Pascal Mansuelle

List of Publications by Year
in descending order

74	2,626	159585 30	197818 49
papers	citations	h-index	g-index

75	75	75	1828
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Kaliotoxin, a novel peptidyl inhibitor of neuronal BK-type Ca(2+)-activated K+ channels characterized from Androctonus mauretanicus mauretanicus venom.. Journal of Biological Chemistry, 1992, 267, 1640-1647.	3.4	175
2	Kaliotoxin, a novel peptidyl inhibitor of neuronal BK-type Ca(2+)-activated K+ channels characterized from Androctonus mauretanicus mauretanicus venom. Journal of Biological Chemistry, 1992, 267, 1640-7.	3.4	137
3	Two neurotoxins (BmK I and BmK II) from the venom of the scorpion Buthus martensi Karsch: purification, amino acid sequences and assessment of specific activity. Toxicon, 1996, 34, 987-1001.	1.6	107
4	Maurotoxin, a four disulfide bridge toxin fromScorpio maurusvenom: purification, structure and action on potassium channels. FEBS Letters, 1997, 406, 284-290.	2.8	95
5	An anti-insect toxin purified from the scorpion Androctonus australis Hector also acts on the .alpha.- and .beta.-sites of the mammalian sodium channel: sequence and circular dichroism study. Biochemistry, 1991, 30, 633-640.	2.5	94
6	A novel immunoglobulin superfamily junctional molecule expressed by antigen presenting cells, endothelial cells and platelets. Molecular Immunology, 1998, 35, 1111-1119.	2.2	90
7	Nanobacteria Are Mineralo Fetuin Complexes. PLoS Pathogens, 2008, 4, e41.	4.7	88
8	The kaliotoxin family enlarged. Purification, characterization, and precursor nucleotide sequence of KTX2 from Androctonus australis venom. Journal of Biological Chemistry, 1994, 269, 32835-32843.	3.4	72
9	Synthesis and characterization of kaliotoxin. Is the 26-32 sequence essential for potassium channel recognition?. Journal of Biological Chemistry, 1993, 268, 26302-26309.	3.4	70
10	Characterization of a new leiurotoxin I-like scorpion toxin. FEBS Letters, 1993, 320, 189-192.	2.8	69
11	Primary structure of scorpion anti-insect toxins isolated from the venom of Leiurus quinquestriatus quinquestriatus. FEBS Letters, 1990, 261, 423-426.	2.8	66
12	Mechanisms involved in xyloglucan catabolism by the cellulosome-producing bacterium Ruminiclostridium cellulolyticum. Scientific Reports, 2016, 6, 22770.	3.3	62
13	The kaliotoxin family enlarged. Purification, characterization, and precursor nucleotide sequence of KTX2 from Androctonus australis venom. Journal of Biological Chemistry, 1994, 269, 32835-43.	3.4	62
14	Characterization of toxin III of the scorpionLeiurus quinquestriatus quinquestriatus: A new type of alpha-toxin highly toxic both to mammals and insects. Natural Toxins, 1993, 1, 308-312.	1.0	60
15	Neurotoxins active on insects: amino acid sequences, chemical modifications, and secondary structure estimation by circular dichroism of toxins from the scorpion Androctonus australis Hector. Biochemistry, 1990, 29, 1492-1501.	2.5	59
16	Positively charged amino acid residues located similarly in sea anemone and scorpion toxins. Journal of Biological Chemistry, 1994, 269, 16785-16788.	3.4	59
17	Phoneutria nigriventer Ï‰-Phonetoxin IIA Blocks the Cav2 Family of Calcium Channels and Interacts with Ï‰-Conotoxin-binding Sites. Journal of Biological Chemistry, 2002, 277, 13856-13862.	3.4	57
18	Synthesis and characterization of kaliotoxin. Is the 26-32 sequence essential for potassium channel recognition?. Journal of Biological Chemistry, 1993, 268, 26302-9.	3.4	56

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19	Positively charged amino acid residues located similarly in sea anemone and scorpion toxins. Journal of Biological Chemistry, 1994, 269, 16785-8.	3.4	52
20	Delineation of the functional site of a snake venom cardiotoxin: preparation, structure, and function of monoacetylated derivatives. Biochemistry, 1990, 29, 6480-6489.	2.5	49
21	Phoneutria nigriventer Toxin 1: A Novel, State-Dependent Inhibitor of Neuronal Sodium Channels That Interacts with Î¼ Conotoxin Binding Sites. Molecular Pharmacology, 2006, 69, 1931-1937.	2.3	47
22	Scorpion Î±-like toxins, toxic to both mammals and insects, differentially interact with receptor site 3 on voltage-gated sodium channels in mammals and insects. European Journal of Neuroscience, 1999, 11, 975-985.	2.6	46
23	Synthesis and characterization of Pi4, a scorpion toxin from Pandinus imperator that acts on K+ channels. FEBS Journal, 2003, 270, 3583-3592.	0.2	41
24	Novel anti-platelet aggregation polypeptides fromVipera lebetinavenom: Isolation and characterization. FEBS Letters, 1996, 392, 6-10.	2.8	40
25	Characterization of PO₁, a new peptide ligand of the apaminâ€sensitive Ca²⁺ activated K⁺ channel. International Journal of Peptide and Protein Research, 1996, 48, 514-521.	0.1	40
26	Purification, structure and activity of three insect toxins from Buthus occitanus tunetanus venom. Toxicon, 1997, 35, 365-382.	1.6	38
27	Biochemical and Pharmacological Characterization of a Depressant Insect Toxin from the Venom of the Scorpion Buthacus arenicola. FEBS Journal, 1997, 243, 93-99.	0.2	38
28	Maurotoxin Versus Pi1/HsTx1 Scorpion Toxins. Journal of Biological Chemistry, 2000, 275, 39394-39402.	3.4	38
29	Role of lysine and tryptophan residues in the biological activity of toxin VII (Ts gamma) from the scorpion Tityus serrulatus. FEBS Journal, 1999, 260, 76-86.	0.2	36
30	Responses of the marine diatom Thalassiosira pseudonana to changes in CO2 concentration: a proteomic approach. Scientific Reports, 2017, 7, 42333.	3.3	36
31	Glyceraldehydeâ€3â€phosphate dehydrogenase is regulated by ferredoxinâ€<scp>NADP</scp> reductase in the diatom <scp>A</scp>sterionella formosa. New Phytologist, 2014, 203, 414-423.	7.3	32
32	Aah VI, a novel, N -glycosylated anti-insect toxin from Androctonus australis hector scorpion venom: isolation, characterisation, and glycan structure determination. FEBS Letters, 1999, 443, 175-180.	2.8	30
33	Novel structural class of four disulfide-bridged peptides from Tityus serrulatus venom. Biochemical and Biophysical Research Communications, 2003, 301, 1086-1092.	2.1	30
34	Two New Secreted Proteases Generate a Casein-Derived Antimicrobial Peptide in Bacillus cereus Food Born Isolate Leading to Bacterial Competition in Milk. Frontiers in Microbiology, 2018, 9, 1148.	3.5	29
35	PnTx4-3, a new insect toxin from Phoneutria nigriventer venom elicits the glutamate uptake inhibition exhibited by PhTx4 toxic fraction. Toxicon, 2003, 42, 793-800.	1.6	27
36	The Î²-type toxin Ts II from the scorpionTityus serrulatus: Amino acid sequence determination and assessment of biological and antigenic properties. Natural Toxins, 1992, 1, 119-125.	1.0	26

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37	1H-NMR-Derived Secondary Structure and Overall Fold of a Natural Anatoxin from the Scorpion Androctonus Australis Hector. FEBS Journal, 1997, 247, 1118-1126.	0.2	23
38	Characterization of all the lipolytic activities in pancreatin and comparison with porcine and human pancreatic juices. Biochimie, 2020, 169, 106-120.	2.6	23
39	Purification, characterization and molecular modelling of two toxin-like proteins from the Androctonus australis Hector venom. FEBS Journal, 2000, 267, 5614-5620.	0.2	22
40	Fine molecular analysis of the antigenicity of the Androctonus australis hector scorpion neurotoxin II: A new antigenic epitope disclosed by the pepscan method. Molecular Immunology, 1993, 30, 1061-1068.	2.2	21
41	A New Scorpion Venom Toxin Paralytic to Insects that Affects Na+ Channel Activation.. FEBS Journal, 1996, 241, 525-532.	0.2	21
42	Parameters affecting in vitro oxidation/folding of maurotoxin, a four-disulphide-bridged scorpion toxin. Biochemical Journal, 2001, 358, 681-692.	3.7	21
43	The impact of the fourth disulfide bridge in scorpion toxins of the Î±-KTx6 subfamily. Proteins: Structure, Function and Bioinformatics, 2005, 61, 1010-1023.	2.6	21
44	Characterization and ultrastructural localization of annexin VI from mitochondria. FEBS Letters, 1995, 360, 80-84.	2.8	20
45	Glycosylate and move! The glycosyltransferase Maf is involved in bacterial flagella formation. Environmental Microbiology, 2018, 20, 228-240.	3.8	20
46	The amino acid sequence of toxin IV from theAndroctonus australis scorpion: Differing effects of natural mutations in scorpion Î±-toxins on their antigenic and toxic properties. Natural Toxins, 1992, 1, 61-69.	1.0	19
47	Disulfide bridge reorganization induced by proline mutations in maurotoxin. FEBS Letters, 2001, 489, 202-207.	2.8	19
48	Maurotoxin, a four disulfide bridges scorpion toxin acting on K+ channels. Toxicon, 1998, 36, 1609-1611.	1.6	18
49	Covalent structure and some pharmacological features of native and cleaved ?-KTx12?1, a four disulfide-bridged toxin fromTityus serrulatus venom. Journal of Peptide Science, 2003, 9, 132-140.	1.4	17
50	Electron transfer in an acidophilic bacterium: interaction between a diheme cytochrome and a cupredoxin. Chemical Science, 2018, 9, 4879-4891.	7.4	17
51	Identification of a new natural gastric lipase inhibitor from star anise. Food and Function, 2019, 10, 469-478.	4.6	17
52	Parameters affecting in vitro oxidation/folding of maurotoxin, a four-disulphide-bridged scorpion toxin. Biochemical Journal, 2001, 358, 681.	3.7	14
53	Conformational modulation and hydrodynamic radii of <scp>CP</scp>12 protein and its complexes probed by fluorescence correlation spectroscopy. FEBS Journal, 2014, 281, 3206-3217.	4.7	14
54	KTX3, the kaliotoxin from Buthus occitanus tunetanus scorpion venom: one of an extensive family of peptidyl ligands of potassium channels. Toxicon, 2000, 38, 105-111.	1.6	13

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55	First chemical synthesis of a scorpion Î±-toxin affecting sodium channels: The Aah I toxin ofAndroctonus australis hector. Journal of Peptide Science, 2004, 10, 666-677.	1.4	12
56	Functional characterization and FTIR-based 3D modeling of full length and truncated forms of Scorpio maurus venom phospholipase A 2. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1247-1261.	2.4	11
57	Characterization of pepsin from rabbit gastric extract, its action on Î²-casein and the effects of lipids on proteolysis. Food and Function, 2018, 9, 5975-5988.	4.6	11
58	The Ig-like domain of Punctin/MADD-4 is the primary determinant for interaction with the ectodomain of neuroligin NLG-1. Journal of Biological Chemistry, 2020, 295, 16267-16279.	3.4	11
59	Monoclonal antibodies to toxin II from the scorpion Androctonus australis Hector: Further characterization of epitope specificities and neutralizing capacities. Toxicon, 1992, 30, 723-731.	1.6	10
60	Increasing the molecular contacts between maurotoxin and Kv1.2 channel augments ligand affinity. Proteins: Structure, Function and Bioinformatics, 2005, 60, 401-411.	2.6	10
61	Chemical Synthesis, Molecular Modeling, and Antimicrobial Activity of a Novel Bacteriocin, MMFII. Biochemical and Biophysical Research Communications, 2001, 289, 13-18.	2.1	8
62	Chemical Synthesis and Characterization of J46 Peptide, an Atypical Class IIa Bacteriocin from Lactococcus lactis subsp. cremoris J46 Strain. Journal of Antibiotics, 2008, 61, 89-93.	2.0	8
63	A Low Molecular Weight Protein from the Sea Anemone Anemonia viridis with an Anti-Angiogenic Activity. Marine Drugs, 2018, 16, 134.	4.6	8
64	Chromatographic Characterization and Phytotoxic Activity of Fusarium oxysporum f. sp. albedinis and Saprophytic Strain Toxins. Journal of Phytopathology, 2005, 153, 203-208.	1.0	7
65	Isolation of an Antiâ€“tumour Disintegrin: Dabmaurinâ€“1, a Peptide Lebeinâ€“1â€“like, from Daboia mauritanica Venom. Toxins, 2020, 12, 102.	3.4	7
66	Biochemical characterization of Yarrowia lipolytica LIP8, a secreted lipase with a cleavable C-terminal region. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 129-140.	2.4	6
67	The scorpion toxin Bot <scp>IX</scp> is a potent member of the Î±â€like family and has a unique Nâ€terminal sequence extension. FEBS Letters, 2016, 590, 3221-3232.	2.8	5
68	The Hunt for the Closed Conformation of the Fruitâ€Ripening Enzyme 1â€Aminocyclopropaneâ€1â€carboxylic Oxidase: A Combined Electron Paramagnetic Resonance and Molecular Dynamics Study. Chemistry - A European Journal, 2019, 25, 13766-13776.	3.3	4
69	Chemical Modification of 1-Aminocyclopropane Carboxylic Acid (ACC) Oxidase: Cysteine Mutational Analysis, Characterization, and Bioconjugation with a Nitroxide Spin Label. Molecular Biotechnology, 2019, 61, 650-662.	2.4	4
70	A Novel Anti-Ep-CAM Antibody to Analyze the Organization of Thymic Medulla in Autoimmunity. Current Topics in Microbiology and Immunology, 2000, 251, 109-117.	1.1	4
71	Lebetin Peptides, A New Class of Potent Platelet Aggregation Inhibitors: Chemical Synthesis, Biological Activity and NMR Spectroscopic Study. International Journal of Peptide Research and Therapeutics, 2020, 26, 21-31.	1.9	3
72	Lacticin LC14, a New Bacteriocin Produced by Lactococcus lactis BMG6.14: Isolation, Purification and Partial Characterization. Infectious Disorders - Drug Targets, 2012, 12, 316-325.	0.8	3

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73	Preliminary crystallographic analysis of a possible transcription factor encoded by the mimivirus L544 gene. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 922-925.	0.7	1
74	The mimivirus R355 gene product: preliminary crystallographic analysis of a putative ubiquitin-like protein-specific protease. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 169-172.	0.7	0