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List of Publications by Year
in descending order

401 papers	15,581 citations	18482 62 h-index	31849 101 g-index
415 all docs	415 docs citations	415 times ranked	14129 citing authors

#	Article	IF	Citations
1	All-D amino acid-containing channel-forming antibiotic peptides.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 4761-4765.	7.1	673
2	Animal antimicrobial peptides: An overview. Biopolymers, 1998, 47, 415-433.	2.4	518
3	A receptor for the enantioselective recognition of phenylalanine and tryptophan under neutral conditions. Journal of the American Chemical Society, 1992, 114, 1511-1512.	13.7	276
4	Binding and action of cecropin and cecropin analogues: Antibacterial peptides from insects. Biochimica Et Biophysica Acta - Biomembranes, 1988, 939, 260-266.	2.6	269
5	Shortened cecropin A-melittin hybrids Significant size reduction retains potent antibiotic activity. FEBS Letters, 1992, 296, 190-194.	2.8	241
6	A large-scale evaluation of peptide vaccines against foot-and-mouth disease: lack of solid protection in cattle and isolation of escape mutants. Journal of Virology, 1997, 71, 2606-2614.	3.4	209
7	N-Terminal analogs of cecropin A: synthesis, antibacterial activity, and conformational properties. Biochemistry, 1985, 24, 1683-1688.	2.5	202
8	A single amino acid substitution affects multiple overlapping epitopes in the major antigenic site of foot-and-mouth disease virus of serotype C. Journal of General Virology, 1990, 71, 629-637.	2.9	199
9	Escherichia coli Cell Surface Perturbation and Disruption Induced by Antimicrobial Peptides BP100 and pepR. Journal of Biological Chemistry, 2010, 285, 27536-27544.	3.4	193
10	Combined Endocardial and Epicardial Catheter Ablation in Arrhythmogenic Right Ventricular Dysplasia Incorporating Scar Dechanneling Technique. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 111-121.	4.8	189
11	Connecting Peptide Physicochemical and Antimicrobial Properties by a Rational Prediction Model. PLoS ONE, 2011, 6, e16968.	2.5	185
12	Three-Dimensional Architecture of Scar and Conducting Channels Based on High Resolution ce-CMR. Circulation: Arrhythmia and Electrophysiology, 2013, 6, 528-537.	4.8	179
13	Sensory feedback restoration in leg amputees improves walking speed, metabolic cost and phantom pain. Nature Medicine, 2019, 25, 1356-1363.	30.7	174
14	Structure of the major antigenic loop of foot-and-mouth disease virus complexed with a neutralizing antibody: direct involvement of the Arg-Gly-Asp motif in the interaction.. EMBO Journal, 1995, 14, 1690-1696.	7.8	170
15	Retro and retroenantio analogs of cecropin-melittin hybrids.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 3449-3453.	7.1	158
16	Differential apomucin expression in normal and neoplastic human gastrointestinal tissues. Gastroenterology, 1994, 107, 160-172.	1.3	150
17	Cell Recognition by Foot-and-Mouth Disease Virus That Lacks the RGD Integrin-Binding Motif: Flexibility in Aphthovirus Receptor Usage. Journal of Virology, 2000, 74, 1641-1647.	3.4	150
18	Cardiac magnetic resonanceâ€“aided scar dechanneling: Influence on acute and long-term outcomes. Heart Rhythm, 2017, 14, 1121-1128.	0.7	148

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19	Antibacterial peptides designed as analogs or hybrids of cecropins and melittin. International Journal of Peptide and Protein Research, 1992, 40, 429-436.	0.1	143
20	AMPA: an automated web server for prediction of protein antimicrobial regions. Bioinformatics, 2012, 28, 130-131.	4.1	140
21	Sixâ€Month Assessment of a Hand Prosthesis with Intraneural Tactile Feedback. Annals of Neurology, 2019, 85, 137-154.	5.3	140
22	Cecropin Aâ€”Derived Peptides Are Potent Inhibitors of Fungal Plant Pathogens. Molecular Plant-Microbe Interactions, 1998, 11, 218-227.	2.6	139
23	Molecular cloning, cDNA sequencing, and chemical synthesis of cecropin B from Hyalophora cecropia.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 2240-2243.	7.1	138
24	Implications of a quasispecies genome structure: effect of frequent, naturally occurring amino acid substitutions on the antigenicity of foot-and-mouth disease virus.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 5883-5887.	7.1	134
25	Reactivity with monoclonal antibodies of viruses from an episode of foot-and-mouth disease. Virus Research, 1987, 8, 261-274.	2.2	127
26	Systematic Replacement of Amino Acid Residues within an Arg-Gly-Asp-containing Loop of Foot-and-Mouth Disease Virus and Effect on Cell Recognition. Journal of Biological Chemistry, 1996, 271, 12814-12819.	3.4	118
27	N-Terminal Fatty Acid Substitution Increases the Leishmanicidal Activity of CA(1-7)M(2-9), a Cecropin-Melittin Hybrid Peptide. Antimicrobial Agents and Chemotherapy, 2001, 45, 2441-2449.	3.2	117
28	Distinct repertoire of antigenic variants of foot-and-mouth disease virus in the presence or absence of immune selection. Journal of Virology, 1993, 67, 6071-6079.	3.4	117
29	Solid-phase synthesis of cecropin A and related peptides.. Proceedings of the National Academy of Sciences of the United States of America, 1983, 80, 6475-6479.	7.1	113
30	The cost of resistance to colistin in Acinetobacter baumannii: a proteomic perspective. Proteomics, 2009, 9, 1632-1645.	2.2	112
31	Scar Characterization to Predict Life-Threatening Arrhythmic Events andÂSudden Cardiac Death in Patients With Cardiac Resynchronization Therapy. JACC: Cardiovascular Imaging, 2018, 11, 561-572.	5.3	111
32	3D delayed-enhanced magnetic resonance sequences improve conducting channel delineation prior to ventricular tachycardia ablation. Europace, 2015, 17, 938-945.	1.7	110
33	Formation of Disulfide Bonds in Synthetic Peptides and Proteins. , 1994, 35, 91-170.		109
34	Efficacy of circumferential pulmonary vein ablation of atrial fibrillation in endurance athletes. Europace, 2010, 12, 30-36.	1.7	109
35	Antioxidant, anticancer and ACE-inhibitory activities of bioactive peptides from wheat germ protein hydrolysates. Food Bioscience, 2019, 32, 100450.	4.4	108
36	Left atrial fibrosis quantification by late gadolinium-enhanced magnetic resonance: a new method to standardize the thresholds for reproducibility. Europace, 2017, 19, 1272-1279.	1.7	103

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37	Chemical Synthesis and Enzymic Processing of Precursor Forms of Cecropins A and B. Journal of Biological Chemistry, 1989, 264, 5852-5860.	3.4	101
38	Synthetic peptide antagonists of glucagon.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 4083-4087.	7.1	99
39	Antimicrobial Peptide Action on Parasites. Current Drug Targets, 2012, 13, 1138-1147.	2.1	97
40	The plasma membrane of Leishmania donovani promastigotes is the main target for CA(1â€“8)M(1â€“18), a synthetic cecropin Aâ€“melittin hybrid peptide. Biochemical Journal, 1998, 330, 453-460.	3.7	96
41	Screening of antifeedant activity in brain extracts led to the identification of sulfakinin as a satiety promoter in the German cockroach.. FEBS Journal, 2001, 268, 5824-5830.	0.2	95
42	Identification of an anti-mycobacterial domain in NK-lysin and granulysin. Biochemical Journal, 1999, 344, 845-849.	3.7	93
43	Enhanced Mucosal Immunoglobulin A Response and Solid Protection against Foot-and-Mouth Disease Virus Challenge Induced by a Novel Dendrimeric Peptide. Journal of Virology, 2008, 82, 7223-7230.	3.4	92
44	Direct evaluation of the immunodominance of a major antigenic site of foot-and-mouth disease virus in a natural host. Virology, 1995, 206, 298-306.	2.4	89
45	Amphibian antimicrobial peptides and Protozoa: Lessons from parasites. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 1570-1581.	2.6	89
46	Chemical synthesis and enzymic processing of precursor forms of cecropins A and B. Journal of Biological Chemistry, 1989, 264, 5852-60.	3.4	89
47	Antibacterial peptides and mitochonrial presequences affect mitochonrial coupling, respiration and protein import. FEBS Journal, 1994, 223, 1027-1033.	0.2	85
48	Galectin-1 Is a Novel Functional Receptor for Tissue Plasminogen Activator in Pancreatic Cancer. Gastroenterology, 2009, 136, 1379-1390.e5.	1.3	85
49	Activity of Cecropin A-Melittin Hybrid Peptides against Colistin-Resistant Clinical Strains of Acinetobacter baumannii : Molecular Basis for the Differential Mechanisms of Action. Antimicrobial Agents and Chemotherapy, 2006, 50, 1251-1256.	3.2	84
50	Solid-phase synthesis of PYLa and isolation of its natural counterpart, PGLa [PYLa-(4-24)] from skin secretion of Xenopus laevis. FEBS Journal, 1985, 149, 531-535.	0.2	83
51	Mechanisms of bacterial membrane permeabilization by crotalicidin (Ctn) and its fragment Ctn(15â€“34), antimicrobial peptides from rattlesnake venom. Journal of Biological Chemistry, 2018, 293, 1536-1549.	3.4	83
52	Identification of T-Cell Epitopes in Nonstructural Proteins of Foot-and-Mouth Disease Virus. Journal of Virology, 2001, 75, 3164-3174.	3.4	79
53	Secretin stimulates cyclic AMP and inositol trisphosphate production in rat pancreatic acinar tissue by two fully independent mechanisms.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 3146-3150.	7.1	78
54	Antimicrobial Action and Cell Agglutination by the Eosinophil Cationic Protein Are Modulated by the Cell Wall Lipopolysaccharide Structure. Antimicrobial Agents and Chemotherapy, 2012, 56, 2378-2385.	3.2	78

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55	Two Human Host Defense Ribonucleases against Mycobacteria, the Eosinophil Cationic Protein (RNase) Tj ETQq1 1 0.784314 rgBT /O	3.2	78
56	Bactericidal and membrane disruption activities of the eosinophil cationic protein are largely retained in an N-terminal fragment. Biochemical Journal, 2009, 421, 425-434.	3.7	77
57	NMR and Modeling Studies of Protein-Carbohydrate Interactions: Synthesis, Three-Dimensional Structure, and Recognition Properties of a Minimum Hevein Domain with Binding Affinity for Chitooligosaccharides. ChemBioChem, 2004, 5, 1245-1255.	2.6	75
58	Ranacyclins, a New Family of Short Cyclic Antimicrobial Peptides:â€‰ Biological Function, Mode of Action, and Parameters Involved in Target Specificity,,. Biochemistry, 2003, 42, 14023-14035.	2.5	73
59	A Similar Pattern of Interaction for Different Antibodies with a Major Antigenic Site of Foot-and-Mouth Disease Virus: Implications for Intratypic Antigenic Variation. Journal of Virology, 1998, 72, 739-748.	3.4	69
60	Infarct transmurality as a criterion for first-line endo-epicardial substrateâ€“guided ventricular tachycardia ablation in ischemic cardiomyopathy. Heart Rhythm, 2016, 13, 85-95.	0.7	68
61	Secondary Structure and Lipid Interactions of the N-Terminal Segment of Pulmonary Surfactant SP-C in Langmuir Films:Â IR Reflectionâ^'Absorption Spectroscopy and Surface Pressure Studiesâ€. Biochemistry, 2002, 41, 8385-8395.	2.5	67
62	Tubulin structure probed with antibodies to synthetic peptides. Mapping of three major types of limited proteolysis fragments. Biochemistry, 1988, 27, 5352-5365.	2.5	66
63	Detection of the MUC2 apomucin tandem repeat with a mouse monoclonal antibody. Gastroenterology, 1993, 104, 93-102.	1.3	63
64	Safety and Efficacy of Antimicrobial Peptides against Naturally Acquired Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2004, 48, 641-643.	3.2	63
65	Structural Dissection of Crotalicidin, a Rattlesnake Venom Cathelicidin, Retrieves a Fragment with Antimicrobial and Antitumor Activity. Journal of Medicinal Chemistry, 2015, 58, 8553-8563.	6.4	63
66	Vipericidins: a novel family of cathelicidin-related peptides from the venom gland of South American pit vipers. Amino Acids, 2014, 46, 2561-2571.	2.7	60
67	On the primary structures of lysozyme, cecropins and attacins from Hyalophora cecropia. Developmental and Comparative Immunology, 1985, 9, 551-558.	2.3	58
68	Fusionâ€Optimized Intervals (FOI): A New Method to Achieve the Narrowest QRS for Optimization of the AV and VV Intervals in Patients Undergoing Cardiac Resynchronization Therapy. Journal of Cardiovascular Electrophysiology, 2014, 25, 283-292.	1.7	58
69	IBTM-Containing Gramicidin S Analogues:â€‰ Evidence for IBTM as a Suitable Type IIâ€˜ Î²-Turn Mimetic1,2. Journal of the American Chemical Society, 1997, 119, 10579-10586.	13.7	57
70	Immunogenicity and T cell recognition in swine of foot-and-mouth disease virus polymerase 3D. Virology, 2004, 322, 264-275.	2.4	57
71	Substrate modification or ventricular tachycardia induction, mapping, and ablation as the first step? A randomized study. Heart Rhythm, 2016, 13, 1589-1595.	0.7	57
72	Identification of new leishmanicidal peptide lead structures by automated real-time monitoring of changes in intracellular ATP. Biochemical Journal, 2003, 375, 221-230.	3.7	56

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73	The effect of cyclization on the enzymatic degradation of herpes simplex virus glycoprotein D derived epitope peptide. Journal of Peptide Science, 2005, 11, 642-649.	1.4	56
74	Ribonucleases as a host-defence family: evidence of evolutionarily conserved antimicrobial activity at the N-terminus. Biochemical Journal, 2013, 456, 99-108.	3.7	56
75	Activities of Polymyxin B and Cecropin A-Melittin Peptide CA(1-8)M(1-18) against a Multiresistant Strain of Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2002, 46, 875-878.	3.2	55
76	<scp>d</scp>â€Enantiomers of 15â€residue cecropin Aâ€melittin hybrids. International Journal of Peptide and Protein Research, 1995, 46, 214-220.	0.1	55
77	The Generation of Antimicrobial Peptide Activity: A Tradeâ€off between Charge and Aggregation?. Angewandte Chemie - International Edition, 2011, 50, 10686-10689.	13.8	55
78	Neutralization of Human Respiratory Syncytial Virus Infectivity by Antibodies and Low-Molecular-Weight Compounds Targeted against the Fusion Glycoprotein. Journal of Virology, 2010, 84, 7970-7982.	3.4	54
79	1988â€“2018: Thirty years of drug smuggling at the nano scale. Challenges and opportunities of cell-penetrating peptides in biomedical research. Archives of Biochemistry and Biophysics, 2019, 661, 74-86.	3.0	54
80	Structure of the major antigenic loop of foot-and-mouth disease virus complexed with a neutralizing antibody: direct involvement of the Arg-Gly-Asp motif in the interaction. EMBO Journal, 1995, 14, 1690-6.	7.8	54
81	Monitoring antibacterial permeabilization in real time using time-resolved flow cytometry. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 554-560.	2.6	53
82	Conformational constraints of conserved neutralizing epitopes from a major antigenic area of human respiratory syncytial virus fusion glycoprotein. Journal of General Virology, 1993, 74, 2567-2577.	2.9	51
83	Release of Lipid Vesicle Contents by an Antibacterial Cecropin Aâ^'Melittin Hybrid Peptide. Biochemistry, 1996, 35, 9892-9899.	2.5	50
84	Studies on the antimicrobial activity of cecropin A-melittin hybrid peptides in colistin-resistant clinical isolates of Acinetobacter baumannii. Journal of Antimicrobial Chemotherapy, 2006, 58, 95-100.	3.0	50
85	Repositioning of dexamethasone intravitreal implant (OzurdexÂ®) migrated into the anterior chamber. International Ophthalmology, 2012, 32, 583-584.	1.4	50
86	Amyloid-Î² Peptide Nitrotyrosination Stabilizes Oligomers and Enhances NMDAR-Mediated Toxicity. Journal of Neuroscience, 2016, 36, 11693-11703.	3.6	50
87	New Genes and Functional Innovation in Mammals. Genome Biology and Evolution, 2017, 9, 1886-1900.	2.5	50
88	Tubulin assembly probed with antibodies to synthetic peptides. Journal of Molecular Biology, 1990, 214, 105-120.	4.2	49
89	Interaction and Lipid-Induced Conformation of Two Cecropinâ^'Melittin Hybrid Peptides Depend on Peptide and Membrane Composition. Journal of Physical Chemistry B, 2005, 109, 17311-17319.	2.6	49
90	Full protection of swine against foot-and-mouth disease by a bivalent B-cell epitope dendrimer peptide. Antiviral Research, 2016, 129, 74-80.	4.1	49

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91	Multielectrode vs. point-by-point mapping for ventricular tachycardia substrate ablation: a randomized study. Europace, 2018, 20, 512-519.	1.7	49
92	Orcokinins in insects and other invertebrates. Insect Biochemistry and Molecular Biology, 2004, 34, 1141-1146.	2.7	48
93	Usefulness of transoesophageal echocardiography before circumferential pulmonary vein ablation in patients with atrial fibrillation: is it really mandatory?. Europace, 2011, 13, 486-491.	1.7	48
94	Midterm 'super-response' to cardiac resynchronization therapy by biventricular pacing with fusion: insights from electro-anatomical mapping. Europace, 2009, 11, 1675-1682.	1.7	47
95	Use of the Npys thiol protection in solid phase peptide synthesis Application to direct peptideâ€protein conjugation through cysteine residues. International Journal of Peptide and Protein Research, 1989, 34, 124-128.	0.1	47
96	A Comparative Study of Different Presentation Strategies for an HIV Peptide Immunogen. Bioconjugate Chemistry, 2004, 15, 112-120.	3.6	46
97	Therapeutic Index of Gramicidin S is Strongly Modulated by <scp>d</scp>-Phenylalanine Analogues at the Î²-Turn. Journal of Medicinal Chemistry, 2009, 52, 664-674.	6.4	46
98	Partial protection against classical swine fever virus elicited by dendrimeric vaccine-candidate peptides in domestic pigs. Vaccine, 2011, 29, 4422-4429.	3.8	45
99	Identification and synthesis of multifunctional peptides from wheat germ hydrolysate fractions obtained by proteinase K digestion. Journal of Food Biochemistry, 2019, 43, e12800.	2.9	45
100	Sinus rhythm detection of conducting channels and ventricular tachycardia isthmus in arrhythmogenic right ventricular cardiomyopathy. Heart Rhythm, 2014, 11, 747-754.	0.7	44
101	Synthetic and structural studies onPyrularia puberathionin: a single-residue mutation enhances activity against Gram-negative bacteria. FEBS Letters, 2003, 536, 215-219.	2.8	43
102	Energetics and Partition of Two Cecropin-Melittin Hybrid Peptides to Model Membranes of Different Composition. Biophysical Journal, 2008, 94, 2128-2141.	0.5	43
103	Mutagenesis and computer modelling approach to study determinants for recognition of signal peptides by the mitochondrial processing peptidase. Plant Journal, 2001, 27, 427-438.	5.7	42
104	Direct kinetic assay of interactions between small peptides and immobilized antibodies using a surface plasmon resonance biosensor. Journal of Immunological Methods, 2002, 259, 217-230.	1.4	42
105	Structural Analysis and Assembly of the HIV-1 Gp41 Amino-Terminal Fusion Peptide and the Pretransmembrane Amphipathic-At-Interface Sequence. Biochemistry, 2006, 45, 14337-14346.	2.5	42
106	A Novel Cell-Penetrating Peptide Sequence Derived by Structural Minimization of a Snake Toxin Exhibits Preferential Nucleolar Localization. Journal of Medicinal Chemistry, 2008, 51, 7041-7044.	6.4	42
107	Studies on antigenic variability of C strains of footâ€andâ€mouth disease virus by means of synthetic peptides and monoclonal antibodies. International Journal of Peptide and Protein Research, 1992, 39, 41-47.	0.1	42
108	Interspecies Major Histocompatibility Complex-Restricted Th Cell Epitope on Foot-and-Mouth Disease Virus Capsid Protein VP4. Journal of Virology, 2000, 74, 4902-4907.	3.4	41

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109	The â€œCPC Clip Motifâ€• A Conserved Structural Signature for Heparin-Binding Proteins. PLoS ONE, 2012, 7, e42692.	2.5	41
110	Nucleic acid delivery by cell penetrating peptides derived from dengue virus capsid protein: design and mechanism of action. FEBS Journal, 2014, 281, 191-215.	4.7	40
111	Ablation of frequent PVC in patients meeting criteria for primary prevention ICD implant: Safety of withholding the implant. Heart Rhythm, 2015, 12, 2434-2442.	0.7	40
112	VT Recurrence After Ablation: Incomplete Ablation or Disease Progression? A Multicentric European Study. Journal of Cardiovascular Electrophysiology, 2016, 27, 80-87.	1.7	40
113	A Simple Approach to Well-Defined Sugar-Coated Surfaces for Interaction Studies. ChemBioChem, 2005, 6, 1831-1838.	2.6	39
114	Lack of oestrogen protection in amyloid-mediated endothelial damage due to protein nitrotyrosination. Brain, 2005, 128, 1613-1621.	7.6	39
115	Cytological Profile of Antibacterial FtsZ Inhibitors and Synthetic Peptide MciZ. Frontiers in Microbiology, 2016, 7, 1558.	3.5	39
116	Membrane-transferring Sequences of the HIV-1 Gp41 Ectodomain Assemble into an Immunogenic Complex. Journal of Molecular Biology, 2006, 360, 45-55.	4.2	38
117	Sequence Inversion and Phenylalanine Surrogates at the Î²-Turn Enhance the Antibiotic Activity of Gramicidin S. Journal of Medicinal Chemistry, 2010, 53, 4119-4129.	6.4	38
118	Left Atrial Geometry Improves Risk Prediction of Thromboembolic Events in Patients With Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2016, 27, 804-810.	1.7	38
119	Elucidation of hidden slow conduction by double ventricular extrastimuli: a method for further arrhythmic substrate identification in ventricular tachycardia ablation procedures. Europace, 2018, 20, 337-346.	1.7	38
120	Antigenic Specificity of Porcine T Cell Response against Foot-and-Mouth Disease Virus Structural Proteins: Identification of T Helper Epitopes in VP1. Virology, 1994, 205, 24-33.	2.4	37
121	Molecular evolution of aphthoviruses. Virus Genes, 1995, 11, 197-207.	1.6	37
122	Antibodies Raised in a Natural Host and Monoclonal Antibodies Recognize Similar Antigenic Features of Foot-and-Mouth Disease Virus. Virology, 1995, 210, 120-127.	2.4	37
123	A multiply substituted Gâ€“H loop from foot-and-mouth disease virus in complex with a neutralizing antibody: a role for water molecules. Journal of General Virology, 2000, 81, 1495-1505.	2.9	37
124	Identification of leucomyosuppressin in the German cockroach, Blattella germanica, as an inhibitor of food intake. Regulatory Peptides, 2004, 119, 105-112.	1.9	37
125	Benefit of Left Atrial Roof Linear Ablation in Paroxysmal Atrial Fibrillation: A Prospective, Randomized Study. Journal of the American Heart Association, 2014, 3, e000877.	3.7	37
126	Safety, long-term outcomes and predictors of recurrence after first-line combined endoepicardial ventricular tachycardia substrate ablation in arrhythmogenic cardiomyopathy. Impact of arrhythmic substrate distribution pattern. A prospective multicentre study. Europace, 2016, 19, euw212.	1.7	37

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127	New Potent Membrane-Targeting Antibacterial Peptides from Viral Capsid Proteins. Frontiers in Microbiology, 2017, 8, 775.	3.5	37
128	Polyethyleneglycol-Based Resins as Solid Supports for the Synthesis of Difficult or Long Peptides. International Journal of Peptide Research and Therapeutics, 2007, 13, 265-270.	1.9	36
129	Intracellular Nucleic Acid Delivery by the Supercharged Dengue Virus Capsid Protein. PLoS ONE, 2013, 8, e81450.	2.5	36
130	Non-additive effects of multiple amino acid substitutions on antigen-antibody recognition. European Journal of Immunology, 1992, 22, 1385-1389.	2.9	35
131	Phantom somatosensory evoked potentials following selective intraneural electrical stimulation in two amputees. Clinical Neurophysiology, 2018, 129, 1117-1120.	1.5	35
132	Antibody and host cell recognition of foot-and-mouth disease virus (serotype C) cleaved at the Arg-Gly-Asp (RGD) motif: a structural interpretation. Journal of General Virology, 1996, 77, 257-264.	2.9	34
133	Helicity of Î±(404â€“451) and Î²(394â€“445) tubulin Câ€terminal recombinant peptides. Protein Science, 1999, 8, 788-799.	7.6	34
134	Synthesis of multiple antigenic peptides (MAPs)â€”strategies and limitations. Journal of Peptide Science, 2011, 17, 247-251.	1.4	34
135	Molecular characterization of the interaction of crotamine-derived nucleolar targeting peptides with lipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2707-2717.	2.6	34
136	Lytic cell death induced by melittin bypasses pyroptosis but induces NLRP3 inflammasome activation and IL-1Î² release. Cell Death and Disease, 2017, 8, e2984-e2984.	6.3	34
137	Solid-phase approaches to regiospecific double disulfide formation. Application to a fragment of bovine pituitary peptide. Tetrahedron, 1990, 46, 8255-8266.	1.9	33
138	Effect of Hybrid Peptides of Cecropin A and Melittin in an Experimental Model of Bacterial Keratitis. Cornea, 1997, 16, 101???106.	1.7	33
139	Mammalian protein glycosylation â€“ structure versus function. Analyst, The, 2014, 139, 2944-2967.	3.5	33
140	iFrag: A Proteinâ€“Protein Interface Prediction Server Based on Sequence Fragments. Journal of Molecular Biology, 2017, 429, 382-389.	4.2	33
141	Macrophage triggering with cecropin A and melittin-derived peptides induces type II nitric oxide synthase expression. Journal of Immunology, 1997, 158, 4437-43.	0.8	33
142	Use of substituted and tandem-repeated peptides to probe the relevance of the highly conserved RGD tripeptide in the immune response against foot-and-mouth disease virus. FEBS Letters, 1993, 330, 253-259.	2.8	32
143	Structural Dissection of a Highly Knotted Peptide Reveals Minimal Motif with Antimicrobial Activity. Journal of Biological Chemistry, 2005, 280, 1661-1668.	3.4	32
144	A QRS axisâ€“based algorithm to identify the origin of scar-related ventricular tachycardia in the 17-segment American Heart Association model. Heart Rhythm, 2018, 15, 1491-1497.	0.7	32

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145	Hitchhiking with Nature: Snake Venom Peptides to Fight Cancer and Superbugs. Toxins, 2020, 12, 255.	3.4	32
146	Human CD5 signaling and constitutive phosphorylation of C-terminal serine residues by casein kinase II. Journal of Immunology, 1998, 161, 6022-9.	0.8	32
147	Identification of an anti-mycobacterial domain in NK-lysin and granulysin. Biochemical Journal, 1999, 344, 845.	3.7	31
148	Synthetic Approaches to Multivalent Lipopeptide Dendrimers Containing Cyclic Disulfide Epitopes of Foot-and-Mouth Disease Virus. Bioconjugate Chemistry, 2003, 14, 144-152.	3.6	31
149	Refining the Eosinophil Cationic Protein Antibacterial Pharmacophore by Rational Structure Minimization. Journal of Medicinal Chemistry, 2011, 54, 5237-5244.	6.4	31
150	Bcl-xL-Mediated Changes in Metabolic Pathways of Breast Cancer Cells. American Journal of Pathology, 2005, 167, 1125-1137.	3.8	30
151	Lysine N^{Îµ}-Trimethylation, a Tool for Improving the Selectivity of Antimicrobial Peptides. Journal of Medicinal Chemistry, 2010, 53, 5587-5596.	6.4	30
152	Peptide vaccine candidates against classical swine fever virus: T cell and neutralizing antibody responses of dendrimers displaying E2 and NS2â€“3 epitopes. Journal of Peptide Science, 2011, 17, 24-31.	1.4	30
153	The C-Terminus of H-Ras as a Target for the Covalent Binding of Reactive Compounds Modulating Ras-Dependent Pathways. PLoS ONE, 2011, 6, e15866.	2.5	30
154	Native-like cyclic peptide models of a viral antigenic site: finding a balance between rigidity and flexibility. , 2000, 13, 5-13.		29
155	New Insights into the tPA-Annexin A2 Interaction. Journal of Biological Chemistry, 2003, 278, 5702-5709.	3.4	29
156	Circumferential pulmonary vein ablation: Does use of a circular mapping catheter improve results? A prospective randomized study. Heart Rhythm, 2010, 7, 612-618.	0.7	29
157	Contact force threshold for permanent lesion formation in atrial fibrillation ablation: A cardiac magnetic resonanceâ€“based study to detect ablation gaps. Heart Rhythm, 2016, 13, 37-45.	0.7	29
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