Ãlvaro MartÃ-nez Del Pozo

List of Publications by Year
in descending order

145 papers	3,981 citations	109321 35 h-index	175258 52 g-index
148 all docs	148 docs citations	148 times ranked	2443 citing authors

#	Article	IF	Citations
1	Na+ controls hypoxic signalling by the mitochondrial respiratory chain. Nature, 2020, 586, 287-291.	27.8	139
2	Fungal ribotoxins: molecular dissection of a family of natural killers. FEMS Microbiology Reviews, 2007, 31, 212-237.	8.6	126
3	Direct Calcium Binding Results in Activation of Brain Serine Racemase. Journal of Biological Chemistry, 2002, 277, 27782-27792.	3.4	116
4	Transgenic Rice Plants Expressing the Antifungal AFP Protein from Aspergillus Giganteus Show Enhanced Resistance to the Rice Blast Fungus Magnaporthe Grisea. Plant Molecular Biology, 2004, 54, 245-259.	3.9	113
5	Characterization of the Antifungal Protein Secreted by the MouldAspergillus giganteus. Archives of Biochemistry and Biophysics, 1995, 324, 273-281.	3.0	101
6	NMR solution structure of the antifungal protein from Aspergillus giganteus: evidence for cysteine pairing isomerism. Biochemistry, 1995, 34, 3009-3021.	2.5	82
7	The behavior of sea anemone actinoporins at the waterâ€"membrane interface. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2275-2288.	2.6	76
8	Characterization of pKaValues and Titration Shifts in the Cytotoxic Ribonuclease Î±-Sarcin by NMR. Relationship between Electrostatic Interactions, Structure, and Catalytic Functionâ€. Biochemistry, 1998, 37, 15865-15876.	2.5	72
9	Activity of the Antifungal Protein from Aspergillus giganteus Against Botrytis cinerea. Phytopathology, 2003, 93, 1344-1353.	2.2	70
10	The highly refined solution structure of the cytotoxic ribonuclease Î±-sarcin reveals the structural requirements for substrate recognition and ribonucleolytic activity 1 1Edited by M. F. Summers. Journal of Molecular Biology, 2000, 299, 1061-1073.	4.2	66
11	Overproduction and purification of biologically active native fungal Î±-sarcin in Escherichia coli. Gene, 1994, 142, 147-151.	2.2	64
12	Sea Anemone Actinoporins: The Transition from a Folded Soluble State to a Functionally Active Membrane-Bound Oligomeric Pore. Current Protein and Peptide Science, 2007, 8, 558-572.	1.4	63
13	Biotechnologically relevant enzymes and proteins. Applied Microbiology and Biotechnology, 2006, 72, 883-895.	3.6	60
14	Conformational study of the antitumor protein Î±-sarcin. BBA - Proteins and Proteomics, 1988, 953, 280-288.	2.1	57
15	Fungal Ribotoxins: A Review of Potential Biotechnological Applications. Toxins, 2017, 9, 71.	3.4	57
16	Sticholysin II, a cytolysin from the sea anemoneStichodactyla helianthus, is a monomer-tetramer associating protein. FEBS Letters, 1999, 455, 27-30.	2.8	55
17	A Protein from the Mold Aspergillus giganteus Is a Potent Inhibitor of Fungal Plant Pathogens. Molecular Plant-Microbe Interactions, 2001, 14, 1327-1331.	2.6	53
18	A PR-1-like Protein of Fusarium oxysporum Functions in Virulence on Mammalian Hosts. Journal of Biological Chemistry, 2012, 287, 21970-21979.	3.4	52

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19	Calorimetric Scrutiny of Lipid Binding by Sticholysin II Toxin Mutants. Journal of Molecular Biology, 2008, 382, 920-930.	4.2	51
20	Release of Lipid Vesicle Contents by an Antibacterial Cecropin Aâˆ’Melittin Hybrid Peptide. Biochemistry, 1996, 35, 9892-9899.	2.5	50
21	Detergent-resistant membranes are platforms for actinoporin pore-forming activity on intact cells. FEBS Journal, 2006, 273, 863-871.	4.7	49
22	Deletion of the NH2-terminal Î²-Hairpin of the Ribotoxin Î±-Sarcin Produces a Nontoxic but Active Ribonuclease. Journal of Biological Chemistry, 2002, 277, 18632-18639.	3.4	48
23	Food mustard allergen interaction with phospholipid vesicles. FEBS Journal, 1994, 225, 609-615.	0.2	47
24	Role of histidine-50, glutamic acid-96, and histidine-137 in the ribonucleolytic mechanism of the ribotoxin ?-sarcin. , 1999, 37, 474-484.		47
25	Ribotoxins are a more widespread group of proteins within the filamentous fungi than previously believed. Toxicon, 1999, 37, 1549-1563.	1.6	47
26	Three-dimensional structure of the actinoporin sticholysin I. Influence of long-distance effects on protein function. Archives of Biochemistry and Biophysics, 2013, 532, 39-45.	3.0	47
27	Cleavage of the sarcin-ricin loop of 23S rRNA differentially affects EF-G and EF-Tu binding. Nucleic Acids Research, 2010, 38, 4108-4119.	14.5	45
28	RNase U2 and Î±-Sarcin: A Study of Relationships. Methods in Enzymology, 2001, 341, 335-351.	1.0	44
29	The insecticidal protein hirsutellin A from the mite fungal pathogen <i>Hirsutella thompsonii</i> is a ribotoxin. Proteins: Structure, Function and Bioinformatics, 2008, 72, 217-228.	2.6	44
30	2NH and 3OH are crucial structural requirements in sphingomyelin for sticholysin II binding and pore formation in bilayer membranes. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 1390-1395.	2.6	44
31	Mitogillin and Related Fungal Ribotoxins. Methods in Enzymology, 2001, 341, 324-335.	1.0	40
32	Infrared Spectroscopy Study on the Conformational Changes Leading to Pore Formation of the Toxin Sticholysin II. Biophysical Journal, 2007, 93, 3191-3201.	0.5	39
33	Anomalous electrophoretic behavior of a very acidic protein: Ribonuclease U2. Electrophoresis, 2005, 26, 3407-3413.	2.4	38
34	The cytotoxin Î±-sarcin behaves as a cyclizing ribonuclease. FEBS Letters, 1998, 424, 46-48.	2.8	36
35	Overproduction in Escherichia coli and Purification of the Hemolytic Protein Sticholysin II from the Sea Anemone Stichodactyla helianthus. Protein Expression and Purification, 2000, 18, 71-76.	1.3	36
36	Specific interactions of sticholysin I with model membranes: An NMR study. Proteins: Structure, Function and Bioinformatics, 2010, 78, 1959-1970.	2.6	36

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37	Silent mutations at the 5â€²-end of the cDNA of actinoporins from the sea anemone Stichodactyla helianthus allow their heterologous overproduction in Escherichia coli. Journal of Biotechnology, 2007, 127, 211-221.	3.8	35
38	Membrane interaction of a beta-structure-forming synthetic peptide comprising the 116â€“139th sequence region of the cytotoxic protein alpha-sarcin. Biophysical Journal, 1995, 68, 2387-2395.	0.5	34
39	Phenotypic selection and characterization of randomly produced non-haemolytic mutants of the toxic sea anemone protein sticholysin II. FEBS Letters, 2004, 575, 14-18.	2.8	34
40	Fungal ribotoxins: Natural protein-based weapons against insects. Toxicon, 2014, 83, 69-74.	1.6	34
41	Cholesterol stimulates and ceramide inhibits Sticholysin II-induced pore formation in complex bilayer membranes. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 925-931.	2.6	34
42	Site-directed mutagenesis of the cysteinyl residues and the active-site serine residue of bacterial D-amino acid transaminase. Biochemistry, 1989, 28, 505-509.	2.5	33
43	Predictive study of the conformation of the cytotoxic protein Î±-sarcin: a structural model to explain Î±-sarcin-membrane interaction. Journal of Theoretical Biology, 1995, 172, 259-267.	1.7	33
44	Structural basis for the catalytic mechanism and substrate specificity of the ribonuclease Î±-sarcin. FEBS Letters, 1996, 399, 163-165.	2.8	33
45	The Antifungal Protein AFP of Aspergillus giganteusIs an Oligonucleotide/Oligosaccharide Binding (OB) Fold-containing Protein That Produces Condensation of DNA. Journal of Biological Chemistry, 2002, 277, 46179-46183.	3.4	33
46	Secretion of Recombinant Pro- and Mature Fungal Î±-Sarcin Ribotoxin by the Methylotrophic YeastPichia pastoris:The Lysâ€“Arg Motif Is Required for Maturation. Protein Expression and Purification, 1998, 12, 315-322.	1.3	32
47	Effect of the antitumour protein Î±-sarcin on the thermotropic behaviour of acid phospholipid vesicles. Biochimica Et Biophysica Acta - Biomembranes, 1991, 1068, 9-16.	2.6	31
48	Characterization of a natural larger form of the antifungal protein (AFP) from Aspergillus giganteus. BBA - Proteins and Proteomics, 1997, 1340, 81-87.	2.1	31
49	Involvement of the amino-terminal Î²-hairpin of theAspergillusribotoxins on the interaction with membrances and nonspecific ribonuclease activity. Protein Science, 2001, 10, 1658-1668.	7.6	30
50	Production and characterization of a colon cancer-specific immunotoxin based on the fungal ribotoxin Â-sarcin. Protein Engineering, Design and Selection, 2012, 25, 425-435.	2.1	30
51	The sea anemone actinoporin (Argâ€Glyâ€Asp) conserved motif is involved in maintaining the competent oligomerization state of these poreâ€forming toxins. FEBS Journal, 2014, 281, 1465-1478.	4.7	30
52	Assignment of the contribution of the tryptophan residues to the spectroscopic and functional properties of the ribotoxin ?-sarcin. Proteins: Structure, Function and Bioinformatics, 2000, 41, 350-361.	2.6	29
53	The Therapeutic Potential of Fungal Ribotoxins. Current Pharmaceutical Biotechnology, 2008, 9, 153-160.	1.6	28
54	Kinetic study of the aggregation and lipid mixing produced by alpha-sarcin on phosphatidylglycerol and phosphatidylserine vesicles: stopped-flow light scattering and fluorescence energy transfer measurements. Biophysical Journal, 1994, 67, 1117-1125.	0.5	27

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55	Modeling the highly specific ribotoxin recognition of ribosomes. FEBS Letters, 2005, 579, 6859-6864.	2.8	26
56	Efficient in vivo antitumor effect of an immunotoxin based on ribotoxin Î±-sarcin in nude mice bearing human colorectal cancer xenografts. SpringerPlus, 2015, 4, 168.	1.2	26
57	Differential Effect of Membrane Composition on the Pore-Forming Ability of Four Different Sea Anemone Actinoporins. Biochemistry, 2016, 55, 6630-6641.	2.5	26
58	Partially folded states of the cytolytic protein sticholysin II. BBA - Proteins and Proteomics, 2001, 1545, 122-131.	2.1	25
59	A novel Carcinoembryonic Antigen (CEA)-Targeted Trimeric Immunotoxin shows significantly enhanced Antitumor Activity in Human Colorectal Cancer Xenografts. Scientific Reports, 2019, 9, 11680.	3.3	25
60	¹H and ¹⁵N nuclear magnetic resonance assignment and secondary structure of the cytotoxic ribonuclease Î±â€sarcin. Protein Science, 1996, 5, 969-972.	7.6	24
61	Sequence Determination and Molecular Characterization of Gigantin, a Cytotoxic Protein Produced by the MouldAspergillus giganteusIFO 5818. Archives of Biochemistry and Biophysics, 1997, 343, 188-193.	3.0	24
62	Arginine 121 is a crucial residue for the specific cytotoxic activity of the ribotoxin Î±-sarcin. FEBS Journal, 2001, 268, 6190-6196.	0.2	24
63	1H, 13C, and 15N NMR assignments of the actinoporin Sticholysin I. Biomolecular NMR Assignments, 2009, 3, 5-7.	0.8	24
64	Production of the biotechnologically relevant AFP from Aspergillus giganteus in the yeast Pichia pastoris. Protein Expression and Purification, 2010, 70, 206-210.	1.3	24
65	Characterization of a new toxin from the entomopathogenic fungus Metarhizium anisopliae: the ribotoxin anisoplin. Biological Chemistry, 2017, 398, 135-142.	2.5	24
66	Production and characterization of a noncytotoxic deletion variant of the Aspergillus fumigatus allergen Aspf1 displaying reduced IgE binding. FEBS Journal, 2005, 272, 2536-2544.	4.7	23
67	The Effect of Cholesterol on the Long-Range Network of Interactions Established among Sea Anemone Sticholysin II Residues at the Water-Membrane Interface. Marine Drugs, 2015, 13, 1647-1665.	4.6	23
68	Toxin-induced pore formation is hindered by intermolecular hydrogen bonding in sphingomyelin bilayers. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1189-1195.	2.6	23
69	Stichodactyla helianthus' de novo transcriptome assembly: Discovery of a new actinoporin isoform. Toxicon, 2018, 150, 105-114.	1.6	23
70	Hirsutellin A: A Paradigmatic Example of the Insecticidal Function of Fungal Ribotoxins. Insects, 2013, 4, 339-356.	2.2	22
71	Role of the Tryptophan Residues in the Specific Interaction of the Sea Anemone <i>Stichodactyla helianthus</i>â€™s Actinoporin Sticholysin II with Biological Membranes. Biochemistry, 2016, 55, 6406-6420.	2.5	22
72	Intrinsic local disorder and a network of chargeâ€“charge interactions are key to actinoporin membrane disruption and cytotoxicity. FEBS Journal, 2011, 278, 2080-2089.	4.7	21

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73	Synergistic Action of Actinoporin Isoforms from the Same Sea Anemone Species Assembled into Functionally Active Heteropores. Journal of Biological Chemistry, 2016, 291, 14109-14119.	3.4	21
74	Regulation of Sticholysin II-Induced Pore Formation by Lipid Bilayer Composition, Phase State, and Interfacial Properties. Langmuir, 2016, 32, 3476-3484.	3.5	20
75	Substitution of glutamine for lysine at the pyridoxal phosphate binding site of bacterial D-amino acid transaminase. Effects of exogenous amines on the slow formation of intermediates. Journal of Biological Chemistry, 1990, 265, 22306-12.	3.4	20
76	Stereospecificity of reactions catalyzed by bacterial D-amino acid transaminase. Journal of Biological Chemistry, 1989, 264, 17784-9.	3.4	20
77	Fungal extracellular ribotoxins as insecticidal agents. Insect Biochemistry and Molecular Biology, 2013, 43, 39-46.	2.7	19
78	Preparation of an engineered safer immunotoxin against colon carcinoma based on the ribotoxin hirsutellinÂA. FEBS Journal, 2015, 282, 2131-2141.	4.7	19
79	One single salt bridge explains the different cytolytic activities shown by actinoporins sticholysin I and II from the venom of Stichodactyla helianthus. Archives of Biochemistry and Biophysics, 2017, 636, 79-89.	3.0	19
80	Inactivation of dimeric D-amino acid transaminase by a normal substrate through formation of an unproductive coenzyme adduct in one subunit. Biochemistry, 1992, 31, 6018-6023.	2.5	18
81	Thermal unfolding of the cytotoxin Î±-sarcin: phospholipid binding induces destabilization of the protein structure. BBA - Proteins and Proteomics, 1995, 1252, 126-134.	2.1	18
82	The solubility of the ribotoxin alpha-sarcin, produced as a recombinant protein in Escherichia coli, is increased in the presence of thioredoxin. Letters in Applied Microbiology, 2000, 30, 298-302.	2.2	18
83	Production and characterization of scFvA33T1, an immunoRNase targeting colon cancer cells. FEBS Journal, 2012, 279, 3022-3032.	4.7	18
84	Hirsutellin A Displays Significant Homology to Microbial Extracellular Ribonucleases. Journal of Invertebrate Pathology, 1999, 74, 96-97.	3.2	17
85	Backbone dynamics of the cytotoxic ribonuclease alpha-sarcin by 15N NMR relaxation methods. Journal of Biomolecular NMR, 2002, 24, 301-316.	2.8	17
86	Dissecting Structural and Electrostatic Interactions of Charged Groups in Î±-Sarcin. An NMR Study of Some Mutants Involving the Catalytic Residuesâ€. Biochemistry, 2003, 42, 13122-13133.	2.5	17
87	A peptide of nine amino acid residues from Î±â€sarcin cytotoxin is a membraneâ€perturbing structure. Chemical Biology and Drug Design, 1998, 51, 142-148.	1.1	17
88	Leucine 145 of the ribotoxin Â-sarcin plays a key role for determining the specificity of the ribosome-inactivating activity of the protein. Protein Science, 2003, 12, 161-169.	7.6	16
89	NMR structure of the noncytotoxic Â-sarcin mutant Â(7-22): The importance of the native conformation of peripheral loops for activity. Protein Science, 2004, 13, 1000-1011.	7.6	16
90	Tyr-48, a conserved residue in ribotoxins, is involved in the RNA-degrading activity of Î±-sarcin. Biological Chemistry, 2006, 387, 535-41.	2.5	16

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91	Pore-Forming Proteins from Cnidarians and Arachnids as Potential Biotechnological Tools. Toxins, 2019, 11, 370.	3.4	16
92	Spectroscopic characterization of the alkylated Î±-sarcin cytotoxin: analysis of the structural requirements for the protein-lipid bilayer hydrophobic interaction. BBA - Proteins and Proteomics, 1995, 1252, 43-52.	2.1	15
93	Role of the basic character of Î±-sarcinâ€™s NH2-terminal Î²-hairpin in ribosome recognition and phospholipid interaction. Archives of Biochemistry and Biophysics, 2009, 481, 37-44.	3.0	15
94	Differential Effect of Bilayer Thickness on Sticholysin Activity. Langmuir, 2017, 33, 11018-11027.	3.5	15
95	pH-Dependent Conformational Stability of the Ribotoxin Î±-Sarcin and Four Active Site Charge Substitution Variantsâ€. Biochemistry, 2006, 45, 13705-13718.	2.5	14
96	1H, 13C, and 15N NMR assignments of StnII-Y111N, a highly impaired mutant of the sea anemone actinoporin Sticholysin II. Biomolecular NMR Assignments, 2010, 4, 69-72.	0.8	14
97	Interaction of Type I Collagen with Phosphatidylcholine Vesicles. Collagen and Related Research, 1988, 8, 133-144.	2.0	13
98	Oligomerization of the cytotoxin Î±-sarcin associated with phospholipid membranes. Molecular Membrane Biology, 1998, 15, 141-144.	2.0	13
99	Î±â€sarcin and <scp>RN</scp>ase T1 based immunoconjugates: the role of intracellular trafficking in cytotoxic efficiency. FEBS Journal, 2015, 282, 673-684.	4.7	13
100	Structure-Activity Relationship of Î± Mating Pheromone from the Fungal Pathogen Fusarium oxysporum. Journal of Biological Chemistry, 2017, 292, 3591-3602.	3.4	13
101	Modulation by the ratio S-adenosylmethionineS-adenosylhomocysteine of cyclic AMP-dependent phosphorylation of the 50 kDa protein of rat liver phospholipid methyltransferase. Biochimica Et Biophysica Acta - Molecular Cell Research, 1985, 847, 273-279.	4.1	12
102	The Metamorphic Transformation of a Water-Soluble Monomeric Protein Into an Oligomeric Transmembrane Pore. Advances in Biomembranes and Lipid Self-Assembly, 2017, 26, 51-97.	0.6	12
103	Differential toxicity of antifungal protein AFP against mutants of Fusarium oxysporum. International Microbiology, 2009, 12, 115-21.	2.4	12
104	Implication of an Asp residue in the ribonucleolytic activity of hirsutellin A reveals new electrostatic interactions at the active site of ribotoxins. Biochimie, 2012, 94, 427-433.	2.6	11
105	Characterization of a novel cysteine-rich antifungal protein from Fusarium graminearum with activity against maize fungal pathogens. International Journal of Food Microbiology, 2018, 283, 45-51.	4.7	11
106	Interaction of type I collagen fibrils with phospholipid vesicles. Matrix Biology, 1989, 9, 405-410.	1.7	10
107	Substrate Inhibition ofd-Amino Acid Transaminase and Protection by Salts and by Reduced Nicotinamide Adenine Dinucleotide:Â Isolation and Initial Characterization of a Pyridoxo Intermediate Related to Inactivationâ€. Biochemistry, 1998, 37, 2879-2888.	2.5	10
108	Effect of divalent cations on structureâ€function relationships of the antitumor protein Î±â€sarcin. International Journal of Peptide and Protein Research, 1989, 34, 416-422.	0.1	10

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109	A non-cytotoxic but ribonucleolytically specific ribotoxin variant: implication of tryptophan residues in the cytotoxicity of hirsutellin A. Biological Chemistry, 2012, 393, 449-456.	2.5	10
110	The Acidic Ribosomal Stalk Proteins Are Not Required for the Highly Specific Inactivation Exerted by Î±-Sarcin of the Eukaryotic Ribosome. Biochemistry, 2014, 53, 1545-1547.	2.5	10
111	Sticholysin, Sphingomyelin, and Cholesterol: A Closer Look at a Tripartite Interaction. Biophysical Journal, 2019, 116, 2253-2265.	0.5	10
112	A deletion variant of the Aspergillus fumigatus ribotoxin Asp f 1 induces an attenuated airway inflammatory response in a mouse model of sensitization. Journal of Investigational Allergology and Clinical Immunology, 2010, 20, 69-75.	1.3	10
113	Chronic ethanol abuse and membrane fluidity changes in liver disease. Drug and Alcohol Dependence, 1992, 29, 237-243.	3.2	9
114	Refined NMR structure of Î±-sarcin by 15Nâ€"1H residual dipolar couplings. European Biophysics Journal, 2005, 34, 1057-1065.	2.2	9
115	Involvement of loops 2 and 3 of Î±-sarcin on its ribotoxic activity. Toxicon, 2015, 96, 1-9.	1.6	9
116	Molecular aspects of Î±-sarcin penetration in phospholipid bilayers. Biochemical Society Transactions, 1989, 17, 999-1000.	3.4	8
117	Ribonuclease U2: cloning, production inPichia pastorisand affinity chromatography purification of the active recombinant protein. FEMS Microbiology Letters, 2000, 189, 165-169.	1.8	8
118	Tautomeric state of Î±-sarcin histidines. NÎ´ tautomers are a common feature in the active site of extracellular microbial ribonucleases. FEBS Letters, 2003, 534, 197-201.	2.8	8
119	Conserved asparagine residue 54 of Î±-sarcin plays a role in protein stability and enzyme activity. Biological Chemistry, 2004, 385, 1165-1170.	2.5	8
120	Oligomerization of Sticholysins from FÃ¶rster Resonance Energy Transfer. Biochemistry, 2021, 60, 314-323.	2.5	8
121	Interaction of Pyridoxal 5â€˜-Phosphate with Tryptophan-139 at the Subunit Interface of Dimericd-Amino Acid Transaminaseâ€. Biochemistry, 1996, 35, 2112-2116.	2.5	7
122	Control of polygalacturonase synthesis in<i>Fusarium oxyspotum</i>f.sp.<i>radicis lycopersici</i>. Canadian Journal of Microbiology, 1997, 43, 1084-1090.	1.7	7
123	1H, 13C, and 15N NMR assignments of StnII-R29Q, a defective lipid binding mutant of the sea anemone actinoporin Sticholysin II. Biomolecular NMR Assignments, 2009, 3, 239-241.	0.8	7
124	Influence of key residues on the heterologous extracellular production of fungal ribonuclease U2 in the yeast Pichia pastoris. Protein Expression and Purification, 2009, 65, 223-229.	1.3	7
125	Structural foundations of sticholysin functionality. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2021, 1869, 140696.	2.3	7
126	Binding of 1â€anilinonaphthaleneâ€8â€sulfonic acid to type I collagen. International Journal of Peptide and Protein Research, 1986, 28, 173-178.	0.1	6

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127	Functional and Structural Variation among Sticholysins, Pore-Forming Proteins from the Sea Anemone Stichodactyla helianthus. International Journal of Molecular Sciences, 2020, 21, 8915.	4.1	6
128	The ribotoxin Î±-sarcin can cleave the sarcin/ricin loop on late 60S pre-ribosomes. Nucleic Acids Research, 2020, 48, 6210-6222.	14.5	6
129	Evaluation of different approaches used to study membrane permeabilization by actinoporins on model lipid vesicles. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183311.	2.6	6
130	Lactococcus lactis as a vehicle for the heterologous expression of fungal ribotoxin variants with reduced IgE-binding affinity. Journal of Biotechnology, 2008, 134, 1-8.	3.8	5
131	The ribonucleolytic activity of the ribotoxin Î±-sarcin is not essential for in vitro protein biosynthesis inhibition. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 1377-1382.	2.3	5
132	Involvement of loop 5 lysine residues and the N-terminal Î²-hairpin of the ribotoxin hirsutellin A on its insecticidal activity. Biological Chemistry, 2016, 397, 135-145.	2.5	5
133	Structural and functional characterization of sticholysin III: A newly discovered actinoporin within the venom of the sea anemone Stichodactyla helianthus. Archives of Biochemistry and Biophysics, 2020, 689, 108435.	3.0	5
134	Structure of Fungal Î± Mating Pheromone in Membrane Mimetics Suggests a Possible Role for Regulation at the Water-Membrane Interface. Frontiers in Microbiology, 2020, 11, 1090.	3.5	5
135	Minimized natural versions of fungal ribotoxins show improved active site plasticity. Archives of Biochemistry and Biophysics, 2017, 619, 45-53.	3.0	4
136	Biophysical approaches to study actinoporin-lipid interactions. Methods in Enzymology, 2021, 649, 307-339.	1.0	4
137	Escherichia coli JA221 can suppress the UAG stop signal. Letters in Applied Microbiology, 1995, 21, 96-98.	2.2	3
138	Der p 1-based immunotoxin as potential tool for the treatment of dust mite respiratory allergy. Scientific Reports, 2020, 10, 12255.	3.3	3
139	Acetylenic-Î³-aminobutyrate as an enzyme-activated inhibitor of D-amino acid transaminase. Biochimie, 1989, 71, 505-508.	2.6	2
140	Sticholysin Iâ€"II oligomerization in the absence of membranes. FEBS Letters, 2022, , .	2.8	2
141	Molecular Interactions Involved in the Passage of the Cytotoxic Protein Î±-Sarcin Across Membranes. , 1994, , 269-276.		1
142	Analysis of Fusarium graminearum Antifungal Proteinâ€™s and Latrodectin-IIâ€™s Effect on Growth and Toxigenesis of Aspergillus Fungi with Agrofood Impact. , 0, , .		1
143	Bacterial D-Amino Acid Transaminase.. Annals of the New York Academy of Sciences, 1990, 585, 516-518.	3.8	0
144	Heterologous expression and enzymatic characterisation of exopolygalacturonase PGX1. , 2009, , .		0

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145	Sticholysins, Sphingomyelin and Cholesterol: A Closer Look into a Tripartite Interaction. Biophysical Journal, 2019, 116, 518a.	0.5	0