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	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Plant defensins. Planta, 2002, 216, 193-202.	3.2	616
3	Antimicrobial Peptides from Plants. Critical Reviews in Plant Sciences, 1997, 16, 297-323.	5.7	559
4	Isolation and characterisation of plant defensins from seeds of Asteraceae, Fabaceae, Hippocastanaceae and Saxifragaceae. FEBS Letters, 1995, 368, 257-262.	2.8	348
5	Permeabilization of Fungal Membranes by Plant Defensins Inhibits Fungal Growth. Applied and Environmental Microbiology, 1999, 65, 5451-5458.	3.1	340
6	Defensins from Insects and Plants Interact with Fungal Glucosylceramides. Journal of Biological Chemistry, 2004, 279, 3900-3905.	3.4	320
7	A Potent Antimicrobial Protein from Onion Seeds Showing Sequence Homology to Plant Lipid Transfer Proteins. Plant Physiology, 1995, 109, 445-455.	4.8	314
8	Fungal Membrane Responses Induced by Plant Defensins and Thionins. Journal of Biological Chemistry, 1996, 271, 15018-15025.	3.4	266
9	The mode of antifungal action of plant, insect and human defensins. Cellular and Molecular Life Sciences, 2008, 65, 2069-2079.	5.4	191
10	Antibiotic activities of host defense peptides: more to it than lipid bilayer perturbation. Natural Product Reports, 2011, 28, 1350.	10.3	185
11	Antifungal Plant Defensins: Mechanisms of Action and Production. Molecules, 2014, 19, 12280-12303.	3.8	182
12	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
13	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
14	Therapeutic potential of antifungal plant and insect defensins. Drug Discovery Today, 2007, 12, 966-971.	6.4	170
15	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
16	Interactions of antifungal plant defensins with fungal membrane components. Peptides, 2003, 24, 1705-1712.	2.4	168
17	Combining Biocontrol Agents with Chemical Fungicides for Integrated Plant Fungal Disease Control. Microorganisms, 2020, 8, 1930.	3.6	164
18	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

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19	Guidelines and recommendations on yeast cell death nomenclature. Microbial Cell, 2018, 5, 4-31.	3.2	158
20	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
21	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
22	Reactive oxygen species-inducing antifungal agents and their activity against fungal biofilms. Future Medicinal Chemistry, 2014, 6, 77-90.	2.3	156
23	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
24	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
25	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
26	DmAMP1, an antifungal plant defensin from dahlia (Dahlia merckii), interacts with sphingolipids fromSaccharomyces cerevisiae. FEMS Microbiology Letters, 2003, 226, 169-173.	1.8	109
27	Superoxide Dismutases Are Involved in Candida albicans Biofilm Persistence against Miconazole. Antimicrobial Agents and Chemotherapy, 2011, 55, 4033-4037.	3.2	105
28	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
29	Antifungal Carbazoles. Current Medicinal Chemistry, 2009, 16, 2205-2211.	2.4	99
30	In vitro methods for the evaluation of antimicrobial surface designs. Acta Biomaterialia, 2018, 70, 12-24.	8.3	97
31	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
32	The Antifungal Plant Defensin HsAFP1 from Heuchera Sanguinea Induces Apoptosis in Candida Albicans. Frontiers in Microbiology, 2011, 2, 47.	3.5	83
33	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
34	Maize endosperm secretes a novel antifungal protein into adjacent maternal tissue. Plant Journal, 2001, 25, 687-698.	5.7	82
35	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
36	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

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37	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
38	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
39	Synergistic Activity of the Plant Defensin HsAFP1 and Caspofungin against Candida albicans Biofilms and Planktonic Cultures. PLoS ONE, 2015, 10, e0132701.	2.5	67
40	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
41	Artemisinins, New Miconazole Potentiators Resulting in Increased Activity against Candida albicans Biofilms. Antimicrobial Agents and Chemotherapy, 2015, 59, 421-426.	3.2	66
42	Roux-en-y gastric bypass attenuates hepatic mitochondrial dysfunction in mice with non-alcoholic steatohepatitis. Gut, 2015, 64, 673-683.	12.1	64
43	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
44	Mitochondrial dysfunction leads to reduced chronological lifespan and increased apoptosis in yeast. FEBS Letters, 2009, 583, 113-117.	2.8	63
45	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
46	Mode of Action of Plant Defensins Suggests Therapeutic Potential. Current Drug Targets Infectious Disorders, 2003, 3, 1-8.	2.1	60
47	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
48	The radish defensins RsAFP1 and RsAFP2 act synergistically with caspofungin against Candida albicans biofilms. Peptides, 2016, 75, 71-79.	2.4	59
49	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
50	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
51	Ceramide Involvement in Apoptosis and Apoptotic Diseases. Mini-Reviews in Medicinal Chemistry, 2006, 6, 699-709.	2.4	57
52	Substrate-Specificity of <i>Candida rugosa</i> Lipase and Its Industrial Application. ACS Sustainable Chemistry and Engineering, 2019, 7, 15828-15844.	6.7	57
53	Antimicrobial Peptides from Plants. Critical Reviews in Plant Sciences, 1997, 16, 297-323.	5.7	57
54	Ydc1p ceramidase triggers organelle fragmentation, apoptosis and accelerated ageing in yeast. Cellular and Molecular Life Sciences, 2008, 65, 1933-1942.	5.4	56

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55	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
56	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
57	Antifungal activity in plants from Chinese traditional and folk medicine. Journal of Ethnopharmacology, 2012, 143, 772-778.	4.1	52
58	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
59	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
60	Membrane-Interacting Antifungal Peptides. Frontiers in Cell and Developmental Biology, 2021, 9, 649875.	3.7	50
61	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
62	Antifungal activity of synthetic peptides derived from Impatiens balsamina antimicrobial peptides Ib-AMP1 and Ib-AMP4. Peptides, 2005, 26, 1113-1119.	2.4	48
63	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
64	Currently Used Antimycotics: Spectrum, Mode of Action and Resistance Occurrence. Current Drug Targets, 2005, 6, 895-907.	2.1	45
65	Fungal Sphingolipids as Targets for the Development of Selective Antifungal Therapeutics. Current Drug Targets, 2005, 6, 923-928.	2.1	43
66	SKN1, a novel plant defensin-sensitivity gene inSaccharomyces cerevisiae, is implicated in sphingolipid biosynthesis. FEBS Letters, 2005, 579, 1973-1977.	2.8	43
67	Digital microfluidics for time-resolved cytotoxicity studies on single non-adherent yeast cells. Lab on A Chip, 2015, 15, 1852-1860.	6.0	41
68	Antimicrobial Peptides as a Strategy to Combat Fungal Biofilms. Current Topics in Medicinal Chemistry, 2016, 17, 604-612.	2.1	41
69	Apoptosis-inducing antifungal peptides and proteins. Biochemical Society Transactions, 2011, 39, 1527-1532.	3.4	37
70	The Antifungal Plant Defensin HsAFP1 Is a Phosphatidic Acid-Interacting Peptide Inducing Membrane Permeabilization. Frontiers in Microbiology, 2017, 8, 2295.	3.5	36
71	Genome-wide expression analysis reveals TORC1-dependent and -independent functions of Sch9. FEMS Yeast Research, 2008, 8, 1276-1288.	2.3	35
72	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

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73	Membrane Rafts Are Involved in Intracellular Miconazole Accumulation in Yeast Cells. Journal of Biological Chemistry, 2009, 284, 32680-32685.	3.4	31
74	The antifungal plant defensin AtPDF2.3 from Arabidopsis thaliana blocks potassium channels. Scientific Reports, 2016, 6, 32121.	3.3	31
75	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
76	Isolation and characterization of Neurospora crassa mutants resistant to antifungal plant defensins. Fungal Genetics and Biology, 2003, 40, 176-185.	2.1	30
77	Affinity Comparison of p3 and p8 Peptide Displaying Bacteriophages Using Surface Plasmon Resonance. Analytical Chemistry, 2013, 85, 10075-10082.	6.5	30
78	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
79	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
80	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
81	Combination Therapy to Treat Fungal Biofilm-Based Infections. International Journal of Molecular Sciences, 2020, 21, 8873.	4.1	30
82	Antibacterial activity of a new broadâ€spectrum antibiotic covalently bound to titanium surfaces. Journal of Orthopaedic Research, 2016, 34, 2191-2198.	2.3	29
83	IPT1-independent sphingolipid biosynthesis and yeast inhibition by syringomycin E and plant defensin DmAMP1. FEMS Microbiology Letters, 2003, 223, 199-203.	1.8	28
84	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
85	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
86	Combinatorial drug approaches to tackle<i>Candida albicans</i>biofilms. Expert Review of Anti-Infective Therapy, 2015, 13, 973-984.	4.4	27
87	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
88	Fungicidal activity of truncated analogues of dihydrosphingosine. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3728-3730.	2.2	26
89	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
90	Stimulation of superoxide production increases fungicidal action of miconazole against Candida albicans biofilms. Scientific Reports, 2016, 6, 27463.	3.3	25

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91	Repurposing Toremifene for Treatment of Oral Bacterial Infections. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	25
92	Controlled release of chlorhexidine from a mesoporous silica-containing macroporous titanium dental implant prevents microbial biofilm formation. , 2017, 33, 13-27.		24
93	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
94	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
95	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
96	Geneâ€Encoded Antimicrobial Peptides from Plants. Novartis Foundation Symposium, 1994, 186, 91-106.	1.1	21
97	Potentiation of Antibiofilm Activity of Amphotericin B by Superoxide Dismutase Inhibition. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-7.	4.0	19
98	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
99	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
100	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
101	Sphingolipids and mitochondrial function, lessons learned from yeast. Microbial Cell, 2014, 1, 210-224.	3.2	18
102	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
103	Sphingolipids and mitochondrial function in budding yeast. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 3131-3137.	2.4	17
104	2-(2-Oxo-morpholin-3-yl)-acetamide Derivatives as Broad-Spectrum Antifungal Agents. Journal of Medicinal Chemistry, 2015, 58, 1502-1512.	6.4	17
105	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
106	A fungicidal piperazine-1-carboxamidine induces mitochondrial fission-dependent apoptosis in yeast. FEMS Yeast Research, 2010, 10, 812-818.	2.3	16
107	Skn1 and Ipt1 negatively regulate autophagy in<i>Saccharomyces cerevisiae</i>. FEMS Microbiology Letters, 2010, 303, 163-168.	1.8	16
108	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

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109	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
110	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
111	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
112	<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
113	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
114	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
115	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
116	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
117	Novel fungicidal benzylsulfanyl-phenylguanidines. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3686-3692.	2.2	13
118	Non-disulfide-bridged peptides from Tityus serrulatus venom: Evidence for proline-free ACE-inhibitors. Peptides, 2016, 82, 44-51.	2.4	13
119	Fungal Glucosylceramide-Specific Camelid Single Domain Antibodies Are Characterized by Broad Spectrum Antifungal Activity. Frontiers in Microbiology, 2017, 8, 1059.	3.5	13
120	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
121	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
122	Establishing a Unified COVID-19 â€œImmunomeâ€ Integrating Coronavirus Pathogenesis and Host Immunopathology. Frontiers in Immunology, 2020, 11, 1642.	4.8	11
123	Identification of Fungicidal 2,6-Disubstituted Quinolines with Activity against Candida Biofilms. Molecules, 2012, 17, 12243-12251.	3.8	10
124	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
125	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
126	The Ketogenic Diet Revisited: Beyond Ketones. Frontiers in Neurology, 2021, 12, 720073.	2.4	10

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127	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
128	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
129	Protocol for Determination of the Persister Subpopulation in Candida Albicans Biofilms. Methods in Molecular Biology, 2016, 1333, 67-72.	0.9	8
130	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
131	Structure-activity relationship study of the antimicrobial CRAMP-derived peptide CRAMP20-33. Peptides, 2018, 109, 33-38.	2.4	6
132	How promising are combinatorial drug strategies in combating Candida albicans biofilms?. Future Medicinal Chemistry, 2016, 8, 1383-1385.	2.3	5
133	Polyastaxanthin-based coatings reduce bacterial colonization in vivo. Materialia, 2018, 3, 15-20.	2.7	5
134	The Plant Decapeptide OSIP108 Can Alleviate Mitochondrial Dysfunction Induced by Cisplatin in Human Cells. Molecules, 2014, 19, 15088-15102.	3.8	4
135	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
136	Fluorescence-free First Hyperpolarizability Values of Fluorescent Proteins and Channel Rhodopsins. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 400, 112658.	3.9	4
137	Synthesis and fungicidal activity of 3,5-dichloropyrazin-2(1H)-one derivatives. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 4064-4066.	2.2	2
138	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
139	Angiotensin II type 1 receptor blockers increase tolerance of cells to copper and cisplatin. Microbial Cell, 2014, 1, 352-364.	3.2	2
140	P245 ROUX-EN-Y GASTRIC BYPASS ATTENUATES HEPATIC MITOCHONDRIAL DYSFUNCTION IN MICE WITH NONALCOHOLIC STEATOHEPATITIS. Journal of Hepatology, 2014, 60, S147.	3.7	1
141	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
142	Integrated Microwell Array Technologies for Single Cell Analysis. , 2020, , 1-32.		1
143	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
144	Editorial [Hot Topic: Fungal Infections and Antifungal Strategies (Guest Editor: Karin Thevissen)]. Current Drug Targets, 2005, 6, 847-847.	2.1	0

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145	P0959 : Dietary intervention completely reverses non-alcoholic steatohepatitis in obese and insulin resistant mice. Journal of Hepatology, 2015, 62, S705.	3.7	0
146	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
147	Abstract 1789: Repurposing the anti-depressant sertraline to target serine/glycine synthesis addicted cancer. , 2020, , .		0
148	Integrated Microwell Array Technologies for Single Cell Analysis. , 2022, , 311-341.		0