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Nontoxic antimicrobials that evade drug resistance

DOI: 10.1038/nchembio.1821

Nature Chemical Biology, 2015, 11, 481-7.

Source: <https://exaly.com/paper-pdf/61266607/citation-report.pdf>

Version: 2024-04-28

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#	Paper	IF	Citations
69	An Antifungal Combination Matrix Identifies a Rich Pool of Adjuvant Molecules that Enhance Drug Activity against Diverse Fungal Pathogens. <i>Cell Reports</i> , 2015 , 13, 1481-1492	10.6	54
68	Antifungal design: The toxicity-resistance yin-yang. <i>Nature Chemical Biology</i> , 2015 , 11, 453-4	11.7	5
67	Fine-tuned antifungals. <i>Nature Reviews Microbiology</i> , 2015 , 13, 398-398	22.2	
66	Antifungal drugs: Designer non-toxic derivatives dodge resistance. <i>Nature Reviews Drug Discovery</i> , 2015 , 14, 526	64.1	1
65	From synthesis to function via iterative assembly of N-methyliminodiacetic acid boronate building blocks. <i>Accounts of Chemical Research</i> , 2015 , 48, 2297-307	24.3	127
64	Effect of imidazolium room-temperature ionic liquids on aggregation of amphotericin B: a circular dichroism study. <i>RSC Advances</i> , 2015 , 5, 80325-80329	3.7	4
63	Self-assembly of the anti-fungal polyene amphotericin B into giant helically-twisted nanotapes. <i>Chemical Communications</i> , 2015 , 51, 17680-3	5.8	2
62	Taming Amphotericin B. <i>Bioconjugate Chemistry</i> , 2015 , 26, 2021-4	6.3	24
61	New Horizons in Antifungal Therapy. <i>Journal of Fungi (Basel, Switzerland)</i> , 2016 , 2,	5.6	88
60	Amphotericin B Inhibits Enterovirus 71 Replication by Impeding Viral Entry. <i>Scientific Reports</i> , 2016 , 6, 33150	4.9	12
59	Polyene macrolide biosynthesis in streptomycetes and related bacteria: recent advances from genome sequencing and experimental studies. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 3893-908	5.7	25
58	The Structure of the Bimolecular Complex between Amphotericin B and Ergosterol in Membranes Is Stabilized by Face-to-Face van der Waals Interaction with Their Rigid Cyclic Cores. <i>Biochemistry</i> , 2016 , 55, 3392-402	3.2	16
57	A complex game of hide and seek: the search for new antifungals. <i>MedChemComm</i> , 2016 , 7, 1285-1306	5	37
56	Application of isothermal titration calorimetry as a tool to study natural product interactions. <i>Natural Product Reports</i> , 2016 , 33, 881-904	15.1	55
55	Strategies in the discovery of novel antifungal scaffolds. <i>Future Medicinal Chemistry</i> , 2016 , 8, 1435-54	4.1	19
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53	Simple Strategy for Taming Membrane-Disrupting Antibiotics. <i>Bioconjugate Chemistry</i> , 2016 , 27, 2850-2853	5.3	6

52	David and Goliath: chemical perturbation of eukaryotes by bacteria. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016 , 43, 233-48	4.2	4
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48	Improved recovery and biological activities of an engineered polyene NPP analogue in <i>Pseudonocardia autotrophica</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017 , 44, 1293-1299	4.2	7
47	New facets of antifungal therapy. <i>Virulence</i> , 2017 , 8, 222-236	4.7	73
46	Antifungal Drugs: The Current Armamentarium and Development of New Agents. 2017 , 903-922		8
45	Bridging the Gap to Non-toxic Fungal Control: Lupinus-Derived Blad-Containing Oligomer as a Novel Candidate to Combat Human Pathogenic Fungi. <i>Frontiers in Microbiology</i> , 2017 , 8, 1182	5.7	4
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31	Dectin-1-Targeted Antifungal Liposomes Exhibit Enhanced Efficacy. <i>MSphere</i> , 2019 , 4,	5	12
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28	The pore-forming action of polyenes: From model membranes to living organisms. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019 , 1861, 418-430	3.8	17
27	and Are Major Targets Conferring Reduced Susceptibility to Amphotericin B in Clinical Isolates in Kuwait. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	21
26	Discovery of Linear Low-Cationic Peptides to Target Methicillin-Resistant <i>Staphylococcus aureus</i> in Vivo. <i>ACS Infectious Diseases</i> , 2019 , 5, 123-130	5.5	15
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20	Well-Tolerated Amphotericin B Derivatives That Effectively Treat Visceral Leishmaniasis. <i>ACS Infectious Diseases</i> , 2021 , 7, 2472-2482	5.5	
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17	Targeted antifungal liposomes.		1

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8	Anticandidal activity of green synthesised silver nanoparticles and extract loaded chitosan nanoparticles of Euphorbia prostata. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2022 , 50, 188-197	6.1	
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4	Stereoselective Three-Component Construction of Conjugated 1,3-Dienes &via &Palladium-Catalyzed Alkene/Allene/Carbenoid Insertion Cascade.		0
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