

and Artur Schmidtchen

List of Publications by Year in descending order

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139
papers

7,719
citations

43973

48
h-index

58464

82
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146
all docs

146
docs citations

146
times ranked

9118
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Model of Pulmonary Inflammation Induced by SARS-CoV-2 Spike Protein and Endotoxin. ACS Pharmacology and Translational Science, 2022, 5, 141-148.	2.5	11
2	Rapid in vitro and in vivo Evaluation of Antimicrobial Formulations Using Bioluminescent Pathogenic Bacteria. Bio-protocol, 2022, 12, e4302.	0.2	0
3	Differential Internalization of Thrombin-Derived Host Defense Peptides into Monocytes and Macrophages. Journal of Innate Immunity, 2022, 14, 418-432.	1.8	1
4	SARS-CoV-2 spike protein binds to bacterial lipopolysaccharide and boosts proinflammatory activity. Journal of Molecular Cell Biology, 2021, 12, 916-932.	1.5	121
5	The role of full-length apoE in clearance of Gram-negative bacteria and their endotoxins. Journal of Lipid Research, 2021, 62, 100086.	2.0	15
6	Cell-Free DNA Promotes Thrombin Autolysis and Generation of Thrombin-Derived C-Terminal Fragments. Frontiers in Immunology, 2021, 12, 593020.	2.2	7
7	Probing Skin Barrier Recovery on Molecular Level Following Acute Wounds: An In Vivo/Ex Vivo Study on Pigs. Biomedicines, 2021, 9, 360.	1.4	5
8	Development of an Experimental Ex Vivo Wound Model to Evaluate Antimicrobial Efficacy of Topical Formulations. International Journal of Molecular Sciences, 2021, 22, 5045.	1.8	23
9	Method development and characterisation of the low-molecular-weight peptidome of human wound fluids. ELife, 2021, 10, .	2.8	6
10	Peptide-coated polyurethane material reduces wound infection and inflammation. Acta Biomaterialia, 2021, 128, 314-331.	4.1	27
11	Thrombin-Derived C-Terminal Peptide Reduces <i>Candida</i> -Induced Inflammation and Infection <i>In Vitro</i> and <i>In Vivo</i> . Antimicrobial Agents and Chemotherapy, 2021, 65, e0103221.	1.4	3
12	A C-terminal peptide of TFPI-1 facilitates cytosolic delivery of nucleic acid cargo into mammalian cells. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183093.	1.4	6
13	A dual-action peptide-containing hydrogel targets wound infection and inflammation. Science Translational Medicine, 2020, 12, .	5.8	105
14	Concentration- and pH-Dependent Oligomerization of the Thrombin-Derived C-Terminal Peptide TCP-25. Biomolecules, 2020, 10, 1572.	1.8	9
15	Thrombin-derived C-terminal fragments aggregate and scavenge bacteria and their proinflammatory products. Journal of Biological Chemistry, 2020, 295, 3417-3430.	1.6	24
16	Bioinformatic Analysis of the Wound Peptidome Reveals Potential Biomarkers and Antimicrobial Peptides. Frontiers in Immunology, 2020, 11, 620707.	2.2	11
17	Real-time in vivo Imaging of LPS-induced Local Inflammation and Drug Deposition in NF- κ B Reporter Mice. Bio-protocol, 2020, 10, e3724.	0.2	3
18	Degradable dendritic nanogels as carriers for antimicrobial peptides. Journal of Colloid and Interface Science, 2019, 554, 592-602.	5.0	21

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19	Multiscale modeling of innate immune receptors: Endotoxin recognition and regulation by host defense peptides. <i>Pharmacological Research</i> , 2019, 147, 104372.	3.1	15
20	Inflammation Biomarkers and Correlation to Wound Status After Full-Thickness Skin Grafting. <i>Frontiers in Medicine</i> , 2019, 6, 159.	1.2	14
21	Surgical site infections after full-thickness skin grafting. <i>British Journal of Dermatology</i> , 2019, 180, e161.	1.4	0
22	Carbonic anhydrases in human keratinocytes and their regulation by all-trans retinoic acid and 1,25-dihydroxyvitamin D ₃ . <i>Experimental Dermatology</i> , 2019, 28, 976-980.	1.4	2
23	Interaction of Laponite with Membrane Components—Consequences for Bacterial Aggregation and Infection Confinement. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15389-15400.	4.0	24
24	Variability in the diagnosis of surgical site infections after full-thickness skin grafting: an international survey. <i>British Journal of Dermatology</i> , 2019, 180, 1169-1175.	1.4	3
25	Prevalence of chronic wounds in the general population: systematic review and meta-analysis of observational studies. <i>Annals of Epidemiology</i> , 2019, 29, 8-15.	0.9	328
26	The humanistic and economic burden of chronic wounds: A systematic review. <i>Wound Repair and Regeneration</i> , 2019, 27, 114-125.	1.5	409
27	Studies on the Proteome of Human Hair - Identification of Histones and Deamidated Keratins. <i>Scientific Reports</i> , 2018, 8, 1599.	1.6	52
28	Membrane interactions of microgels as carriers of antimicrobial peptides. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 141-150.	5.0	57
29	A novel derivative of the fungal antimicrobial peptide plectasin is active against <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2018, 113, 231-238.	0.8	31
30	Bacteria Display Differential Growth and Adhesion Characteristics on Human Hair Shafts. <i>Frontiers in Microbiology</i> , 2018, 9, 2145.	1.5	16
31	TFPI-2 Protects Against Gram-Negative Bacterial Infection. <i>Frontiers in Immunology</i> , 2018, 9, 2072.	2.2	3
32	Changes in Editorial Board of <i>Acta Dermato-Venereologica</i> . <i>Acta Dermato-Venereologica</i> , 2018, 98, 828.	0.6	0
33	Toll-like Receptor 3 Agonist, Polyinosinic-polycytidylic Acid, Upregulates Carbonic Anhydrase II in Human Keratinocytes. <i>Acta Dermato-Venereologica</i> , 2018, 98, 762-765.	0.6	9
34	Change of Editors and other News from <i>ActaDV</i> . <i>Acta Dermato-Venereologica</i> , 2018, 98, 3-4.	0.6	0
35	A Thermodynamic Funnel Drives Bacterial Lipopolysaccharide Transfer in the TLR4 Pathway. <i>Structure</i> , 2018, 26, 1151-1161.e4.	1.6	32
36	Thrombin and Plasmin Alter the Proteome of Neutrophil Extracellular Traps. <i>Frontiers in Immunology</i> , 2018, 9, 1554.	2.2	55

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37	Need for Improved Definition of "Chronic Wounds" in Clinical Studies. <i>Acta Dermato-Venereologica</i> , 2018, 98, 157-158.	0.6	64
38	Identification of Antibacterial Components in Human Hair Shafts. <i>Acta Dermato-Venereologica</i> , 2018, 98, 708-710.	0.6	6
39	Peptide-Loaded Microgels as Antimicrobial and Anti-Inflammatory Surface Coatings. <i>Biomacromolecules</i> , 2018, 19, 3456-3466.	2.6	35
40	Structural basis for endotoxin neutralisation and anti-inflammatory activity of thrombin-derived C-terminal peptides. <i>Nature Communications</i> , 2018, 9, 2762.	5.8	43
41	Influence of pH on the activity of thrombin-derived antimicrobial peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2374-2384.	1.4	25
42	Collagen VI Contains Multiple Host Defense Peptides with Potent In Vivo Activity. <i>Journal of Immunology</i> , 2018, 201, 1007-1020.	0.4	22
43	Tryptophan end-tagging for promoted lipopolysaccharide interactions and anti-inflammatory effects. <i>Scientific Reports</i> , 2017, 7, 212.	1.6	13
44	Aggregation of thrombin-derived C-terminal fragments as a previously undisclosed host defense mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4213-E4222.	3.3	49
45	Conformational Aspects of High Content Packing of Antimicrobial Peptides in Polymer Microgels. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40094-40106.	4.0	17
46	Proteolytic signatures define unique thrombin-derived peptides present in human wound fluid in vivo. <i>Scientific Reports</i> , 2017, 7, 13136.	1.6	18
47	Thrombin-derived host defence peptide modulates neutrophil rolling and migration in vitro and functional response in vivo. <i>Scientific Reports</i> , 2017, 7, 11201.	1.6	7
48	Identification of bacterial biofilm and the <i>Staphylococcus aureus</i> derived protease, staphopain, on the skin surface of patients with atopic dermatitis. <i>Scientific Reports</i> , 2017, 7, 8689.	1.6	70
49	Membrane interactions and antimicrobial effects of layered double hydroxide nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23832-23842.	1.3	26
50	The humanistic and economic burden of chronic wounds: a protocol for a systematic review. <i>Systematic Reviews</i> , 2017, 6, 15.	2.5	323
51	Saliva induces expression of antimicrobial peptides and promotes intracellular killing of bacteria in keratinocytes by epidermal growth factor receptor transactivation. <i>British Journal of Dermatology</i> , 2017, 176, 403-412.	1.4	16
52	Thrombin-Derived Host-Defense Peptides Modulate Monocyte/Macrophage Inflammatory Responses to Gram-Negative Bacteria. <i>Frontiers in Immunology</i> , 2017, 8, 843.	2.2	13
53	A New Look for ActaDV with More Rapid Publication. <i>Acta Dermato-Venereologica</i> , 2017, 97, 3.	0.6	0
54	Mycosis Fungoides: A Retrospective Study of 44 Swedish Cases. <i>Acta Dermato-Venereologica</i> , 2016, 96, 669-673.	0.6	22

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55	Pronounced peptide selectivity for melanoma through tryptophan end-tagging. <i>Scientific Reports</i> , 2016, 6, 24952.	1.6	22
56	<i>Pseudomonas aeruginosa</i> elastase cleaves a C-terminal peptide from human thrombin that inhibits host inflammatory responses. <i>Nature Communications</i> , 2016, 7, 11567.	5.8	59
57	Prevalence and incidence of chronic wounds and related complications: a protocol for a systematic review. <i>Systematic Reviews</i> , 2016, 5, 152.	2.5	257
58	Membrane interactions of mesoporous silica nanoparticles as carriers of antimicrobial peptides. <i>Journal of Colloid and Interface Science</i> , 2016, 475, 161-170.	5.0	142
59	Can dressings soaked with polyhexanide reduce bacterial loads in full-thickness skin grafting? A randomized controlled trial. <i>Journal of the American Academy of Dermatology</i> , 2016, 75, 1221-1228.e4.	0.6	15
60	Role of Aromatic Amino Acids in Lipopolysaccharide and Membrane Interactions of Antimicrobial Peptides for Use in Plant Disease Control. <i>Journal of Biological Chemistry</i> , 2016, 291, 13301-13317.	1.6	46
61	NLF20: an antimicrobial peptide with therapeutic potential against invasive <i>Pseudomonas aeruginosa</i> infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 170-180.	1.3	15
62	Eotaxin-3 (CCL26) exerts innate host defense activities that are modulated by mast cell proteases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 161-170.	2.7	25
63	Different Procoagulant Activity of Therapeutic Mesenchymal Stromal Cells Derived from Bone Marrow and Placental Decidua. <i>Stem Cells and Development</i> , 2015, 24, 2269-2279.	1.1	104
64	Surgical Site Infections in Dermatologic Surgery. <i>Dermatologic Surgery</i> , 2015, 41, 537-549.	0.4	39
65	Idiopathic Angioedema and Urticarial Vasculitis in a Patient with a History of Acquired Haemophilia. <i>Acta Dermato-Venereologica</i> , 2015, 95, 227-228.	0.6	2
66	Anti-endotoxic and antibacterial effects of a dermal substitute coated with host defense peptides. <i>Biomaterials</i> , 2015, 53, 415-425.	5.7	18
67	The Thrombin-Derived Host Defense Peptide GKY25 Inhibits Endotoxin-Induced Responses through Interactions with Lipopolysaccharide and Macrophages/Monocytes. <i>Journal of Immunology</i> , 2015, 194, 5397-5406.	0.4	44
68	(Lipo)polysaccharide interactions of antimicrobial peptides. <i>Journal of Colloid and Interface Science</i> , 2015, 449, 136-142.	5.0	18
69	A major population of mucosal memory CD4+ T cells, coexpressing IL-18R α and DR3, display innate lymphocyte functionality. <i>Mucosal Immunology</i> , 2015, 8, 545-558.	2.7	38
70	A Peptide of Heparin Cofactor II Inhibits Endotoxin-Mediated Shock and Invasive <i>Pseudomonas aeruginosa</i> Infection. <i>PLoS ONE</i> , 2014, 9, e102577.	1.1	28
71	Antimicrobial Effects of Helix D-derived Peptides of Human Antithrombin III. <i>Journal of Biological Chemistry</i> , 2014, 289, 29790-29800.	1.6	19
72	Effect of hydrophobic modifications in antimicrobial peptides. <i>Advances in Colloid and Interface Science</i> , 2014, 205, 265-274.	7.0	127

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73	The Epidermal Growth Factor Receptor Is a Regulator of Epidermal Complement Component Expression and Complement Activation. <i>Journal of Immunology</i> , 2014, 192, 3355-3364.	0.4	19
74	An antimicrobial helix A-derived peptide of heparin cofactor II blocks endotoxin responses in vivo. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1225-1234.	1.4	9
75	Skin barrier impairment correlates with cutaneous <i>Staphylococcus aureus</i> colonization and sensitization to skin-associated microbial antigens in adult patients with atopic dermatitis. <i>International Journal of Dermatology</i> , 2014, 53, 27-33.	0.5	71
76	Human thrombin-derived host defense peptides inhibit neutrophil recruitment and tissue injury in severe acute pancreatitis. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G914-G921.	1.6	15
77	Effects of linear amphiphilicity on membrane interactions of C-terminal thrombin peptides. <i>RSC Advances</i> , 2014, 4, 37582-37591.	1.7	9
78	Effects of PEGylation on Membrane and Lipopolysaccharide Interactions of Host Defense Peptides. <i>Biomacromolecules</i> , 2014, 15, 1337-1345.	2.6	56
79	Peptide interactions with bacterial lipopolysaccharides. <i>Current Opinion in Colloid and Interface Science</i> , 2013, 18, 381-392.	3.4	42
80	p33 (gC1q Receptor) Prevents Cell Damage by Blocking the Cytolytic Activity of Antimicrobial Peptides. <i>Journal of Immunology</i> , 2013, 191, 5714-5721.	0.4	17
81	Importance of lipopolysaccharide aggregate disruption for the anti-endotoxic effects of heparin cofactor II peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 2709-2719.	1.4	31
82	Lipopolysaccharide Interactions of C-Terminal Peptides from Human Thrombin. <i>Biomacromolecules</i> , 2013, 14, 1482-1492.	2.6	34
83	Antimicrobial activity of fibrinogen and fibrinogen-derived peptides – a novel link between coagulation and innate immunity. <i>Thrombosis and Haemostasis</i> , 2013, 109, 930-939.	1.8	60
84	The TFPI-2 Derived Peptide EDC34 Improves Outcome of Gram-Negative Sepsis. <i>PLoS Pathogens</i> , 2013, 9, e1003803.	2.1	36
85	Sensitization to Skin-associated Microorganisms in Adult Patients with Atopic Dermatitis is of Importance for Disease Severity. <i>Acta Dermato-Venereologica</i> , 2013, 93, 340-345.	0.6	44
86	Proteolytic Activation Transforms Heparin Cofactor II into a Host Defense Molecule. <i>Journal of Immunology</i> , 2013, 190, 6303-6310.	0.4	33
87	Chemerin Is an Antimicrobial Agent in Human Epidermis. <i>PLoS ONE</i> , 2013, 8, e58709.	1.1	64
88	Membrane and lipopolysaccharide interactions of C-terminal peptides from S1 peptidases. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2244-2251.	1.4	37
89	Host Defense Peptides of Thrombin Modulate Inflammation and Coagulation in Endotoxin-Mediated Shock and <i>Pseudomonas aeruginosa</i> Sepsis. <i>PLoS ONE</i> , 2012, 7, e51313.	1.1	52
90	Pathological Conditions Involving Extracellular Hemoglobin: Molecular Mechanisms, Clinical Significance, and Novel Therapeutic Opportunities for α -Microglobulin. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 813-846.	2.5	87

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91	The Multiple Faces of Host Defence Peptides and Proteins. <i>Journal of Innate Immunity</i> , 2012, 4, 325-326.	1.8	4
92	Antimicrobial activity of peptides derived from human α 2-macroglobulin precursor protein. <i>Journal of Peptide Science</i> , 2012, 18, 183-191.	0.8	17
93	Antimicrobial peptides: key components of the innate immune system. <i>Critical Reviews in Biotechnology</i> , 2012, 32, 143-171.	5.1	576
94	Tissue Factor Pathway Inhibitor 2 Is Found in Skin and Its C-Terminal Region Encodes for Antibacterial Activity. <i>PLoS ONE</i> , 2012, 7, e52772.	1.1	23
95	Effects of Peptide Secondary Structure on the Interaction with Oppositely Charged Microgels. <i>Biomacromolecules</i> , 2011, 12, 419-424.	2.6	29
96	Effects of peptide hydrophobicity on its incorporation in phospholipid membranes – an NMR and ellipsometry study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 244-252.	1.4	19
97	Membrane selectivity by W-tagging of antimicrobial peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 1081-1091.	1.4	71
98	Highly Selective End-Tagged Antimicrobial Peptides Derived from PRELP. <i>PLoS ONE</i> , 2011, 6, e16400.	1.1	68
99	Up-Regulation of ALM/1-Microglobulin in Skin by Heme and Reactive Oxygen Species Gives Protection from Oxidative Damage. <i>PLoS ONE</i> , 2011, 6, e27505.	1.1	50
100	A Descriptive Study of Bacterial Load of Full-Thickness Surgical Wounds in Dermatologic Surgery. <i>Dermatologic Surgery</i> , 2011, 37, 1014-1022.	0.4	30
101	Thymic stromal lymphopoietin exerts antimicrobial activities. <i>Experimental Dermatology</i> , 2011, 20, 1004-1010.	1.4	30
102	Antibacterial Activity of the Contact and Complement Systems Is Blocked by SIC, a Protein Secreted by <i>Streptococcus pyogenes</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 1331-1340.	1.6	21
103	The C-Terminal Sequence of Several Human Serine Proteases Encodes Host Defense Functions. <i>Journal of Innate Immunity</i> , 2011, 3, 471-482.	1.8	38
104	Structure-Activity Studies and Therapeutic Potential of Host Defense Peptides of Human Thrombin. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2880-2890.	1.4	63
105	Antifungal Activities of Peptides Derived from Domain 5 of High-Molecular-Weight Kininogen. <i>International Journal of Peptides</i> , 2011, 2011, 1-11.	0.7	14
106	Interaction between amphiphilic peptides and phospholipid membranes. <i>Current Opinion in Colloid and Interface Science</i> , 2010, 15, 467-478.	3.4	134
107	Effects of single amino acid substitutions on peptide interaction with lipid membranes and bacteria – variants of GKE21, an internal sequence from human LL-37. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 354, 65-71.	2.3	9
108	C-terminal Peptides of Tissue Factor Pathway Inhibitor Are Novel Host Defense Molecules. <i>Journal of Biological Chemistry</i> , 2010, 285, 28387-28398.	1.6	56

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109	Proteolysis of Human Thrombin Generates Novel Host Defense Peptides. <i>PLoS Pathogens</i> , 2010, 6, e1000857.	2.1	131
110	Evaluation of Strategies for Improving Proteolytic Resistance of Antimicrobial Peptides by Using Variants of EFK17, an Internal Segment of LL-37. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 593-602.	1.4	171
111	Boosting Antimicrobial Peptides by Hydrophobic Oligopeptide End Tags. <i>Journal of Biological Chemistry</i> , 2009, 284, 17584-17594.	1.6	122
112	Incorporation of antimicrobial compounds in mesoporous silica film monolith. <i>Biomaterials</i> , 2009, 30, 5729-5736.	5.7	112
113	Tryptophan end-tagging of antimicrobial peptides for increased potency against <i>Pseudomonas aeruginosa</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 800-808.	1.1	46
114	Oligotryptophan-tagged antimicrobial peptides and the role of the cationic sequence. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1916-1923.	1.4	40
115	SufA " a bacterial enzyme that cleaves fibrinogen and blocks fibrin network formation. <i>Microbiology (United Kingdom)</i> , 2009, 155, 238-248.	0.7	15
116	End-Tagging of Ultra-Short Antimicrobial Peptides by W/F Stretches to Facilitate Bacterial Killing. <i>PLoS ONE</i> , 2009, 4, e5285.	1.1	86
117	Antimicrobial Activity of Human Prion Protein Is Mediated by Its N-Terminal Region. <i>PLoS ONE</i> , 2009, 4, e7358.	1.1	73
118	EGF receptor: role for innate immunity during wound healing in human skin. <i>Expert Review of Dermatology</i> , 2008, 3, 587-593.	0.3	1
119	An Electrochemical Study into the Interaction between Complement-Derived Peptides and DOPC Mono- and Bilayers. <i>Langmuir</i> , 2008, 24, 208-216.	1.6	60
120	Rational Design of Antimicrobial C3a Analogues with Enhanced Effects against Staphylococci Using an Integrated Structure and Function-Based Approach. <i>Biochemistry</i> , 2008, 47, 9057-9070.	1.2	64
121	Histidine-Rich Glycoprotein Protects from Systemic Candida Infection. <i>PLoS Pathogens</i> , 2008, 4, e1000116.	2.1	63
122	Preservation of Antimicrobial Properties of Complement Peptide C3a, from Invertebrates to Humans. <i>Journal of Biological Chemistry</i> , 2007, 282, 2520-2528.	1.6	67
123	Antimicrobial peptides derived from growth factors. <i>Growth Factors</i> , 2007, 25, 60-70.	0.5	71
124	SufA " a novel subtilisin-like serine proteinase of <i>Finigoldia magna</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 4208-4218.	0.7	41
125	Antifungal activity of C3a and C3a-derived peptides against <i>Candida</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 346-353.	1.4	47
126	Effects of topology, length, and charge on the activity of a kininogen-derived peptide on lipid membranes and bacteria. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 715-727.	1.4	53

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127	Antimicrobial activity of histidine-rich peptides is dependent on acidic conditions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2667-2680.	1.4	129
128	Composition Effect on Peptide Interaction with Lipids and Bacteria: Variants of C3a Peptide CNY21. <i>Biophysical Journal</i> , 2007, 92, 87-98.	0.2	47
129	Effect of Peptide Length on the Interaction between Consensus Peptides and DOPC/DOPA Bilayers. <i>Langmuir</i> , 2006, 22, 5042-5050.	1.6	92
130	Bacterial killing by heparin-binding peptides from PRELP and thrombospondin. <i>Matrix Biology</i> , 2006, 25, 294-300.	1.5	63
131	In Silico Identification and Biological Evaluation of Antimicrobial Peptides Based on Human Cathelicidin LL-37. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2983-2989.	1.4	82
132	Domain 5 of High Molecular Weight Kininogen Is Antibacterial. <i>Journal of Biological Chemistry</i> , 2005, 280, 34832-34839.	1.6	94
133	Heparin binding protein is increased in chronic leg ulcer fluid and released from granulocytes by secreted products of <i>Pseudomonas aeruginosa</i> . <i>Thrombosis and Haemostasis</i> , 2004, 92, 281-287.	1.8	30
134	Activation of the complement system generates antibacterial peptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16879-16884.	3.3	202
135	<i>Pseudomonas aeruginosa</i> -induced infection and degradation of human wound fluid and skin proteins ex vivo are eradicated by a synthetic cationic polymer. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 772-779.	1.3	36
136	Antimicrobial activities of heparin-binding peptides. <i>FEBS Journal</i> , 2004, 271, 1219-1226.	0.2	167
137	Elastase-producing <i>Pseudomonas aeruginosa</i> degrade plasma proteins and extracellular products of human skin and fibroblasts, and inhibit fibroblast growth. <i>Microbial Pathogenesis</i> , 2003, 34, 47-55.	1.3	100
138	Differential Proteinase Expression by <i>Pseudomonas aeruginosa</i> Derived from Chronic Leg Ulcers. <i>Acta Dermato-Venereologica</i> , 2001, 81, 406-409.	0.6	46
139	Dermatan sulphate is released by proteinases of common pathogenic bacteria and inactivates antibacterial alpha-defensin. <i>Molecular Microbiology</i> , 2001, 39, 708-713.	1.2	138