Karin Thevissen

List of Publications by Year
in descending order

148 papers	12,717 citations	31976 53 h-index	24982 109 g-index
155 all docs	155 docs citations	155 times ranked	17998 citing authors

#	Article	IF	Citations
1	Development of mesoporous bioactive glassâ€containing macroporous titanium for controlled release of antimicrobial drugs. Journal of the American Ceramic Society, 2022, 105, 1882-1895.	3.8	2
2	Integrated Microwell Array Technologies for Single Cell Analysis. , 2022, , 311-341.		0
3	Multiplex Analysis to Unravel the Mode of Antifungal Activity of the Plant Defensin HsAFP1 in Single Yeast Cells. International Journal of Molecular Sciences, 2022, 23, 1515.	4.1	1
4	Tuning the Surface Interactions between Single Cells and an OSTE+ Microwell Array for Enhanced Single Cell Manipulation. ACS Applied Materials & Interfaces, 2021, 13, 2316-2326.	8.0	15
5	Membrane-Interacting Antifungal Peptides. Frontiers in Cell and Developmental Biology, 2021, 9, 649875.	3.7	50
6	Posaconazole for prevention of invasive pulmonary aspergillosis in critically ill influenza patients (POSA-FLU): a randomised, open-label, proof-of-concept trial. Intensive Care Medicine, 2021, 47, 674-686.	8.2	49
7	The Ketogenic Diet Revisited: Beyond Ketones. Frontiers in Neurology, 2021, 12, 720073.	2.4	10
8	Monocyte-driven atypical cytokine storm and aberrant neutrophil activation as key mediators of COVID-19 disease severity. Nature Communications, 2021, 12, 4117.	12.8	170
9	Repurposing the Antidepressant Sertraline as SHMT Inhibitor to Suppress Serine/Glycine Synthesisâ€“Addicted Breast Tumor Growth. Molecular Cancer Therapeutics, 2021, 20, 50-63.	4.1	31
10	Implant functionalization with mesoporous silica: A promising antibacterial strategy, but does such an implant osseointegrate?. Clinical and Experimental Dental Research, 2021, 7, 502-511.	1.9	9
11	Combination Therapy to Treat Fungal Biofilm-Based Infections. International Journal of Molecular Sciences, 2020, 21, 8873.	4.1	30
12	Increased ILâ€10â€producing regulatory T cells are characteristic of severe cases of COVIDâ€19. Clinical and Translational Immunology, 2020, 9, e1204.	3.8	59
13	Combination of Miconazole and Domiphen Bromide Is Fungicidal against Biofilms of Resistant <i>Candida</i> spp. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	13
14	Establishing a Unified COVID-19 â€œImmunomeâ€: Integrating Coronavirus Pathogenesis and Host Immunopathology. Frontiers in Immunology, 2020, 11, 1642.	4.8	11
15	Combining Biocontrol Agents with Chemical Fungicides for Integrated Plant Fungal Disease Control. Microorganisms, 2020, 8, 1930.	3.6	164
16	International survey on influenza-associated pulmonary aspergillosis (IAPA) in intensive care units: responses suggest low awareness and potential underdiagnosis outside Europe. Critical Care, 2020, 24, 84.	5.8	27
17	The antifungal plant defensin HsAFP1 induces autophagy, vacuolar dysfunction and cell cycle impairment in yeast. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183255.	2.6	16
18	Fluorescence-free First Hyperpolarizability Values of Fluorescent Proteins and Channel Rhodopsins. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 400, 112658.	3.9	4

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19	Combining Miconazole and Domiphen Bromide Results in Excess of Reactive Oxygen Species and Killing of Biofilm Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 617214.	3.7	10
20	Integrated Microwell Array Technologies for Single Cell Analysis. , 2020, , 1-32.		1
21	Abstract 1789: Repurposing the anti-depressant sertraline to target serine/glycine synthesis addicted cancer. , 2020, , .		0
22	Substrate-Specificity of <i>Candida rugosa</i> Lipase and Its Industrial Application. ACS Sustainable Chemistry and Engineering, 2019, 7, 15828-15844.	6.7	57
23	An antibiofilm coating of 5â€arylâ€2â€aminoimidazole covalently attached to a titanium surface. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 1908-1919.	3.4	11
24	In vitro methods for the evaluation of antimicrobial surface designs. Acta Biomaterialia, 2018, 70, 12-24.	8.3	97
25	Polyastaxanthin-based coatings reduce bacterial colonization in vivo. Materialia, 2018, 3, 15-20.	2.7	5
26	Guidelines and recommendations on yeast cell death nomenclature. Microbial Cell, 2018, 5, 4-31.	3.2	158
27	Structure-activity relationship study of the antimicrobial CRAMP-derived peptide CRAMP20-33. Peptides, 2018, 109, 33-38.	2.4	6
28	Regulated Cell Death as a Therapeutic Target for Novel Antifungal Peptides and Biologics. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-20.	4.0	17
29	From Regulated Cell Death to Adaptive Stress Strategies: Convergence and Divergence in Eukaryotic Cells. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-2.	4.0	1
30	Methodologies for in vitro and in vivo evaluation of efficacy of antifungal and antibiofilm agents and surface coatings against fungal biofilms. Microbial Cell, 2018, 5, 300-326.	3.2	81
31	Yeast as a model for the identification of novel survival-promoting compounds applicable to treat degenerative diseases. Mechanisms of Ageing and Development, 2017, 161, 306-316.	4.6	10
32	<i>In vitro</i> activity of the antiasthmatic drug zafirlukast against the oral pathogens <i>Porphyromonas gingivalis</i> and <i>Streptococcus mutans</i>. FEMS Microbiology Letters, 2017, 364, fnx005.	1.8	15
33	Dietary intervention, but not losartan, completely reverses non-alcoholic steatohepatitis in obese and insulin resistant mice. Lipids in Health and Disease, 2017, 16, 46.	3.0	19
34	Alternating Current Electrophoretic Deposition for the Immobilization of Antimicrobial Agents on Titanium Implant Surfaces. ACS Applied Materials & Interfaces, 2017, 9, 8533-8546.	8.0	21
35	Antifungal plant defensins: increased insight in their mode of action as a basis for their use to combat fungal infections. Future Microbiology, 2017, 12, 441-454.	2.0	63
36	Repurposing Toremifene for Treatment of Oral Bacterial Infections. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	25

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37	Repurposing AM404 for the treatment of oral infections by <scp><i>Porphyromonas gingivalis</i></scp>. Clinical and Experimental Dental Research, 2017, 3, 69-76.	1.9	8
38	Identification of survival-promoting OSIP108 peptide variants and their internalization in human cells. Mechanisms of Ageing and Development, 2017, 161, 247-254.	4.6	0
39	Expanding the pharmacological profile of Îº-hefutoxin 1 and analogues: A focus on the inhibitory effect on the oncogenic channel Kv10.1. Peptides, 2017, 98, 43-50.	2.4	16
40	Controlled release of chlorhexidine from a mesoporous silica-containing macroporous titanium dental implant prevents microbial biofilm formation. , 2017, 33, 13-27.		24
41	Fungal Glucosylceramide-Specific Camelid Single Domain Antibodies Are Characterized by Broad Spectrum Antifungal Activity. Frontiers in Microbiology, 2017, 8, 1059.	3.5	13
42	A Linear 19-Mer Plant Defensin-Derived Peptide Acts Synergistically with Caspofungin against Candida albicans Biofilms. Frontiers in Microbiology, 2017, 8, 2051.	3.5	30
43	The Antifungal Plant Defensin HsAFP1 Is a Phosphatidic Acid-Interacting Peptide Inducing Membrane Permeabilization. Frontiers in Microbiology, 2017, 8, 2295.	3.5	36
44	Increasing the Fungicidal Action of Amphotericin B by Inhibiting the Nitric Oxide-Dependent Tolerance Pathway. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-17.	4.0	16
45	Elucidation of the Mode of Action of a New Antibacterial Compound Active against Staphylococcus aureus and Pseudomonas aeruginosa. PLoS ONE, 2016, 11, e0155139.	2.5	30
46	Antibacterial activity of a new broadâ€spectrum antibiotic covalently bound to titanium surfaces. Journal of Orthopaedic Research, 2016, 34, 2191-2198.	2.3	29
47	Non-disulfide-bridged peptides from Tityus serrulatus venom: Evidence for proline-free ACE-inhibitors. Peptides, 2016, 82, 44-51.	2.4	13
48	How promising are combinatorial drug strategies in combating Candida albicans biofilms?. Future Medicinal Chemistry, 2016, 8, 1383-1385.	2.3	5
49	Stimulation of superoxide production increases fungicidal action of miconazole against Candida albicans biofilms. Scientific Reports, 2016, 6, 27463.	3.3	25
50	Modulation of the Substitution Pattern of 5-Aryl-2-Aminoimidazoles Allows Fine-Tuning of Their Antibiofilm Activity Spectrum and Toxicity. Antimicrobial Agents and Chemotherapy, 2016, 60, 6483-6497.	3.2	18
51	The antifungal plant defensin AtPDF2.3 from Arabidopsis thaliana blocks potassium channels. Scientific Reports, 2016, 6, 32121.	3.3	31
52	The radish defensins RsAFP1 and RsAFP2 act synergistically with caspofungin against Candida albicans biofilms. Peptides, 2016, 75, 71-79.	2.4	59
53	Covalent immobilization of antimicrobial agents on titanium prevents<i>Staphylococcus aureus</i>and<i>Candida albicans</i>colonization and biofilm formation. Journal of Antimicrobial Chemotherapy, 2016, 71, 936-945.	3.0	68
54	Protocol for Determination of the Persister Subpopulation in Candida Albicans Biofilms. Methods in Molecular Biology, 2016, 1333, 67-72.	0.9	8

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55	Antimicrobial Peptides as a Strategy to Combat Fungal Biofilms. Current Topics in Medicinal Chemistry, 2016, 17, 604-612.	2.1	41
56	P0959 : Dietary intervention completely reverses non-alcoholic steatohepatitis in obese and insulin resistant mice. Journal of Hepatology, 2015, 62, S705.	3.7	0
57	Synergistic Activity of the Plant Defensin HsAFP1 and Caspofungin against Candida albicans Biofilms and Planktonic Cultures. PLoS ONE, 2015, 10, e0132701.	2.5	67
58	2-(2-Oxo-morpholin-3-yl)-acetamide Derivatives as Broad-Spectrum Antifungal Agents. Journal of Medicinal Chemistry, 2015, 58, 1502-1512.	6.4	17
59	Digital microfluidics for time-resolved cytotoxicity studies on single non-adherent yeast cells. Lab on A Chip, 2015, 15, 1852-1860.	6.0	41
60	Combinatorial drug approaches to tackle<i>Candida albicans</i>biofilms. Expert Review of Anti-Infective Therapy, 2015, 13, 973-984.	4.4	27
61	Novel anti-infective implant substrates: Controlled release of antibiofilm compounds from mesoporous silica-containing macroporous titanium. Colloids and Surfaces B: Biointerfaces, 2015, 126, 481-488.	5.0	25
62	Fungal Î²-1,3-Glucan Increases Ofloxacin Tolerance of Escherichia coli in a Polymicrobial E. coli/Candida albicans Biofilm. Antimicrobial Agents and Chemotherapy, 2015, 59, 3052-3058.	3.2	83
63	Artemisinins, New Miconazole Potentiators Resulting in Increased Activity against Candida albicans Biofilms. Antimicrobial Agents and Chemotherapy, 2015, 59, 421-426.	3.2	66
64	Roux-en-y gastric bypass attenuates hepatic mitochondrial dysfunction in mice with non-alcoholic steatohepatitis. Gut, 2015, 64, 673-683.	12.1	64
65	The Plant Decapeptide OSIP108 Can Alleviate Mitochondrial Dysfunction Induced by Cisplatin in Human Cells. Molecules, 2014, 19, 15088-15102.	3.8	4
66	Evaluation of the Toxicity of 5-Aryl-2-Aminoimidazole-Based Biofilm Inhibitors against Eukaryotic Cell Lines, Bone Cells and the Nematode Caenorhabditis elegans. Molecules, 2014, 19, 16707-16723.	3.8	9
67	Sphingolipids and mitochondrial function, lessons learned from yeast. Microbial Cell, 2014, 1, 210-224.	3.2	18
68	Structure-Activity Relationship Study of the Plant-Derived Decapeptide OSIP108 Inhibiting Candida albicans Biofilm Formation. Antimicrobial Agents and Chemotherapy, 2014, 58, 4974-4977.	3.2	4
69	The protein kinase Sch9 is a key regulator of sphingolipid metabolism in<i>Saccharomyces cerevisiae</i>. Molecular Biology of the Cell, 2014, 25, 196-211.	2.1	66
70	The plant decapeptide OSIP108 prevents copper-induced apoptosis in yeast and human cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 1207-1215.	4.1	22
71	Repurposing as a means to increase the activity of amphotericin B and caspofungin against Candida albicans biofilms. Journal of Antimicrobial Chemotherapy, 2014, 69, 1035-1044.	3.0	77
72	Oral Administration of the Broad-Spectrum Antibiofilm Compound Toremifene Inhibits Candida albicans and Staphylococcus aureus Biofilm Formation <i>In Vivo</i>. Antimicrobial Agents and Chemotherapy, 2014, 58, 7606-7610.	3.2	22

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73	The plant decapeptide OSIP108 prevents copper-induced toxicity in various models for Wilson disease. Toxicology and Applied Pharmacology, 2014, 280, 345-351.	2.8	14
74	Identification and characterization of an anti-pseudomonal dichlorocarbazol derivative displaying anti-biofilm activity. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5404-5408.	2.2	16
75	Reactive oxygen species-inducing antifungal agents and their activity against fungal biofilms. Future Medicinal Chemistry, 2014, 6, 77-90.	2.3	156
76	Sphingolipids and mitochondrial function in budding yeast. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 3131-3137.	2.4	17
77	Synergistic Activity of the Tyrocidines, Antimicrobial Cyclodecapeptides from Bacillus aneurinolyticus, with Amphotericin B and Caspofungin against Candida albicans Biofilms. Antimicrobial Agents and Chemotherapy, 2014, 58, 3697-3707.	3.2	48
78	Derivatives of the Mouse Cathelicidin-Related Antimicrobial Peptide (CRAMP) Inhibit Fungal and Bacterial Biofilm Formation. Antimicrobial Agents and Chemotherapy, 2014, 58, 5395-5404.	3.2	55
79	P245 ROUX-EN-Y GASTRIC BYPASS ATTENUATES HEPATIC MITOCHONDRIAL DYSFUNCTION IN MICE WITH NONALCOHOLIC STEATOHEPATITIS. Journal of Hepatology, 2014, 60, S147.	3.7	1
80	Plant-Derived Decapeptide OSIP108 Interferes with Candida albicans Biofilm Formation without Affecting Cell Viability. Antimicrobial Agents and Chemotherapy, 2014, 58, 2647-2656.	3.2	30
81	Antifungal Plant Defensins: Mechanisms of Action and Production. Molecules, 2014, 19, 12280-12303.	3.8	182
82	Angiotensin II type 1 receptor blockers increase tolerance of cells to copper and cisplatin. Microbial Cell, 2014, 1, 352-364.	3.2	2
83	Affinity Comparison of p3 and p8 Peptide Displaying Bacteriophages Using Surface Plasmon Resonance. Analytical Chemistry, 2013, 85, 10075-10082.	6.5	30
84	Modes of antifungal action and in planta functions of plant defensins and defensin-like peptides. Fungal Biology Reviews, 2013, 26, 109-120.	4.7	103
85	Mining the genome of Arabidopsis thaliana as a basis for the identification of novel bioactive peptides involved in oxidative stress tolerance. Journal of Experimental Botany, 2013, 64, 5297-5307.	4.8	52
86	Potentiation of Antibiofilm Activity of Amphotericin B by Superoxide Dismutase Inhibition. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-7.	4.0	19
87	Phytosphingosine-1-Phosphate Is a Signaling Molecule Involved in Miconazole Resistance in Sessile Candida albicans Cells. Antimicrobial Agents and Chemotherapy, 2012, 56, 2290-2294.	3.2	14
88	The Heat-Induced Molecular Disaggregase Hsp104 of Candida albicans Plays a Role in Biofilm Formation and Pathogenicity in a Worm Infection Model. Eukaryotic Cell, 2012, 11, 1012-1020.	3.4	28
89	The Nonsteroidal Antiinflammatory Drug Diclofenac Potentiates the In Vivo Activity of Caspofungin Against Candida albicans Biofilms. Journal of Infectious Diseases, 2012, 206, 1790-1797.	4.0	60
90	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122

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91	Antifungal activity in plants from Chinese traditional and folk medicine. Journal of Ethnopharmacology, 2012, 143, 772-778.	4.1	52
92	Transcription factor Efg1 contributes to the tolerance of Candida albicans biofilms against antifungal agents in vitro and in vivo. Journal of Medical Microbiology, 2012, 61, 813-819.	1.8	18
93	Identification of Fungicidal 2,6-Disubstituted Quinolines with Activity against Candida Biofilms. Molecules, 2012, 17, 12243-12251.	3.8	10
94	The plant defensin RsAFP2 induces cell wall stress, septin mislocalization and accumulation of ceramides in <i>Candida albicans</i>. Molecular Microbiology, 2012, 84, 166-180.	2.5	123
95	Antibiotic activities of host defense peptides: more to it than lipid bilayer perturbation. Natural Product Reports, 2011, 28, 1350.	10.3	185
96	The Antifungal Plant Defensin HsAFP1 from Heuchera Sanguinea Induces Apoptosis in Candida Albicans. Frontiers in Microbiology, 2011, 2, 47.	3.5	83
97	Apoptosis-inducing antifungal peptides and proteins. Biochemical Society Transactions, 2011, 39, 1527-1532.	3.4	37
98	Controlled release of chlorhexidine antiseptic from microporous amorphous silica applied in open porosity of an implant surface. International Journal of Pharmaceutics, 2011, 419, 28-32.	5.2	18
99	Novel fungicidal benzylsulfanyl-phenylguanidines. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3686-3692.	2.2	13
100	Superoxide Dismutases Are Involved in Candida albicans Biofilm Persistence against Miconazole. Antimicrobial Agents and Chemotherapy, 2011, 55, 4033-4037.	3.2	105
101	A fungicidal piperazine-1-carboxamidine induces mitochondrial fission-dependent apoptosis in yeast. FEMS Yeast Research, 2010, 10, 812-818.	2.3	16
102	Skn1 and Ipt1 negatively regulate autophagy in<i>Saccharomyces cerevisiae</i>. FEMS Microbiology Letters, 2010, 303, 163-168.	1.8	16
103	Antifungal Carbazoles. Current Medicinal Chemistry, 2009, 16, 2205-2211.	2.4	99
104	Membrane Rafts Are Involved in Intracellular Miconazole Accumulation in Yeast Cells. Journal of Biological Chemistry, 2009, 284, 32680-32685.	3.4	31
105	Mitochondrial dysfunction leads to reduced chronological lifespan and increased apoptosis in yeast. FEBS Letters, 2009, 583, 113-117.	2.8	63
106	The antifungal plant defensin RsAFP2 from radish induces apoptosis in a metacaspase independent way in <i>Candida albicans</i>. FEBS Letters, 2009, 583, 2513-2516.	2.8	113
107	Design and Synthesis of a Series of Piperazineâ€•1â€•carboxamidine Derivatives with Antifungal Activity Resulting from Accumulation of Endogenous Reactive Oxygen Species. ChemMedChem, 2009, 4, 1714-1721.	3.2	14
108	Synthesis and fungicidal activity of 3,5-dichloropyrazin-2(1H)-one derivatives. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 4064-4066.	2.2	2

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109	The mode of antifungal action of plant, insect and human defensins. Cellular and Molecular Life Sciences, 2008, 65, 2069-2079.	5.4	191
110	Ydc1p ceramidase triggers organelle fragmentation, apoptosis and accelerated ageing in yeast. Cellular and Molecular Life Sciences, 2008, 65, 1933-1942.	5.4	56
111	Fungicidal activity of truncated analogues of dihydrosphingosine. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3728-3730.	2.2	26
112	Genome-wide expression analysis reveals TORC1-dependent and -independent functions of Sch9. FEMS Yeast Research, 2008, 8, 1276-1288.	2.3	35
113	In Vitro Activity of the Antifungal Plant Defensin RsAFP2 against <i>Candida</i> Isolates and Its In Vivo Efficacy in Prophylactic Murine Models of Candidiasis. Antimicrobial Agents and Chemotherapy, 2008, 52, 4522-4525.	3.2	79
114	Miconazole Induces Changes in Actin Cytoskeleton prior to Reactive Oxygen Species Induction in Yeast. Journal of Biological Chemistry, 2007, 282, 21592-21597.	3.4	55
115	The Antifungal Activity of RsAFP2, a Plant Defensin from <i>Raphanus sativus</i>, Involves the Induction of Reactive Oxygen Species in <i>Candida albicans</i>. Journal of Molecular Microbiology and Biotechnology, 2007, 13, 243-247.	1.0	158
116	Therapeutic potential of antifungal plant and insect defensins. Drug Discovery Today, 2007, 12, 966-971.	6.4	170
117	Arabidopsis thaliana plants expressing human beta-defensin-2 are more resistant to fungal attack: functional homology between plant and human defensins. Plant Cell Reports, 2007, 26, 1391-1398.	5.6	34
118	Level of M(IP)2C sphingolipid affects plant defensin sensitivity, oxidative stress resistance and chronological life-span in yeast. FEBS Letters, 2006, 580, 1903-1907.	2.8	51
119	Azoles: Mode of Antifungal Action and Resistance Development. Effect of Miconazole on Endogenous Reactive Oxygen Species Production in Candida albicans. Anti-Infective Agents in Medicinal Chemistry, 2006, 5, 3-13.	0.6	63
120	Ceramide Involvement in Apoptosis and Apoptotic Diseases. Mini-Reviews in Medicinal Chemistry, 2006, 6, 699-709.	2.4	57
121	Editorial [Hot Topic: Fungal Infections and Antifungal Strategies (Guest Editor: Karin Thevissen)]. Current Drug Targets, 2005, 6, 847-847.	2.1	0
122	Currently Used Antimycotics: Spectrum, Mode of Action and Resistance Occurrence. Current Drug Targets, 2005, 6, 895-907.	2.1	45
123	Fungal Sphingolipids as Targets for the Development of Selective Antifungal Therapeutics. Current Drug Targets, 2005, 6, 923-928.	2.1	43
124	Neutral glycolipids of the filamentous fungus Neurospora crassa:altered expression in plant defensin-resistant mutants. Journal of Lipid Research, 2005, 46, 759-768.	4.2	27
125	SKN1, a novel plant defensin-sensitivity gene inSaccharomyces cerevisiae, is implicated in sphingolipid biosynthesis. FEBS Letters, 2005, 579, 1973-1977.	2.8	43
126	Antifungal activity of synthetic peptides derived from Impatiens balsamina antimicrobial peptides Ib-AMP1 and Ib-AMP4. Peptides, 2005, 26, 1113-1119.	2.4	48

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127	Defensins from Insects and Plants Interact with Fungal Glucosylceramides. Journal of Biological Chemistry, 2004, 279, 3900-3905.	3.4	320
128	IPT1-independent sphingolipid biosynthesis and yeast inhibition by syringomycin E and plant defensin DmAMP1. FEMS Microbiology Letters, 2003, 223, 199-203.	1.8	28
129	DmAMP1, an antifungal plant defensin from dahlia (Dahlia merckii), interacts with sphingolipids fromSaccharomyces cerevisiae. FEMS Microbiology Letters, 2003, 226, 169-173.	1.8	109
130	Interactions of antifungal plant defensins with fungal membrane components. Peptides, 2003, 24, 1705-1712.	2.4	168
131	Isolation and characterization of Neurospora crassa mutants resistant to antifungal plant defensins. Fungal Genetics and Biology, 2003, 40, 176-185.	2.1	30
132	Mode of Action of Plant Defensins Suggests Therapeutic Potential. Current Drug Targets Infectious Disorders, 2003, 3, 1-8.	2.1	60
133	Plant defensins. Planta, 2002, 216, 193-202.	3.2	616
134	Antibacterial and antifungal properties of Î±-helical, cationic peptides in the venom of scorpions from southern Africa. FEBS Journal, 2002, 269, 4799-4810.	0.2	157
135	Maize endosperm secretes a novel antifungal protein into adjacent maternal tissue. Plant Journal, 2001, 25, 687-698.	5.7	82
136	Synthetic peptides derived from the Î²2â˘Î²3 loop ofRaphanus sativusantifungal protein 2 that mimic the active site. Chemical Biology and Drug Design, 2001, 57, 409-418.	1.1	58
137	A gene encoding a sphingolipid biosynthesis enzyme determines the sensitivity of Saccharomyces cerevisiae to an antifungal plant defensin from dahlia (Dahlia merckii). Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 9531-9536.	7.1	174
138	Specific Binding Sites for an Antifungal Plant Defensin from Dahlia (Dahlia merckii) on Fungal Cells Are Required for Antifungal Activity. Molecular Plant-Microbe Interactions, 2000, 13, 54-61.	2.6	118
139	Permeabilization of Fungal Membranes by Plant Defensins Inhibits Fungal Growth. Applied and Environmental Microbiology, 1999, 65, 5451-5458.	3.1	340
140	Specific, High Affinity Binding Sites for an Antifungal Plant Defensin on Neurospora crassa Hyphae and Microsomal Membranes. Journal of Biological Chemistry, 1997, 272, 32176-32181.	3.4	85
141	Mutational Analysis of a Plant Defensin from Radish (Raphanus sativus L.) Reveals Two Adjacent Sites Important for Antifungal Activity. Journal of Biological Chemistry, 1997, 272, 1171-1179.	3.4	157
142	Antimicrobial Peptides from Plants. Critical Reviews in Plant Sciences, 1997, 16, 297-323.	5.7	559
143	Antimicrobial Peptides from Plants. Critical Reviews in Plant Sciences, 1997, 16, 297-323.	5.7	57
144	Fungal Membrane Responses Induced by Plant Defensins and Thionins. Journal of Biological Chemistry, 1996, 271, 15018-15025.	3.4	266

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145	Isolation and characterisation of plant defensins from seeds of Asteraceae, Fabaceae, Hippocastanaceae and Saxifragaceae. FEBS Letters, 1995, 368, 257-262.	2.8	348
146	A Potent Antimicrobial Protein from Onion Seeds Showing Sequence Homology to Plant Lipid Transfer Proteins. Plant Physiology, 1995, 109, 445-455.	4.8	314
147	Geneâ€Encoded Antimicrobial Peptides from Plants. Novartis Foundation Symposium, 1994, 186, 91-106.	1.1	21
148	Synergistic Enhancement of the Antifungal Activity of Wheat and Barley Thionins by Radish and Oilseed Rape 2S Albumins and by Barley Trypsin Inhibitors. Plant Physiology, 1993, 103, 1311-1319.	4.8	176