

# Pascal Mansuelle

## List of Publications by Year in descending order

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74  
papers

2,626  
citations

159585

30  
h-index

197818

49  
g-index

75  
all docs

75  
docs citations

75  
times ranked

1828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lebetin Peptides, A New Class of Potent Platelet Aggregation Inhibitors: Chemical Synthesis, Biological Activity and NMR Spectroscopic Study. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 21-31.	1.9	3
2	Characterization of all the lipolytic activities in pancreatin and comparison with porcine and human pancreatic juices. <i>Biochimie</i> , 2020, 169, 106-120.	2.6	23
3	The Ig-like domain of Punctin/MADD-4 is the primary determinant for interaction with the ectodomain of neuroligin NLG-1. <i>Journal of Biological Chemistry</i> , 2020, 295, 16267-16279.	3.4	11
4	Isolation of an Anti-tumour Disintegrin: Dabmaurin-1, a Peptide Lebein-like, from <i>Daboia mauritanica</i> Venom. <i>Toxins</i> , 2020, 12, 102.	3.4	7
5	The Hunt for the Closed Conformation of the Fruit Ripening Enzyme 1-Aminocyclopropane-carboxylic Oxidase: A Combined Electron Paramagnetic Resonance and Molecular Dynamics Study. <i>Chemistry - A European Journal</i> , 2019, 25, 13766-13776.	3.3	4
6	Identification of a new natural gastric lipase inhibitor from star anise. <i>Food and Function</i> , 2019, 10, 469-478.	4.6	17
7	Chemical Modification of 1-Aminocyclopropane Carboxylic Acid (ACC) Oxidase: Cysteine Mutational Analysis, Characterization, and Bioconjugation with a Nitroxide Spin Label. <i>Molecular Biotechnology</i> , 2019, 61, 650-662.	2.4	4
8	Functional characterization and FTIR-based 3D modeling of full length and truncated forms of <i>Scorpio maurus</i> venom phospholipase A 2. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1247-1261.	2.4	11
9	Electron transfer in an acidophilic bacterium: interaction between a diheme cytochrome and a cupredoxin. <i>Chemical Science</i> , 2018, 9, 4879-4891.	7.4	17
10	Glycosylate and move! The glycosyltransferase Maf is involved in bacterial flagella formation. <i>Environmental Microbiology</i> , 2018, 20, 228-240.	3.8	20
11	Characterization of pepsin from rabbit gastric extract, its action on $\beta$ -casein and the effects of lipids on proteolysis. <i>Food and Function</i> , 2018, 9, 5975-5988.	4.6	11
12	A Low Molecular Weight Protein from the Sea Anemone <i>Anemonia viridis</i> with an Anti-Angiogenic Activity. <i>Marine Drugs</i> , 2018, 16, 134.	4.6	8
13	Two New Secreted Proteases Generate a Casein-Derived Antimicrobial Peptide in <i>Bacillus cereus</i> Food Born Isolate Leading to Bacterial Competition in Milk. <i>Frontiers in Microbiology</i> , 2018, 9, 1148.	3.5	29
14	Responses of the marine diatom <i>Thalassiosira pseudonana</i> to changes in CO <sub>2</sub> concentration: a proteomic approach. <i>Scientific Reports</i> , 2017, 7, 42333.	3.3	36
15	Mechanisms involved in xyloglucan catabolism by the cellulosome-producing bacterium <i>Ruminiclostridium cellulolyticum</i> . <i>Scientific Reports</i> , 2016, 6, 22770.	3.3	62
16	The scorpion toxin Bot IX is a potent member of the $\beta$ -like family and has a unique N-terminal sequence extension. <i>FEBS Letters</i> , 2016, 590, 3221-3232.	2.8	5
17	Biochemical characterization of <i>Yarrowia lipolytica</i> LIP8, a secreted lipase with a cleavable C-terminal region. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 129-140.	2.4	6
18	Conformational modulation and hydrodynamic radii of CP12 protein and its complexes probed by fluorescence correlation spectroscopy. <i>FEBS Journal</i> , 2014, 281, 3206-3217.	4.7	14

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19	Glyceraldehyde-3-phosphate dehydrogenase is regulated by ferredoxin-NADP reductase in the diatom <i>Asterionella formosa</i> . <i>New Phytologist</i> , 2014, 203, 414-423.	7.3	32
20	Lacticin LC14, a New Bacteriocin Produced by <i>Lactococcus lactis</i> BMG6.14: Isolation, Purification and Partial Characterization. <i>Infectious Disorders - Drug Targets</i> , 2012, 12, 316-325.	0.8	3
21	The mimivirus R355 gene product: preliminary crystallographic analysis of a putative ubiquitin-like protein-specific protease. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 169-172.	0.7	0
22	Preliminary crystallographic analysis of a possible transcription factor encoded by the mimivirus L544 gene. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 922-925.	0.7	1
23	Chemical Synthesis and Characterization of J46 Peptide, an Atypical Class IIa Bacteriocin from <i>Lactococcus lactis</i> subsp. <i>cremoris</i> J46 Strain. <i>Journal of Antibiotics</i> , 2008, 61, 89-93.	2.0	8
24	Nanobacteria Are Mineralo Fetuin Complexes. <i>PLoS Pathogens</i> , 2008, 4, e41.	4.7	88
25	Phoneutria nigriventer Toxin 1: A Novel, State-Dependent Inhibitor of Neuronal Sodium Channels That Interacts with $\frac{1}{4}$ Conotoxin Binding Sites. <i>Molecular Pharmacology</i> , 2006, 69, 1931-1937.	2.3	47
26	Chromatographic Characterization and Phytotoxic Activity of <i>Fusarium oxysporum</i> f. sp. <i>albedinis</i> and Saprophytic Strain Toxins. <i>Journal of Phytopathology</i> , 2005, 153, 203-208.	1.0	7
27	Increasing the molecular contacts between maurotoxin and Kv1.2 channel augments ligand affinity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 60, 401-411.	2.6	10
28	The impact of the fourth disulfide bridge in scorpion toxins of the $\hat{1}\pm$ -KTx6 subfamily. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 61, 1010-1023.	2.6	21
29	First chemical synthesis of a scorpion $\hat{1}\pm$ -toxin affecting sodium channels: The Aah I toxin of <i>Androctonus australis hector</i> . <i>Journal of Peptide Science</i> , 2004, 10, 666-677.	1.4	12
30	Synthesis and characterization of Pi4, a scorpion toxin from <i>Pandinus imperator</i> that acts on K <sup>+</sup> channels. <i>FEBS Journal</i> , 2003, 270, 3583-3592.	0.2	41
31	Covalent structure and some pharmacological features of native and cleaved $\hat{?}$ -KTx1271, a four disulfide-bridged toxin from <i>Tityus serrulatus</i> venom. <i>Journal of Peptide Science</i> , 2003, 9, 132-140.	1.4	17
32	PnTx4-3, a new insect toxin from <i>Phoneutria nigriventer</i> venom elicits the glutamate uptake inhibition exhibited by PhTx4 toxic fraction. <i>Toxicon</i> , 2003, 42, 793-800.	1.6	27
33	Novel structural class of four disulfide-bridged peptides from <i>Tityus serrulatus</i> venom. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 1086-1092.	2.1	30
34	<i>Phoneutria nigriventer</i> $\hat{?}$ -Phonetoxin IIA Blocks the Cav2 Family of Calcium Channels and Interacts with $\hat{?}$ -Conotoxin-binding Sites. <i>Journal of Biological Chemistry</i> , 2002, 277, 13856-13862.	3.4	57
35	Chemical Synthesis, Molecular Modeling, and Antimicrobial Activity of a Novel Bacteriocin, MMFII. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 13-18.	2.1	8
36	Disulfide bridge reorganization induced by proline mutations in maurotoxin. <i>FEBS Letters</i> , 2001, 489, 202-207.	2.8	19

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37	Parameters affecting in vitro oxidation/folding of maurotoxin, a four-disulphide-bridged scorpion toxin. <i>Biochemical Journal</i> , 2001, 358, 681-692.	3.7	21
38	Parameters affecting in vitro oxidation/folding of maurotoxin, a four-disulphide-bridged scorpion toxin. <i>Biochemical Journal</i> , 2001, 358, 681.	3.7	14
39	Purification, characterization and molecular modelling of two toxin-like proteins from the <i>Androctonus australis Hector</i> venom. <i>FEBS Journal</i> , 2000, 267, 5614-5620.	0.2	22
40	Maurotoxin Versus Pi1/HsTx1 Scorpion Toxins. <i>Journal of Biological Chemistry</i> , 2000, 275, 39394-39402.	3.4	38
41	KTX3, the kaliotoxin from <i>Buthus occitanus tunetanus</i> scorpion venom: one of an extensive family of peptidyl ligands of potassium channels. <i>Toxicon</i> , 2000, 38, 105-111.	1.6	13
42	A Novel Anti-Ep-CAM Antibody to Analyze the Organization of Thymic Medulla in Autoimmunity. <i>Current Topics in Microbiology and Immunology</i> , 2000, 251, 109-117.	1.1	4
43	Scorpion $\hat{I}\pm$ -like toxins, toxic to both mammals and insects, differentially interact with receptor site 3 on voltage-gated sodium channels in mammals and insects. <i>European Journal of Neuroscience</i> , 1999, 11, 975-985.	2.6	46
44	Role of lysine and tryptophan residues in the biological activity of toxin VII (Ts gamma) from the scorpion <i>Tityus serrulatus</i> . <i>FEBS Journal</i> , 1999, 260, 76-86.	0.2	36
45	Aah VI, a novel, N-glycosylated anti-insect toxin from <i>Androctonus australis hector</i> scorpion venom: isolation, characterisation, and glycan structure determination. <i>FEBS Letters</i> , 1999, 443, 175-180.	2.8	30
46	A novel immunoglobulin superfamily junctional molecule expressed by antigen presenting cells, endothelial cells and platelets. <i>Molecular Immunology</i> , 1998, 35, 1111-1119.	2.2	90
47	Maurotoxin, a four disulfide bridges scorpion toxin acting on K <sup>+</sup> channels. <i>Toxicon</i> , 1998, 36, 1609-1611.	1.6	18
48	Purification, structure and activity of three insect toxins from <i>Buthus occitanus tunetanus</i> venom. <i>Toxicon</i> , 1997, 35, 365-382.	1.6	38
49	Maurotoxin, a four disulfide bridge toxin from <i>Scorpio maurus</i> venom: purification, structure and action on potassium channels. <i>FEBS Letters</i> , 1997, 406, 284-290.	2.8	95
50	<sup>1</sup> H-NMR-Derived Secondary Structure and Overall Fold of a Natural Anatoxin from the Scorpion <i>Androctonus Australis Hector</i> . <i>FEBS Journal</i> , 1997, 247, 1118-1126.	0.2	23
51	Biochemical and Pharmacological Characterization of a Depressant Insect Toxin from the Venom of the Scorpion <i>Buthacus arenicola</i> . <i>FEBS Journal</i> , 1997, 243, 93-99.	0.2	38
52	Two neurotoxins (BmK I and BmK II) from the venom of the scorpion <i>Buthus martensi Karsch</i> : purification, amino acid sequences and assessment of specific activity. <i>Toxicon</i> , 1996, 34, 987-1001.	1.6	107
53	Novel anti-platelet aggregation polypeptides from <i>Vipera lebetin</i> venom: Isolation and characterization. <i>FEBS Letters</i> , 1996, 392, 6-10.	2.8	40
54	A New Scorpion Venom Toxin Paralytic to Insects that Affects Na <sup>+</sup> Channel Activation.. <i>FEBS Journal</i> , 1996, 241, 525-532.	0.2	21

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55	Characterization of PO <sub>1</sub> , a new peptide ligand of the apamin-sensitive Ca <sup>2+</sup> -activated K <sup>+</sup> channel. International Journal of Peptide and Protein Research, 1996, 48, 514-521.	0.1	40
56	Characterization and ultrastructural localization of annexin VI from mitochondria. FEBS Letters, 1995, 360, 80-84.	2.8	20
57	Positively charged amino acid residues located similarly in sea anemone and scorpion toxins. Journal of Biological Chemistry, 1994, 269, 16785-16788.	3.4	59
58	The kaliotoxin family enlarged. Purification, characterization, and precursor nucleotide sequence of KTX2 from <i>Androctonus australis</i> venom. Journal of Biological Chemistry, 1994, 269, 32835-32843.	3.4	72
59	The kaliotoxin family enlarged. Purification, characterization, and precursor nucleotide sequence of KTX2 from <i>Androctonus australis</i> venom. Journal of Biological Chemistry, 1994, 269, 32835-43.	3.4	62
60	Positively charged amino acid residues located similarly in sea anemone and scorpion toxins. Journal of Biological Chemistry, 1994, 269, 16785-8.	3.4	52
61	Characterization of toxin III of the scorpion <i>Leiurus quinquestriatus quinquestriatus</i> : A new type of alpha-toxin highly toxic both to mammals and insects. Natural Toxins, 1993, 1, 308-312.	1.0	60
62	Characterization of a new leiurotoxin I-like scorpion toxin. FEBS Letters, 1993, 320, 189-192.	2.8	69
63	Fine molecular analysis of the antigenicity of the <i>Androctonus australis</i> hector scorpion neurotoxin II: A new antigenic epitope disclosed by the pepscan method. Molecular Immunology, 1993, 30, 1061-1068.	2.2	21
64	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
65	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
66	Monoclonal antibodies to toxin II from the scorpion <i>Androctonus australis</i> Hector: Further characterization of epitope specificities and neutralizing capacities. Toxicon, 1992, 30, 723-731.	1.6	10
67	The amino acid sequence of toxin IV from the <i>Androctonus australis</i> scorpion: Differing effects of natural mutations in scorpion I±-toxins on their antigenic and toxic properties. Natural Toxins, 1992, 1, 61-69.	1.0	19
68	The I <sup>2</sup> -type toxin Ts II from the scorpion <i>Tityus serrulatus</i> : Amino acid sequence determination and assessment of biological and antigenic properties. Natural Toxins, 1992, 1, 119-125.	1.0	26
69	Kaliotoxin, a novel peptidyl inhibitor of neuronal BK-type Ca(2+)-activated K <sup>+</sup> channels characterized from <i>Androctonus mauretanicus mauretanicus</i> venom.. Journal of Biological Chemistry, 1992, 267, 1640-1647.	3.4	175
70	Kaliotoxin, a novel peptidyl inhibitor of neuronal BK-type Ca(2+)-activated K <sup>+</sup> channels characterized from <i>Androctonus mauretanicus mauretanicus</i> venom. Journal of Biological Chemistry, 1992, 267, 1640-7.	3.4	137
71	An anti-insect toxin purified from the scorpion <i>Androctonus australis</i> 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
72	Neurotoxins active on insects: amino acid sequences, chemical modifications, and secondary structure estimation by circular dichroism of toxins from the scorpion <i>Androctonus australis</i> Hector. Biochemistry, 1990, 29, 1492-1501.	2.5	59

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73	Delineation of the functional site of a snake venom cardiotoxin: preparation, structure, and function of monoacetylated derivatives. <i>Biochemistry</i> , 1990, 29, 6480-6489.	2.5	49
74	Primary structure of scorpion anti-insect toxins isolated from the venom of <i>Leiurus quinquestriatus quinquestriatus</i> . <i>FEBS Letters</i> , 1990, 261, 423-426.	2.8	66