schwannomin-Interacting Protein-1 Isoform IQCJ-SCHIP-1 Is a Late Component of Nodes of Ranvier and Axon Initial Segments. Journal of Neuroscience, 2008, 28, 6111-6117.	1.7	26
85	Role of Cannabinoid Type 1 Receptors in Locomotor Activity and Striatal Signaling in Response to Psychostimulants. Journal of Neuroscience, 2007, 27, 6937-6947.	1.7	115
86	Critical Involvement of cAMP/DARPP-32 and Extracellular Signal-Regulated Protein Kinase Signaling in L-DOPA-Induced Dyskinesia. Journal of Neuroscience, 2007, 27, 6995-7005.	1.7	400
87	Calcineurin is essential for depolarization-induced nuclear translocation and tyrosine phosphorylation of PYK2 in neurons. Journal of Cell Science, 2007, 120, 3034-3044.	1.2	33
88	Quantitative Changes in GÎ±olf Protein Levels, but not D1 Receptor, Alter Specifically Acute Responses to Psychostimulants. Neuropsychopharmacology, 2007, 32, 1109-1121.	2.8	63
89	PGY Repeats and N-Glycans Govern the Trafficking of Paranodin and Its Selective Association with Contactin and Neurofascin-155. Molecular Biology of the Cell, 2007, 18, 229-241.	0.9	47
90	ERK2: a logical AND gate critical for drug-induced plasticity?. Current Opinion in Pharmacology, 2007, 7, 77-85.	1.7	304

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91	How can drug discovery for psychiatric disorders be improved?. Nature Reviews Drug Discovery, 2007, 6, 189-201.	21.5	217
92	Role of the ERK pathway in psychostimulant-induced locomotor sensitization. BMC Neuroscience, 2006, 7, 20.	0.8	146
93	Organization and post-transcriptional processing of focal adhesion kinase gene. BMC Genomics, 2006, 7, 198.	1.2	67
94	DARPP-32 Is a Robust Integrator of Dopamine and Glutamate Signals. PLoS Computational Biology, 2006, 2, e176.	1.5	139
95	Nodal, paranodal and juxtaparanodal axonal proteins during demyelination and remyelination in multiple sclerosis. Brain, 2006, 129, 3186-3195.	3.7	189
96	Inhibition of ERK pathway or protein synthesis during reexposure to drugs of abuse erases previously learned place preference. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2932-2937.	3.3	273
97	Plasticity-Associated Gene Krox24/Zif268 Is Required for Long-Lasting Behavioral Effects of Cocaine. Journal of Neuroscience, 2006, 26, 4956-4960.	1.7	111
98	Chapter II Signal transduction of dopamine receptors. Handbook of Chemical Neuroanatomy, 2005, , 109-151.	0.3	5
99	Phosphorylation of Arfaptin 2 at Ser260 by Akt Inhibits PolyQ-huntingtin-induced Toxicity by Rescuing Proteasome Impairment. Journal of Biological Chemistry, 2005, 280, 22021-22028.	1.6	45
100	cAMP and Extracellular Signal-Regulated Kinase Signaling in Response to d-Amphetamine and Methylphenidate in the Prefrontal Cortex in Vivo: Role of Î²1-Adrenoceptors. Molecular Pharmacology, 2005, 68, 421-429.	1.0	54
101	Depolarization Activates ERK and Proline-rich Tyrosine Kinase 2 (PYK2) Independently in Different Cellular Compartments in Hippocampal Slices. Journal of Biological Chemistry, 2005, 280, 660-668.	1.6	42
102	Differential regulation of Cdc2 and Aurora-A in Xenopus oocytes: a crucial role of phosphatase 2A. Journal of Cell Science, 2005, 118, 2485-2494.	1.2	31
103	Parsing Molecular and Behavioral Effects of Cocaine in Mitogen- and Stress-Activated Protein Kinase-1-Deficient Mice. Journal of Neuroscience, 2005, 25, 11444-11454.	1.7	263
104	From The Cover: Regulation of a protein phosphatase cascade allows convergent dopamine and glutamate signals to activate ERK in the striatum. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 491-496.	3.3	558
105	FAK and PYK2 interact with SAP90/PSD-95-Associated Protein-3. Biochemical and Biophysical Research Communications, 2005, 337, 641-646.	1.0	22
106	MafA transcription factor is phosphorylated by p38 MAP kinase. FEBS Letters, 2005, 579, 3547-3554.	1.3	41
107	Protein interaction mapping: A Drosophila case study. Genome Research, 2005, 15, 376-384.	2.4	509
108	The Neurobiology of Dopamine Signaling. Archives of Neurology, 2004, 61, 641.	4.9	358

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109	Persistent Increase in Olfactory Type G-Protein Â Subunit Levels May Underlie D1 Receptor Functional Hypersensitivity in Parkinson Disease. Journal of Neuroscience, 2004, 24, 7007-7014.	1.7	146
110	Addictive and non-addictive drugs induce distinct and specific patterns of ERK activation in mouse brain. European Journal of Neuroscience, 2004, 19, 1826-1836.	1.2	389
111	DARPP-32: An Integrator of Neurotransmission. Annual Review of Pharmacology and Toxicology, 2004, 44, 269-296.	4.2	639
112	The role of DARPP-32 in the actions of drugs of abuse. Neuropharmacology, 2004, 47, 14-23.	2.0	117
113	Focal Adhesion Kinase pp125FAK Interacts With the Large Conductance Calcium-Activated hSlo Potassium Channel in Human Osteoblasts: Potential Role in Mechanotransduction. Journal of Bone and Mineral Research, 2003, 18, 1863-1871.	3.1	75
114	Syndecan-3 and syndecan-4 are enriched in Schwann cell perinodal processes. BMC Neuroscience, 2003, 4, 29.	0.8	45
115	Transmembrane scaffolding proteins in the formation and stability of nodes of Ranvier. Biology of the Cell, 2003, 95, 447-452.	0.7	17
116	Association of Caspr/paranodin with tumour suppressor schwannomin/merlin and Î²1 integrin in the central nervous system. Journal of Neurochemistry, 2003, 84, 209-221.	2.1	31
117	Specific interactions of neuronal focal adhesion kinase isoforms with Src kinases and amphiphysin. Journal of Neurochemistry, 2003, 84, 253-265.	2.1	22
118	Protein 4.1B associates with both Caspr/paranodin and Caspr2 at paranodes and juxtaparanodes of myelinated fibres. European Journal of Neuroscience, 2003, 17, 411-416.	1.2	124
119	The Paranodal Complex of F3/Contactin and Caspr/Paranodin Traffics to the Cell Surface via a Non-conventional Pathway. Journal of Biological Chemistry, 2003, 278, 48339-48347.	1.6	61
120	Localization of focal adhesion kinase isoforms in cells of the central nervous system. International Journal of Developmental Neuroscience, 2003, 21, 83-93.	0.7	29
121	Association of TAG-1 with Caspr2 is essential for the molecular organization of juxtaparanodal regions of myelinated fibers. Journal of Cell Biology, 2003, 162, 1161-1172.	2.3	218
122	PIAS1-mediated Sumoylation of Focal Adhesion Kinase Activates Its Autophosphorylationn. Journal of Biological Chemistry, 2003, 278, 47434-47440.	1.6	91
123	Regulation of Extracellular Signal-Regulated Kinase by Cannabinoids in Hippocampus. Journal of Neuroscience, 2003, 23, 2371-2382.	1.7	304
124	Adenylate Cyclase 1 as a Key Actor in the Refinement of Retinal Projection Maps. Journal of Neuroscience, 2003, 23, 2228-2238.	1.7	66
125	Possible Role of the Extracellular Signal-Regulated Kinase (ERK) in Reward-Controlled Learning and Addiction. Current Neuropharmacology, 2003, 1, 165-174.	1.4	9
126	Alternative Splicing Controls the Mechanisms of FAK Autophosphorylation. Molecular and Cellular Biology, 2002, 22, 7731-7743.	1.1	118

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127	F3/contactin, a neuronal cell adhesion molecule implicated in axogenesis and myelination. Biology of the Cell, 2002, 94, 327-334.	0.7	120
128	Neurofascin Is a Glial Receptor for the Paranodin/Caspr-Contactin Axonal Complex at the Axoglial Junction. Current Biology, 2002, 12, 217-220.	1.8	266
129	A molecular view on paranodal junctions of myelinated fibers. Journal of Physiology (Paris), 2002, 96, 99-103.	2.1	7
130	Development of nodes of Ranvier. Current Opinion in Neurobiology, 2002, 12, 476-485.	2.0	104
131	The translocation of focal adhesion kinase in brain synaptosomes is regulated by phosphorylation and actin assembly. Journal of Neurochemistry, 2002, 81, 1212-1222.	2.1	16
132	Gî±_{olf}Levels Are Regulated by Receptor Usage and Control Dopamine and Adenosine Action in the Striatum. Journal of Neuroscience, 2001, 21, 4390-4399.	1.7	156
133	Cannabinoids activate p38â€ƒmitogen-activated protein kinases through CB1 receptors in hippocampus. Journal of Neurochemistry, 2001, 77, 957-960.	2.1	145
134	Effects of riluzole on N-methyl-d-aspartate-induced tyrosine phosphorylation in the rat hippocampus. Brain Research, 2001, 903, 222-225.	1.1	8
135	ARPP-16/ARPP-19: a highly conserved family of cAMP-regulated phosphoproteins. Journal of Neurochemistry, 2001, 77, 229-238.	2.1	57
136	Dual Role of Fyn in the Regulation of FAK+6,7 by Cannabinoids in Hippocampus. Journal of Biological Chemistry, 2001, 276, 38289-38296.	1.6	53
137	Ezrin Interacts with Focal Adhesion Kinase and Induces Its Activation Independently of Cell-matrix Adhesion. Journal of Biological Chemistry, 2001, 276, 37686-37691.	1.6	103
138	Essential role of oligodendrocytes in the formation and maintenance of central nervous system nodal regions. Development (Cambridge), 2001, 128, 4881-4890.	1.2	64
139	Autophosphorylation of Tyr397 and its phosphorylation by Src-family kinases are altered in focal-adhesion-kinase neuronal isoforms. Biochemical Journal, 2000, 348, 119.	1.7	10
140	Autophosphorylation of Tyr397 and its phosphorylation by Src-family kinases are altered in focal-adhesion-kinase neuronal isoforms. Biochemical Journal, 2000, 348, 119-128.	1.7	38
141	Echistatin inhibits pp125FAK autophosphorylation, paxillin phosphorylation and pp125FAK-paxillin interaction in fibronectin-adherent melanoma cells. FEBS Journal, 2000, 267, 5047-5054.	0.2	24
142	The Glycosylphosphatidyl Inositol-Anchored Adhesion Molecule F3/Contactin Is Required for Surface Transport of Paranodin/Contactin-Associated Protein (Caspr). Journal of Cell Biology, 2000, 149, 491-502.	2.3	119
143	Axo-Glial Interactions Regulate the Localization of Axonal Paranodal Proteins. Journal of Cell Biology, 1999, 147, 1145-1152.	2.3	236
144	FAK+and PYK2/CAKÎ², two related tyrosine kinases highly expressed in the central nervous system: similarities and differences in the expression pattern. European Journal of Neuroscience, 1999, 11, 3777-3788.	1.2	80

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145	Phosphorylation of DARPP-32 by Cdk5 modulates dopamine signalling in neurons. Nature, 1999, 402, 669-671.	13.7	538
146	The N-termini of FAK and JAKs contain divergent band 4.1 domains. Trends in Biochemical Sciences, 1999, 24, 54-57.	3.7	154
147	FAK and PYK2/CAKÎ² in the nervous system: a link between neuronal activity, plasticity and survival?. Trends in Neurosciences, 1999, 22, 257-263.	4.2	178
148	Requirement of Pyk2 for the activation of the MAP kinase cascade induced by Ca2+(but not by PKC or G) Tj ETQq0 0 0 rgBT /Overlock 1	1.3	12
149	Sequence Analysis Identifies a Ras-Associating (RA)-like Domain in the N-Termini of Band 4.1/JEF Domains and in the Grb7/10/14 Adapter Family. Biochemical and Biophysical Research Communications, 1999, 259, 113-120.	1.0	46
150	Histone acetyltransferase activity of CBP is controlled by cycle-dependent kinases and oncoprotein E1A. Nature, 1998, 396, 184-186.	13.7	291
151	Differential regulation of FAK+ and PYK2/CakÎ², two related tyrosine kinases, in rat hippocampal slices: effects of LPA, carbachol, depolarization and hyperosmolarity. European Journal of Neuroscience, 1998, 10, 1667-1675.	1.2	58
152	The DARPP-32/protein phosphatase-1 cascade: a model for signal integration1Published on the World Wide Web on 22 January 1998.1. Brain Research Reviews, 1998, 26, 274-284.	9.1	152
153	DARPP-32: Regulator of the Efficacy of Dopaminergic Neurotransmission. , 1998, 281, 838-842.		428
154	Dephosphorylation of Ser-137 in DARPP-32 by protein phosphatases 2A and 2C: different roles in vitro and in striatonigral neurons. Biochemical Journal, 1998, 330, 211-216.	1.7	28
155	Janus Kinases and Focal Adhesion Kinases Play in the 4.1 Band: A Superfamily of Band 4.1 Domains Important for Cell Structure and Signal Transduction. Molecular Medicine, 1998, 4, 751-769.	1.9	89
156	Endothelin Induces a Calciumâ€Dependent Phosphorylation of PEAâ€15 in Intact Astrocytes: Identification of Ser¹⁰⁴ and Ser¹¹⁶ Phosphorylated, Respectively, by Protein Kinase C and Calcium/Calmodulin Kinase II In Vitro. Journal of Neurochemistry, 1998, 71, 1307-1314.	2.1	77
157	Protein Tyrosine Phosphorylation. , 1997, , 251-274.		6
158	Alternatively Spliced Focal Adhesion Kinase in Rat Brain with Increased Autophosphorylation Activity. Journal of Biological Chemistry, 1997, 272, 28720-28725.	1.6	52
159	Paranodin, a Glycoprotein of Neuronal Paranodal Membranes. Neuron, 1997, 19, 319-331.	3.8	231
160	Glutamate-Dependent Phosphorylation of Elongation Factor-2 and Inhibition of Protein Synthesis in Neurons. Journal of Neuroscience, 1997, 17, 3445-3454.	1.7	165
161	Growth Factor Activity of Endothelin-1 in Primary Astrocytes Mediated by Adhesion-Dependent and -Independent Pathways. Journal of Neuroscience, 1997, 17, 6203-6212.	1.7	95
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