Jacques Baudier

List of Publications by Year
in descending order

69	4,114	94433	114465
papers	citations	37 h-index	63 g-index

69	69	69	4504
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The S100B Protein and Partners in Adipocyte Response to Cold Stress and Adaptive Thermogenesis: Facts, Hypotheses, and Perspectives. Biomolecules, 2020, 10, 843.	4.0	9
2	The Zn²⁺ and Ca²⁺â€binding S100B and S100A1 proteins: beyond the myths. Biological Reviews, 2020, 95, 738-758.	10.4	19
3	The filamin-Bâ€“refilin axis â€“ spatiotemporal regulators of the actin-cytoskeleton in development and disease. Journal of Cell Science, 2018, 131, .	2.0	13
4	ATAD3 proteins: brokers of a mitochondriaâ€“endoplasmic reticulum connection in mammalian cells. Biological Reviews, 2018, 93, 827-844.	10.4	68
5	IQGAP1 Protein. , 2017, , 2355-2357.		0
6	Refilins are short-lived Actin-bundling proteins that regulate lamellipodium protrusion dynamics. Biology Open, 2016, 5, 1351-1361.	1.2	4
7	COX assembly factor ccdc56 regulates mitochondrial morphology by affecting mitochondrial recruitment of Drp1. FEBS Letters, 2015, 589, 3126-3132.	2.8	8
8	IQGAP1 Protein. , 2015, , 1-3.		0
9	S100A1 and S100B are dispensable for endochondral ossification during skeletal development. Biomedical Research, 2014, 35, 243-250.	0.9	6
10	ATAD3B is a human embryonic stem cell specific mitochondrial protein, re-expressed in cancer cells, that functions as dominant negative for the ubiquitous ATAD3A. Mitochondrion, 2012, 12, 441-448.	3.4	32
11	Refilins. Bioarchitecture, 2011, 1, 245-249.	1.5	8
12	RefilinB (FAM101B) targets FilaminA to organize perinuclear actin networks and regulates nuclear shape. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11464-11469.	7.1	78
13	Refilin holds the cap. Communicative and Integrative Biology, 2011, 4, 791-795.	1.4	13
14	S100P Is a Novel Interaction Partner and Regulator of IQGAP1. Journal of Biological Chemistry, 2011, 286, 7227-7238.	3.4	49
15	IQGAP1 Protein. , 2011, , 1910-1911.		0
16	The AAA⁺ ATPase ATAD3A Controls Mitochondrial Dynamics at the Interface of the Inner and Outer Membranes. Molecular and Cellular Biology, 2010, 30, 1984-1996.	2.3	124
17	The Calcium-Dependent Interaction between S100B and the Mitochondrial AAA ATPase ATAD3A and the Role of This Complex in the Cytoplasmic Processing of ATAD3A. Molecular and Cellular Biology, 2010, 30, 2724-2736.	2.3	43
18	NG2-expressing glial precursor cells are a new potential oligodendroglioma cell initiating population in N -ethyl- N -nitrosourea-induced gliomagenesis. Carcinogenesis, 2010, 31, 1718-1725.	2.8	27

#	Article	IF	Citations
19	Disruption of CK2Î² in Embryonic Neural Stem Cells Compromises Proliferation and Oligodendrogenesis in the Mouse Telencephalon. Molecular and Cellular Biology, 2010, 30, 2737-2749.	2.3	52
20	The Drosophila Ubiquitin-Specific Protease dUSP36/Scny Targets IMD to Prevent Constitutive Immune Signaling. Cell Host and Microbe, 2009, 6, 309-320.	11.0	76
21	ATAD 3A and ATAD 3B are distal 1p-located genes differentially expressed in human glioma cell lines and present in vitro anti-oncogenic and chemoresistant properties. Experimental Cell Research, 2008, 314, 2870-2883.	2.6	42
22	IQGAP1 Regulates Adult Neural Progenitors In Vivo and Vascular Endothelial Growth Factor-Triggered Neural Progenitor Migration In Vitro. Journal of Neuroscience, 2007, 27, 4716-4724.	3.6	38
23	AHNAK a novel component of the dysferlin protein complex, redistributes to the cytoplasm with dysferlin during skeletal muscle regeneration. FASEB Journal, 2007, 21, 732-742.	0.5	133
24	S100B expression defines a state in which GFAPâ€expressing cells lose their neural stem cell potential and acquire a more mature developmental stage. Glia, 2007, 55, 165-177.	4.9	311
25	IQGAP1 Protein Specifies Amplifying Cancer Cells in Glioblastoma Multiforme. Cancer Research, 2006, 66, 9074-9082.	0.9	50
26	Identification of an AHNAK Binding Motif Specific for the Annexin2/S100A10 Tetramer. Journal of Biological Chemistry, 2006, 281, 35030-35038.	3.4	37
27	Specific AHNAK expression in brain endothelial cells with barrier properties. Journal of Cellular Physiology, 2005, 203, 362-371.	4.1	57
28	AHNAK interaction with the annexin 2/S100A10 complex regulates cell membrane cytoarchitecture. Journal of Cell Biology, 2004, 164, 133-144.	5.2	192
29	Nuclear expression of S100B in oligodendrocyte progenitor cells correlates with differentiation toward the oligodendroglial lineage and modulates oligodendrocytes maturation. Molecular and Cellular Neurosciences, 2004, 27, 453-465.	2.2	139
30	Monitoring of S100 homodimerization and heterodimeric interactions by the yeast two-hybrid system. Microscopy Research and Technique, 2003, 60, 560-568.	2.2	29
31	Expression of the Giant Protein AHNAK (Desmoyokin) in Muscle and Lining Epithelial Cells. Journal of Histochemistry and Cytochemistry, 2003, 51, 339-348.	2.5	42
32	S100 Proteins: From Purification to Functions. , 2002, 172, 185-198.		8
33	The Zinc- and Calcium-binding S100B Interacts and Co-localizes with IQGAP1 during Dynamic Rearrangement of Cell Membranes. Journal of Biological Chemistry, 2002, 277, 49998-50007.	3.4	78
34	The Giant Protein AHNAK Is a Specific Target for the Calcium- and Zinc-binding S100B Protein. Journal of Biological Chemistry, 2001, 276, 23253-23261.	3.4	95
35	S100A6 and S100A11 Are Specific Targets of the Calcium- and Zinc-binding S100B Protein in Vivo. Journal of Biological Chemistry, 2000, 275, 35302-35310.	3.4	79
36	Calcium-dependent Interaction of S100B with the C-terminal Domain of the Tumor Suppressor p53. Journal of Biological Chemistry, 1999, 274, 10539-10544.	3.4	73

#	Article	IF	Citations
37	Increased Bax Expression Is Associated with Cell Death Induced by Ganciclovir in a Herpes Thymidine Kinase Gene-Expressing Glioma Cell Line. Human Gene Therapy, 1999, 10, 679-688.	2.7	31
38	Concerted Regulation of Wild-Type p53 Nuclear Accumulation and Activation by S100B and Calcium-Dependent Protein Kinase C. Molecular and Cellular Biology, 1999, 19, 7168-7180.	2.3	63
39	Cysteine Oxidation in the Mitogenic S100B Protein Leads to Changes in Phosphorylation by Catalytic CKII-Î± Subunit. Journal of Biological Chemistry, 1998, 273, 3901-3908.	3.4	47
40	Calcium and S100B Regulation of p53-Dependent Cell Growth Arrest and Apoptosis. Molecular and Cellular Biology, 1998, 18, 4272-4281.	2.3	104
41	The in Vitro Phosphorylation of P53 by Calcium-Dependent Protein Kinase C. Characterization of a Protein-Kinase-C-Binding Site on p53. FEBS Journal, 1997, 245, 684-692.	0.2	34
42	Casein kinase 2 inhibits the renaturation of complementary DNA strands mediated by p53 protein. Biochemical Journal, 1996, 316, 331-335.	3.7	24
43	Interactions of Myogenic bHLH Transcription Factors with Calcium-Binding Calmodulin and S100a (.alpha..alpha.) Proteins. Biochemistry, 1995, 34, 7834-7846.	2.5	70
44	Characterization of baculovirus recombinant wild-type p53. Dimerization of p53 is required for high-affinity DNA binding and cysteine oxidation inhibits p53 DNA binding. FEBS Journal, 1994, 223, 683-692.	0.2	71
45	De novo synthesis of GAP-43: in situ hybridization histochemistry and light and electron microscopy immunocytochemical studies in regenerating motor neurons of cranial nerve nuclei in the rat brain. Molecular Brain Research, 1994, 24, 107-117.	2.3	40
46	Expression of neuromodulin (GAP-43) and its regulation by basic fibroblast growth factor during the differentiation of O-2A progenitor cells. Journal of Neuroscience Research, 1993, 36, 147-162.	2.9	30
47	Localization of amyloid precursor protein in GAP43-immunoreactive aberrant sprouting neurites in Alzheimer's disease. Brain Research, 1992, 574, 312-316.	2.2	92
48	Phosphorylation of the MARCKS Protein (P87), a Major Protein Kinase C Substrate, Is Not an Obligatory Step in the Mitogenic Signaling Pathway of Basic Fibroblast Growth Factor in Rat Oligodendrocytes. Journal of Neurochemistry, 1992, 58, 567-578.	3.9	29
49	Patterns of aberrant sprouting in alzheimer's disease. Neuron, 1991, 6, 729-739.	8.1	244
50	A rapid purification method for neurogranin, a brain specific calmodulin-binding protein kinase C substrate. FEBS Letters, 1991, 282, 183-188.	2.8	15
51	Establishment of pure neuronal cultures from fetal rat spinal cord and proliferation of the neuronal precursor cells in the presence of fibroblast growth factor. Journal of Neuroscience Research, 1991, 29, 499-509.	2.9	56
52	Neurogranin: immunocytochemical localization of a brain-specific protein kinase C substrate. Journal of Neuroscience, 1990, 10, 3782-3792.	3.6	308
53	Interactions of S100 Proteins with Proteins Kinase Substrates. Biological Implication. Advances in Experimental Medicine and Biology, 1990, 269, 153-157.	1.6	7
54	Modulation of ATPase activities in the central nervous system by the S-100 proteins. Neurochemical Research, 1989, 14, 761-764.	3.3	10

#	Article	IF	Citations
55	Similarities and differences between tau protein and chromobindin A. Neurochemistry International, 1988, 13, 149-152.	3.8	2
56	Comparison of S100b protein with calmodulin: interactions with melittin and microtubule-associated .tau. proteins and inhibition of phosphorylation of .tau. proteins by protein kinase C. Biochemistry, 1987, 26, 2886-2893.	2.5	130
57	Bimane- and acrylodan-labeled S100 proteins. Role of cysteines-85.alpha. and -84.beta. in the conformation and calcium binding properties of S100aa and S100b (.beta..beta.) proteins. Biochemistry, 1986, 25, 6934-6941.	2.5	28
58	Evidence that S100 proteins regulate microtubule assembly and stability in rat brain extracts. International Journal of Biochemistry & Cell Biology, 1986, 18, 691-695.	0.5	25
59	Rat Brain S100b Protein: Purification, Characterization, and Ion Binding Properties. A Comparison with Bovine S100b Protein. Journal of Neurochemistry, 1985, 44, 76-84.	3.9	49
60	TYROSYL FLUORESCENCE SPECTRA OF PROTEINS LACKING TRYPTOPHAN: EFFECTS OF INTRAMOLECULAR INTERACTIONS. Photochemistry and Photobiology, 1985, 42, 245-251.	2.5	18
61	Purification, characterization and ion binding properties of human brain S100b protein. BBA - Proteins and Proteomics, 1984, 790, 164-173.	2.1	50
62	A subnanosecond-pulse fluorometric study of the CA2+ and MG2+ induced conformational changes on S-100a protein. Biochemical and Biophysical Research Communications, 1984, 123, 959-965.	2.1	7
63	The S100-b Protein: Tyrosine Residues Do Not Exhibit an Abnormal Fluorescence Spectrum. Journal of Neurochemistry, 1983, 40, 1765-1767.	3.9	8
64	Bovine Brain S100 Proteins: Separation and Characterization of a New S100 Protein Species. Journal of Neurochemistry, 1983, 40, 145-152.	3.9	34
65	Ions binding to S100 proteins: structural changes induced by calcium and zinc on S100a and S100b proteins. Biochemistry, 1983, 22, 3360-3369.	2.5	142
66	Zinc ion binding to human brain calcium binding proteins. Calmodulin and S100b protein. Biochemical and Biophysical Research Communications, 1983, 114, 1138-1146.	2.1	103
67	The effect of S-100a and S-100b proteins and Zn2+ on the assembly of brain microtubule proteins in vitro. FEBS Letters, 1983, 163, 287-291.	2.8	23
68	Zinc-dependent affinity chromatography of the S100b protein on phenyl-Sepharose. FEBS Letters, 1982, 148, 231-234.	2.8	56
69	Effect of S-100 proteins and calmodulin on Ca2+ -induced disassembly of brain microtubule proteins in vitro. FEBS Letters, 1982, 147, 165-167.	2.8	132