Martine Cadene

List of Publications by Year
in descending order

43	7,540	279487 23	276539 41
papers	citations	h-index	g-index

43	43	43	6410
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human proteinase 3 resistance to inhibition extends to alphaâ€2 macroglobulin. FEBS Journal, 2020, 287, 4068-4081.	2.2	3
2	Liquid Native MALDI Mass Spectrometry for the Detection of Protein-Protein Complexes. Journal of the American Society for Mass Spectrometry, 2018, 29, 1981-1994.	1.2	17
3	Discovery and characterisation of a novel toxin from Dendroaspis angusticeps, named Tx7335, that activates the potassium channel KcsA. Scientific Reports, 2016, 6, 23904.	1.6	19
4	Revealing Higher Order Protein Structure Using Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2016, 27, 952-965.	1.2	51
5	Molecular Insights into the Mechanism of Calmodulin Inhibition of the EAG1 Potassium Channel. Structure, 2016, 24, 1742-1754.	1.6	11
6	SSPaQ: A Subtractive Segmentation Approach for the Exhaustive Parallel Quantification of the Extent of Protein Modification at Every Possible Site. Journal of the American Society for Mass Spectrometry, 2016, 27, 1328-1343.	1.2	2
7	The AMINO experiment: exposure of amino acids in the EXPOSE-R experiment on the International Space Station and in laboratory. International Journal of Astrobiology, 2015, 14, 89-97.	0.9	22
8	New Selective Peptidyl Di(chlorophenyl) Phosphonate Esters for Visualizing and Blocking Neutrophil Proteinase 3 in Human Diseases. Journal of Biological Chemistry, 2014, 289, 31777-31791.	1.6	38
9	cAMP protein kinase phosphorylates the Mos1 transposase and regulates its activity: evidences from mass spectrometry and biochemical analyses. Nucleic Acids Research, 2014, 42, 1117-1128.	6.5	8
10	In search of markers for somatic embryo maturation in hybrid larch (Larix Ã— eurolepis): global <scp>DNA</scp> methylation and proteomic analyses. Physiologia Plantarum, 2014, 150, 271-291.	2.6	70
11	Cotyledonary somatic embryos of Pinus pinaster Ait. most closely resemble fresh, maturing cotyledonary zygotic embryos: biological, carbohydrate and proteomic analyses. Planta, 2014, 240, 1075-1095.	1.6	48
12	Early molecular events involved inPinus pinasterAit. somatic embryo development under reduced water availability: transcriptomic and proteomic analyses. Physiologia Plantarum, 2014, 152, 184-201.	2.6	81
13	Discovery and Characterization of a Novel Toxin from Dendroaspis Angusticeps, Named TX7335, with an Activating Effect on the Potassium Channel KscA. Biophysical Journal, 2013, 104, 122a.	0.2	0
14	Initial Insights into Structure-Activity Relationships of Avian Defensins. Journal of Biological Chemistry, 2012, 287, 7746-7755.	1.6	27
15	Structural and Biochemical Characterization of a Cyclic Nucleotide Binding Domain from the EAG Family. Biophysical Journal, 2012, 102, 330a.	0.2	0
16	Interaction Proteomics Suggests a New Role for the Tfs1 Protein in Yeast. Journal of Proteome Research, 2012, 11, 3211-3218.	1.8	14
17	Crystal structure of greglin, a novel nonâ€classical <scp>K</scp>azal inhibitor, in complex with subtilisin. FEBS Journal, 2012, 279, 4466-4478.	2.2	13
18	Structural, Biochemical, and Functional Characterization of the Cyclic Nucleotide Binding Homology Domain from the Mouse EAG1 Potassium Channel. Journal of Molecular Biology, 2012, 423, 34-46.	2.0	52

#	Article	IF	Citations
19	Improved Accuracy of Low Affinity Proteinâ€“Ligand Equilibrium Dissociation Constants Directly Determined by Electrospray Ionization Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2012, 23, 908-922.	1.2	20
20	A selective reversible azapeptide inhibitor of human neutrophil proteinase 3 derived from a high affinity FRET substrate. Biochemical Pharmacology, 2012, 83, 788-796.	2.0	21
21	Ligand Binding Study of Human PEBP1/RKIP: Interaction with Nucleotides and Raf-1 Peptides Evidenced by NMR and Mass Spectrometry. PLoS ONE, 2012, 7, e36187.	1.1	29
22	Oxidation-sensitive Residues Mediate the DNA Bending Abilities of the Architectural MC1 Protein. Journal of Molecular Biology, 2008, 376, 120-130.	2.0	4
23	Mass spectrometry of full-length integral membrane proteins to define functionally relevant structural features. Methods, 2008, 46, 54-61.	1.9	15
24	Radiation-induced oxidative damage to the DNA-binding domain of the lactose repressor. Biochemical Journal, 2007, 403, 463-472.	1.7	24
25	MALDI Sample Preparation: the Ultra Thin Layer Method. Journal of Visualized Experiments, 2007, , 192.	0.2	21
26	Efficient Enzymatic Glycosylation of Peptides and Oligosaccharides from GalNAc and UTP. ChemBioChem, 2007, 8, 37-40.	1.3	20
27	Crystal structure of a Kir3.1-prokaryotic Kir channel chimera. EMBO Journal, 2007, 26, 4005-4015.	3.5	281
28	X-ray structure of a voltage-dependent K+ channel. Nature, 2003, 423, 33-41.	13.7	1,781
29	Tyrosine sulfation of CCR5 N-terminal peptide by tyrosylprotein sulfotransferases 1 and 2 follows a discrete pattern and temporal sequence. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11031-11036.	3.3	100
30	X-ray structure of a ClC chloride channel at 3.0â€‰Ã… reveals the molecular basis of anion selectivity. Nature, 2002, 415, 287-294.	13.7	1,529
31	Crystal structure and mechanism of a calcium-gated potassium channel. Nature, 2002, 417, 515-522.	13.7	1,325
32	The open pore conformation of potassium channels. Nature, 2002, 417, 523-526.	13.7	1,160
33	Biophysical Analysis of the Endoplasmic Reticulum-Resident Chaperone/Heat Shock Protein gp96/GRP94 and Its Complex with Peptide Antigenâ€. Biochemistry, 2001, 40, 1483-1495.	1.2	33
34	Structure of the RCK Domain from the E. coli K+ Channel and Demonstration of Its Presence in the Human BK Channel. Neuron, 2001, 29, 593-601.	3.8	290
35	A Robust, Detergent-Friendly Method for Mass Spectrometric Analysis of Integral Membrane Proteins. Analytical Chemistry, 2000, 72, 5655-5658.	3.2	164
36	Hybrid and Complex Glycans Are Linked to the Conserved N-Glycosylation Site of the Third Eight-Cysteine Domain of LTBP-1 in Insect Cellsâ€. Biochemistry, 2000, 39, 1596-1603.	1.2	37

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37	Inhibition of Neutrophil Cathepsin G by Oxidized Mucus Proteinase Inhibitor. Effect of Heparinâ€. Biochemistry, 1999, 38, 8451-8457.	1.2	21
38	Instability of the Amyloidogenic Cystatin C Variant of Hereditary Cerebral Hemorrhage with Amyloidosis, Icelandic Type. Journal of Biological Chemistry, 1998, 273, 11806-11814.	1.6	41
39	Inhibition of Neutrophil Serine Proteinases by Suramin. Journal of Biological Chemistry, 1997, 272, 9950-9955.	1.6	47
40	Mapping the Suramin-Binding Sites of Human Neutrophil Elastase:Â Investigation by Fluorescence Resonance Energy Transfer and Molecular Modelingâ€. Biochemistry, 1997, 36, 15624-15631.	1.2	12
41	Influence of Low Molecular Mass Heparin on the Kinetics of Neutrophil Elastase Inhibition by Mucus Proteinase Inhibitor(â^—). Journal of Biological Chemistry, 1995, 270, 13204-13209.	1.6	36
42	Thermodynamic Investigation of the Heparin-Mucus Proteinase Inhibitor Binding. Journal of the American Chemical Society, 1995, 117, 7882-7886.	6.6	7
43	Demonstration of a two-step reaction mechanism for the inhibition of heparin-bound neutrophil elastase by .alpha.1-proteinase inhibitor. Biochemistry, 1993, 32, 9230-9235.	1.2	46