Beat Schwaller

List of Publications by Year
in descending order

138 papers	8,477 citations	53751 45 h-index	49868 87 g-index
145 all docs	145 docs citations	145 times ranked	9511 citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular Toxicity of Carbon-Based Nanomaterials. Nano Letters, 2006, 6, 1121-1125.	4.5	1,011
2	Role of the calcium-binding protein parvalbumin in short-term synaptic plasticity. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 13372-13377.	3.3	355
3	'New' functions for 'old' proteins: The role of the calcium-binding proteins calbindin D-28k, calretinin and parvalbumin, in cerebellar physiology. Studies with knockout mice. Cerebellum, 2002, 1, 241-258.	1.4	339
4	Cytosolic Ca2+ Buffers. Cold Spring Harbor Perspectives in Biology, 2010, 2, a004051-a004051.	2.3	326
5	Characterization of a polyclonal antiserum against the purified human recombinant calcium binding protein calretinin. Cell Calcium, 1993, 14, 639-648.	1.1	253
6	Lack of parvalbumin in mice leads to behavioral deficits relevant to all human autism core symptoms and related neural morphofunctional abnormalities. Translational Psychiatry, 2015, 5, e525-e525.	2.4	231
7	Nanodomain Coupling between Ca2+ Channels and Ca2+ Sensors Promotes Fast and Efficient Transmitter Release at a Cortical GABAergic Synapse. Neuron, 2008, 57, 536-545.	3.8	230
8	The continuing disappearance of â€œpureâ€•Ca2+Âbuffers. Cellular and Molecular Life Sciences, 2009, 66, 275-300.	2.4	218
9	Reduction in parvalbumin expression not loss of the parvalbumin-expressing GABA interneuron subpopulation in genetic parvalbumin and shank mouse models of autism. Molecular Brain, 2016, 9, 10.	1.3	208
10	Parvalbumin-Deficiency Facilitates Repetitive IPSCs and Gamma Oscillations in the Hippocampus. Journal of Neurophysiology, 2003, 89, 1414-1422.	0.9	201
11	<i>In Vitro</i> Investigation of the Cellular Toxicity of Boron Nitride Nanotubes. ACS Nano, 2011, 5, 3800-3810.	7.3	184
12	Developmental Changes in Parvalbumin Regulate Presynaptic Ca2+ Signaling. Journal of Neuroscience, 2005, 25, 96-107.	1.7	169
13	Kinetics of Ca 2+ binding to parvalbumin in bovine chromaffin cells: implications for [Ca 2+] transients of neuronal dendrites. Journal of Physiology, 2000, 525, 419-432.	1.3	157
14	Parvalbumin deficiency affects network properties resulting in increased susceptibility to epileptic seizures. Molecular and Cellular Neurosciences, 2004, 25, 650-663.	1.0	149
15	Mutational analysis of dendritic Ca2+ kinetics in rodent Purkinje cells: role of parvalbumin and calbindin D28k. Journal of Physiology, 2003, 551, 13-32.	1.3	148
16	Parvalbumin Is a Mobile Presynaptic Ca2+ Buffer in the Calyx of Held that Accelerates the Decay of Ca2+ and Short-Term Facilitation. Journal of Neuroscience, 2007, 27, 2261-2271.	1.7	142
17	Calretinin modifies presynaptic calcium signaling in frog saccular hair cells. Nature Neuroscience, 2000, 3, 786-790.	7.1	122
18	Differences in Ca 2+ buffering properties between excitatory and inhibitory hippocampal neurons from the rat. Journal of Physiology, 2000, 525, 405-418.	1.3	120

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19	Calretinin: from a â€œsimpleâ€•Ca2+ buffer to a multifunctional protein implicated in many biological processes. Frontiers in Neuroanatomy, 2014, 8, 3.	0.9	105
20	Neurodegenerative and morphogenic changes in a mouse model of temporal lobe epilepsy do not depend on the expression of the calcium-binding proteins parvalbumin, calbindin, or calretinin. Neuroscience, 2000, 97, 47-58.	1.1	103
21	Alterations in Purkinje cell spines of calbindin D-28â€ƒk and parvalbumin knock-out mice. European Journal of Neuroscience, 2000, 12, 945-954.	1.2	97
22	Calbindin D28k targets myo-inositol monophosphatase in spines and dendrites of cerebellar Purkinje neurons. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5850-5855.	3.3	94
23	Evaluation of the toxicity of graphene derivatives on cells of the lung luminal surface. Carbon, 2013, 64, 45-60.	5.4	94
24	Comparison of the Ca2+-binding Properties of Human Recombinant Calretinin-22k and Calretinin. Journal of Biological Chemistry, 1997, 272, 29663-29671.	1.6	89
25	Cellular Toxicity of TiO₂-Based Nanofilaments. ACS Nano, 2009, 3, 2274-2280.	7.3	89
26	Resolving the Fast Kinetics of Cooperative Binding: Ca2+ Buffering by Calretinin. PLoS Biology, 2007, 5, e311.	2.6	88
27	EF-hand protein Ca ²⁺ buffers regulate Ca ²⁺ influx and exocytosis in sensory hair cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1028-37.	3.3	88
28	Regulation of calretinin in malignant mesothelioma is mediated by septin 7 binding to the CALB2 promoter. BMC Cancer, 2018, 18, 475.	1.1	87
29	Calretinin and calbindin D-28k, but not parvalbumin protect against glutamate-induced delayed excitotoxicity in transfected N18â€“RE 105 neuroblastomaâ€“retina hybrid cells. Brain Research, 2002, 945, 181-190.	1.1	86
30	Renal expression of parvalbumin is critical for NaCl handling and response to diuretics. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14849-14854.	3.3	84
31	Desynchronization of Neocortical Networks by Asynchronous Release of GABA at Autaptic and Synaptic Contacts from Fast-Spiking Interneurons. PLoS Biology, 2010, 8, e1000492.	2.6	83
32	Calretinin and calbindin D-28k delay the onset of cell death after excitotoxic stimulation in transfected P19 cells. Brain Research, 2001, 909, 145-158.	1.1	81
33	Spatiotemporal patterning of IP3-mediated Ca2+signals inXenopusoocytes by Ca2+-binding proteins. Journal of Physiology, 2004, 556, 447-461.	1.3	81
34	Parvalbumin tunes spikeâ€timing and efferent shortâ€term plasticity in striatal fast spiking interneurons. Journal of Physiology, 2013, 591, 3215-3232.	1.3	75
35	Deficiency in parvalbumin increases fatigue resistance in fast-twitch muscle and upregulates mitochondria. American Journal of Physiology - Cell Physiology, 2001, 281, C114-C122.	2.1	71
36	Prenatal Valproate Exposure Differentially Affects Parvalbumin-Expressing Neurons and Related Circuits in the Cortex and Striatum of Mice. Frontiers in Molecular Neuroscience, 2016, 9, 150.	1.4	71

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37	Mono- and dual-frequency fast cerebellar oscillation in mice lacking parvalbumin and/or calbindin D-28k. European Journal of Neuroscience, 2005, 22, 861-870.	1.2	70
38	The use of transgenic mouse models to reveal the functions of Ca2+ buffer proteins in excitable cells. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1294-1303.	1.1	70
39	Diffusional Mobility of Parvalbumin in Spiny Dendrites of Cerebellar Purkinje Neurons Quantified by Fluorescence Recovery after Photobleaching. Biophysical Journal, 2003, 84, 2599-2608.	0.2	69
40	Expression of the calcium binding protein calretinin in WiDr cells and its correlation to their cell cycle. Experimental Cell Research, 1992, 202, 292-302.	1.2	64
41	Dysregulation of Parvalbumin Expression in the Cntnap2âˆ'/âˆ' Mouse Model of Autism Spectrum Disorder. Frontiers in Molecular Neuroscience, 2018, 11, 262.	1.4	59
42	Parvalbumin deficiency in fast-twitch muscles leads to increased 'slow-twitch type' mitochondria, but does not affect the expression of fiber specific proteins. FEBS Journal, 2006, 273, 96-108.	2.2	58
43	Increased Exchange Current but Normal Ca2+Transport via Na+-Ca2+Exchange During Cardiac Hypertrophy After Myocardial Infarction. Circulation Research, 2002, 91, 323-330.	2.0	54
44	Monoclonal antibodies recognizing epitopes of calretinins: dependence on Ca2+-binding status and differences in antigen accessibilityin colon cancer cells. Cell Calcium, 2002, 31, 13-25.	1.1	53
45	How asbestos drives the tissue towards tumors: YAP activation, macrophage and mesothelial precursor recruitment, RNA editing, and somatic mutations. Oncogene, 2018, 37, 2645-2659.	2.6	53
46	Cytosolic Ca²⁺Buffers Are Inherently Ca²⁺Signal Modulators. Cold Spring Harbor Perspectives in Biology, 2020, 12, a035543.	2.3	52
47	Over-expression of parvalbumin in transgenic mice rescues motoneurons from injury-induced cell death. Neuroscience, 2004, 123, 459-466.	1.1	50
48	Mechanism of capsaicin receptor TRPV1-mediated toxicity in pain-sensing neurons focusing on the effects of Na+/Ca2+ fluxes and the Ca2+-binding protein calretinin. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 1680-1691.	1.9	50
49	The Regulation of a Cellâ€™s Ca2+ Signaling Toolkit: The Ca2+ Homeostasome. Advances in Experimental Medicine and Biology, 2012, 740, 1-25.	0.8	48
50	The Parvalbumin Hypothesis of Autism Spectrum Disorder. Frontiers in Cellular Neuroscience, 2020, 14, 577525.	1.8	48
51	The EF-hand Ca2+-binding protein super-family: A genome-wide analysis of gene expression patterns in the adult mouse brain. Neuroscience, 2015, 294, 116-155.	1.1	46
52	Differences in locomotor behavior revealed in mice deficient for the calcium-binding proteins parvalbumin, calbindin D-28k or both. Behavioural Brain Research, 2007, 178, 250-261.	1.2	45
53	Deficiency in parvalbumin, but not in calbindin D-28k upregulates mitochondrial volume and decreases smooth endoplasmic reticulum surface selectively in a peripheral, subplasmalemmal region in the soma of Purkinje cells. Neuroscience, 2006, 142, 97-105.	1.1	43
54	Calretinin is essential for mesothelioma cell growth/survival in vitro: A potential new target for malignant mesothelioma therapy?. International Journal of Cancer, 2013, 133, 2077-2088.	2.3	42

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55	Inhibition of the Proliferative Cycle and Apoptotic Events in WiDr Cells after Down-Regulation of the Calcium-Binding Protein Calretinin Using Antisense Oligodeoxynucleotides. Experimental Cell Research, 1996, 225, 399-410.	1.2	41
56	Parvalbumin is freely mobile in axons, somata and nuclei of cerebellar Purkinje neurones. Journal of Neurochemistry, 2007, 100, 727-735.	2.1	41
57	The calcium-binding protein parvalbumin modulates the firing 1 properties of the reticular thalamic nucleus bursting neurons. Journal of Neurophysiology, 2013, 109, 2827-2841.	0.9	41
58	Specific inhibition of Na-Ca exchange function by antisense oligodeoxynucleotides. FEBS Letters, 1995, 364, 198-202.	1.3	39
59	Consequence of parvalbumin deficiency in the mdx mouse: histological, biochemical and mechanical phenotype of a new double mutant. Neuromuscular Disorders, 2003, 13, 376-387.	0.3	39
60	Activation of endogenous TRPV1 fails to induce overstimulation-based cytotoxicity in breast and prostate cancer cells but not in pain-sensing neurons. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 2054-2064.	1.9	39
61	A polyclonal goat antiserum against the calcium-binding protein calretinin is a versatile tool for various immunochemical techniques. Journal of Neuroscience Methods, 1999, 92, 137-144.	1.3	37
62	Absence of the calcium-binding protein calretinin, not of calbindin D-28k, causes a permanent impairment of murine adult hippocampal neurogenesis. Frontiers in Molecular Neuroscience, 2012, 5, 56.	1.4	36
63	SV40-Induced Expression of Calretinin Protects Mesothelial Cells from Asbestos Cytotoxicity and May Be a Key Factor Contributing to Mesothelioma Pathogenesis. American Journal of Pathology, 2009, 174, 2324-2336.	1.9	33
64	Establishment of immortalized murine mesothelial cells and a novel mesothelioma cell line. In Vitro Cellular and Developmental Biology - Animal, 2015, 51, 714-721.	0.7	33
65	The absence of the calciumâ€buffering protein calbindin is associated with faster ageâ€related decline in hippocampal metabolism. Hippocampus, 2012, 22, 1107-1120.	0.9	32
66	Targeting breast cancer cells by MRS1477, a positive allosteric modulator of TRPV1 channels. PLoS ONE, 2017, 12, e0179950.	1.1	32
67	Somatic calcium level reports integrated spiking activity of cerebellar interneurons in vitro and in vivo. Journal of Neurophysiology, 2011, 106, 1793-1805.	0.9	31
68	Parvalbumin: calcium and magnesium buffering in the distal nephron. Nephrology Dialysis Transplantation, 2012, 27, 3988-3994.	0.4	31
69	Menthol evokes Ca2+ signals and induces oxidative stress independently of the presence of TRPM8 (menthol) receptor in cancer cells. Redox Biology, 2018, 14, 439-449.	3.9	31
70	Association between the Calcium-Binding Protein Calretinin and Cytoskeletal Components in the Human Colon Adenocarcinoma Cell Line WiDr. Experimental Cell Research, 2000, 259, 12-22.	1.2	30
71	Ectopic parvalbumin expression in mouse forebrain neurons increases excitotoxic injury provoked by ibotenic acid injection into the striatum. Experimental Neurology, 2004, 186, 78-88.	2.0	30
72	17-Î² estradiol increases parvalbumin levels in Pvalb heterozygous mice and attenuates behavioral phenotypes with relevance to autism core symptoms. Molecular Autism, 2018, 9, 15.	2.6	29

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73	Alternative Splicing of Calretinin mRNA Leads to Different Forms of Calretinin. FEBS Journal, 1995, 230, 424-430.	0.2	28
74	Antagonistic Regulation of Parvalbumin Expression and Mitochondrial Calcium Handling Capacity in Renal Epithelial Cells. PLoS ONE, 2015, 10, e0142005.	1.1	28
75	Calretinin Regulates Ca2+-dependent Inactivation and Facilitation of Cav2.1 Ca2+ Channels through a Direct Interaction with the Î±12.1 Subunit. Journal of Biological Chemistry, 2012, 287, 39766-39775.	1.6	27
76	Stem Cell Factor-Based Identification and Functional Properties of InÂVitro-Selected Subpopulations of Malignant Mesothelioma Cells. Stem Cell Reports, 2017, 8, 1005-1017.	2.3	25
77	Compensatory Regulation of Ca_v2.1 Ca²⁺Channels in Cerebellar Purkinje Neurons Lacking Parvalbumin and Calbindin D-28k. Journal of Neurophysiology, 2010, 103, 371-381.	0.9	24
78	LACK OF CALBINDIN-D28K ALTERS RESPONSE OF THE MURINE CIRCADIAN CLOCK TO LIGHT. Chronobiology International, 2010, 27, 68-82.	0.9	22
79	Parvalbumin neurons as a hub in autism spectrum disorders. Journal of Neuroscience Research, 2018, 96, 360-361.	1.3	22
80	Changes in Shape and Motility of Cells Transfected with Parvalbumin cDNA. Experimental Cell Research, 1995, 219, 420-426.	1.2	21
81	Microcalcification after excitotoxicity is enhanced in transgenic mice expressing parvalbumin in all neurones, may commence in neuronal mitochondria and undergoes structural modifications over time. Neuropathology and Applied Neurobiology, 2009, 35, 165-177.	1.8	21
82	Inverse Regulation of the Cytosolic Ca2+ Buffer Parvalbumin and Mitochondrial Volume in Muscle Cells via SIRT1/PGC-1Î± Axis. PLoS ONE, 2012, 7, e44837.	1.1	20
83	Routes of Ca2+ Shuttling during Ca2+ Oscillations. Journal of Biological Chemistry, 2015, 290, 28214-28230.	1.6	19
84	Putative cancer stem cells may be the key target to inhibit cancer cell repopulation between the intervals of chemoradiation in murine mesothelioma. BMC Cancer, 2018, 18, 471.	1.1	19
85	Calretinin promotes invasiveness and EMT in malignant mesothelioma cells involving the activation of the FAK signaling pathway. Oncotarget, 2018, 9, 36256-36272.	0.8	19
86	Overexpression or absence of calretinin in mouse primary mesothelial cells inversely affects proliferation and cell migration. Respiratory Research, 2015, 16, 153.	1.4	18
87	Absence of parvalbumin increases mitochondria volume and branching of dendrites in inhibitory Pvalb neurons in vivo: a point of convergence of autism spectrum disorder (ASD) risk gene phenotypes. Molecular Autism, 2020, 11, 47.	2.6	18
88	Engrailed-2 regulates genes related to vesicle formation and transport in cerebellar Purkinje cells. Molecular and Cellular Neurosciences, 2008, 38, 495-504.	1.0	17
89	Identification of <i>cis-</i> and <i>trans</i>-acting elements regulating calretinin expression in mesothelioma cells. Oncotarget, 2016, 7, 21272-21286.	0.8	17
90	Endogenous TRPV1 stimulation leads to the activation of the inositol phospholipid pathway necessary for sustained Ca2+ oscillations. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 2905-2915.	1.9	16

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91	The calcium-binding protein calretinin-22k, an alternative splicing product of the calretinin gene is expressed in several colon adeno carcinoma cell lines. Cell Calcium, 1996, 20, 63-72.	1.1	15
92	Regulated redistribution of calretinins in WiDr cells. Cell Death and Differentiation, 1997, 4, 325-333.	5.0	15
93	Rapid turnover of the â€œfunctionalâ€• Na+â€“Ca2+ exchanger in cardiac myocytes revealed by an antisense oligodeoxynucleotide approach. Cell Calcium, 2005, 37, 233-243.	1.1	15
94	Characterization and modeling of Ca2+ oscillations in mouse primary mesothelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 632-645.	1.9	15
95	Change of calretinin expression in the human colon adenocarcinoma cell line HT29 after differentiation. Biochimica Et Biophysica Acta - Molecular Cell Research, 1996, 1313, 201-208.	1.9	14
96	A bipartite butyrateâ€responsive element in the human calretinin (<i>CALB2</i>) promoter acts as a repressor in colon carcinoma cells but not in mesothelioma cells. Journal of Cellular Biochemistry, 2010, 109, 519-531.	1.2	14
97	Calretinin and Calretinin-22k Increase Resistance toward Sodium Butyrate-Induced Differentiation in CaCo-2 Colon Adenocarcinoma Cells. Experimental Cell Research, 2001, 268, 93-103.	1.2	13
98	Parvalbumin-Deficiency Accelerates the Age-Dependent ROS Production in Pvalb Neurons in vivo: Link to Neurodevelopmental Disorders. Frontiers in Cellular Neuroscience, 2020, 14, 571216.	1.8	13
99	The phytohormone forchlorfenuron decreases viability and proliferation of malignant mesothelioma cells <i>in vitro</i> and <i>in vivo</i>. Oncotarget, 2019, 10, 6944-6956.	0.8	13
100	Ca2+ Buffers. , 2010, , 955-962.		12
101	Upregulated expression of oncomodulin, the beta isoform of parvalbumin, in perikarya and axons in the diencephalon of parvalbumin knockout mice. Neuroscience, 2010, 165, 749-757.	1.1	12
102	Restricted diffusion of calretinin in cerebellar granule cell dendrites implies Ca²⁺â€dependent interactions via its EFâ€hand 5 domain. Journal of Physiology, 2013, 591, 3887-3899.	1.3	12
103	The effect of parvalbumin deficiency on the acoustic startle response and prepulse inhibition in mice. Neuroscience Letters, 2013, 553, 216-220.	1.0	12
104	Posttranscriptional Regulation Controls Calretinin Expression in Malignant Pleural Mesothelioma. Frontiers in Genetics, 2017, 8, 70.	1.1	12
105	Parvalbumin alters mitochondrial dynamics and affects cell morphology. Cellular and Molecular Life Sciences, 2018, 75, 4643-4666.	2.4	12
106	The role of parvalbumin and calbindin D28k in experimental scrapie. Neuropathology and Applied Neurobiology, 2008, 34, 435-445.	1.8	11
107	The Neuronal Functions of EF-Hand Ca2+-Binding Proteins. Frontiers in Molecular Neuroscience, 2012, 5, 92.	1.4	11
108	Parvalbumin expression in oligodendrocyte-like CG4 cells causes a reduction in mitochondrial volume, attenuation in reactive oxygen species production and a decrease in cell processesâ€™ length and branching. Scientific Reports, 2019, 9, 10603.	1.6	11

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109	Visual thalamocortical circuits in parvalbumin-deficient mice. Brain Research, 2013, 1536, 107-118.	1.1	10
110	Modulation of Calretinin Expression in Human Mesothelioma Cells Reveals the Implication of the FAK and Wnt Signaling Pathways in Conferring Chemoresistance towards Cisplatin. International Journal of Molecular Sciences, 2019, 20, 5391.	1.8	10
111	Profiling parvalbumin interneurons using iPSC: challenges and perspectives for Autism Spectrum Disorder (ASD). Molecular Autism, 2020, 11, 10.	2.6	10
112	Amyloid pathologyâ€produced unexpected modifications of calcium homeostasis in hippocampal subicular dendrites. Alzheimer's and Dementia, 2020, 16, 251-261.	0.4	9
113	The Effect of Gap Junctional Coupling on the Spatiotemporal Patterns of Ca2+ Signals and the Harmonization of Ca2+-Related Cellular Responses. PLoS Computational Biology, 2016, 12, e1005295.	1.5	9
114	Parvalbumin and autism: different causes, same effect?. Oncotarget, 2017, 8, 7222-7223.	0.8	9
115	Release patterns of astrocytic and neuronal biochemical markers in serum during and after experimental settings of cardiac surgery. Restorative Neurology and Neuroscience, 2003, 21, 141-50.	0.4	9
116	Tenascin-R associates extracellularly with parvalbumin immunoreactive neurones but is synthesised by another neuronal population in the adult rat cerebral cortex. Journal of Neurocytology, 2001, 30, 293-301.	1.6	8
117	Cell type dependence of carbon based nanomaterial toxicity. Physica Status Solidi (B): Basic Research, 2010, 247, 3059-3062.	0.7	7
118	Identification of calretinin and the alternatively spliced form calretinin-22k in primary pleural mesotheliomas and in their metastases. Anticancer Research, 2004, 24, 4003-9.	0.5	6
119	Antisense Oligodeoxynucleotides Directed against the Na-Ca Exchanger mRNA. Annals of the New York Academy of Sciences, 1996, 779, 93-102.	1.8	5
120	Subcellular structural plasticity caused by the absence of the fast Ca2+ buffer calbindin D-28k in recurrent collaterals of cerebellar Purkinje neurons. Frontiers in Cellular Neuroscience, 2014, 8, 364.	1.8	5
121	Biological noise and positional effects influence cell stemness. Journal of Biological Chemistry, 2018, 293, 5247-5258.	1.6	5
122	Calretinin Functions in Malignant Mesothelioma Cells Cannot Be Replaced by the Closely Related Ca2+-Binding Proteins Calbindin-D28k and Parvalbumin. International Journal of Molecular Sciences, 2018, 19, 4015.	1.8	4
123	Editorial: Neuronal Calcium Sensors in Health and Disease. Frontiers in Molecular Neuroscience, 2019, 12, 278.	1.4	4
124	Stimulus-induced association of Ca(2+)-binding proteins with the plasma membrane detected in situ by photolabeling of intact chromaffin and PC12 cells.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 1295-1299.	3.3	3
125	Extending the Mathematical Palette for Developmental Pattern Formation: Piebaldism. Bulletin of Mathematical Biology, 2019, 81, 1461-1478.	0.9	3
126	Inducible and reversible silencing of the Pvalb gene in mice: An in vitro and in vivo study. European Journal of Neuroscience, 2019, 50, 2694-2706.	1.2	3

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127	Toxicity Study of Nanofibers. , 2011, , 133-149.		3
128	[32] Application of antisense oligodeoxynucleotides for suppression of exchange. Methods in Enzymology, 2000, 314, 454-476.	0.4	2
129	Characterization and potential roles of calretinin in rodent spermatozoa. Cell Calcium, 2018, 74, 94-101.	1.1	2
130	Heterozygosity of SNP513 in intron 9 of the human calretinin gene (CALB2) is a risk factor for colon cancer. Anticancer Research, 2007, 27, 4279-88.	0.5	2
131	Forchlorfenuron and Novel Analogs Cause Cytotoxic Effects in Untreated and Cisplatin-Resistant Malignant Mesothelioma-Derived Cells. International Journal of Molecular Sciences, 2022, 23, 3963.	1.8	2
132	Protein modification by diazotized arsanilic acid: Synthesis and characterization of the phenylthiohydantoin derivatives of azobenzene arsonate-coupled tyrosine, histidine, and lysine residues and their sequential allotment in labeled peptides. Analytical Biochemistry, 1989, 177, 183-187.	1.1	1
133	NON-LINEAR COUPLING OF LOCAL FIELD POTENTIALS ACROSS CORTICAL SITES IN PARVALBUMIN-DEFICIENT MICE. , 2000, , .		1
134	Ca2+ Buffers. , 2003, , 67-71.		1
135	Mouse Mesothelium-Derived Cell Lines:Models to Assess Cytotoxic Effects of Novel Nanomaterials <I>in vitro</I> and to Ultimately Investigating Carcinogenesis <I>in vivo</I>. Toxicology International, 2016, 23, 178.	0.1	1
136	Parvalbumin Tunes Spike-Timing and Efferent Short-Term Plasticity in Striatal Fast Spiking Interneurons. Biophysical Journal, 2014, 106, 529a.	0.2	0
137	Absence of calretinin protein expression in malignant mesotheliomas from asbestos-exposed NF2+/âˆ’ mice and mouse mesothelioma cell lines from various mouse strains. Biomarker Research, 2018, 6, 19.	2.8	0
138	The Complex Crosstalk between Parvalbumin and Mitochondria Regulation through Changes in Mitochondrial Dynamics. Biophysical Journal, 2019, 116, 272a.	0.2	0