

Platforms for antibiotic discovery

Nature Reviews Drug Discovery

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mycobacterium tuberculosis Shikimate Kinase Inhibitors: Design and Simulation Studies of the Catalytic Turnover. Journal of the American Chemical Society, 2013, 135, 12366-12376.	6.6	51
2	Activated ClpP kills persisters and eradicates a chronic biofilm infection. Nature, 2013, 503, 365-370.	13.7	578
3	Synthesis and antibacterial evaluation of anziaic acid and its analogues as topoisomerase I inhibitors. MedChemComm, 2013, 4, 1613.	3.5	20
4	Combinatorial Chemistry Online Volume 15, Issue 8, August 2013. Combinatorial Chemistry, 2013, 15, 29-31.	0.0	0
5	Disruptive innovations: new anti-infectives in the age of resistance. Current Opinion in Pharmacology, 2013, 13, 673-677.	1.7	25
6	The value of single-pathogen antibacterial agents. Nature Reviews Drug Discovery, 2013, 12, 963-963.	21.5	98
7	Target Prediction for an Open Access Set of Compounds Active against Mycobacterium tuberculosis. PLoS Computational Biology, 2013, 9, e1003253.	1.5	51
8	Random Mutagenesis of the <i>Aspergillus oryzae</i> Genome Results in Fungal Antibacterial Activity. International Journal of Microbiology, 2013, 2013, 1-5.	0.9	8
9	Magnetically Triggered Dual Functional Nanoparticles for Resistance-Free Apoptotic Hyperthermia. Angewandte Chemie - International Edition, 2013, 52, 13047-13051.	7.2	201
11	Metabolomics for Secondary Metabolite Research. Metabolites, 2013, 3, 1076-1083.	1.3	59
12	Peptide array based discovery of synthetic antimicrobial peptides. Frontiers in Microbiology, 2013, 4, 402.	1.5	30
13	Structure Guided Design of Biotin Protein Ligase Inhibitors for Antibiotic Discovery. Current Topics in Medicinal Chemistry, 2013, 14, 4-20.	1.0	25
14	The use of resazurin as a novel antimicrobial agent against Francisella tularensis. Frontiers in Cellular and Infection Microbiology, 2013, 3, 93.	1.8	35
15	Translational Research: From Biological Discovery to Public Benefit (or Not). Advances in Biology, 2014, 2014, 1-20.	1.2	5
16	Biosynthetic Modularity Rules in the Bisintercalator Family of Antitumor Compounds. Marine Drugs, 2014, 12, 2668-2699.	2.2	18
17	Application of cyclic phosphoramidate reagents in the total synthesis of natural products and biologically active molecules. Beilstein Journal of Organic Chemistry, 2014, 10, 1848-1877.	1.3	11
18	Melittin based on silica nanoparticles for Agrobacterium tumefaciens inhibition. Micro and Nano Letters, 2014, 9, 913-916.	0.6	2
19	The potential utility of chitosan micro/nanoparticles in the treatment of gastric infection. Expert Review of Anti-Infective Therapy, 2014, 12, 981-992.	2.0	49

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20	A Screen for and Validation of Prodrug Antimicrobials. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1410-1419.	1.4	27
22	An NF- κ B-Based High-Throughput Screen Identifies Piericidins as Inhibitors of the <i>Yersinia pseudotuberculosis</i> Type III Secretion System. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1118-1126.	1.4	38
23	Strategies for Circumventing Bacterial Resistance Mechanisms. , 2014, , 1-29.		0
24	Editorial overview: Anti-infectives: Towards novel antiviral and antibacterial drugs? Current approaches to address a growing medical need. <i>Current Opinion in Pharmacology</i> , 2014, 18, iv-vi.	1.7	1
25	Membrane Protein Structures for Rational Antimicrobial Drug Design. <i>Australian Journal of Chemistry</i> , 2014, 67, 1724.	0.5	1
26	Microbial biofilm formation: a need to act. <i>Journal of Internal Medicine</i> , 2014, 276, 98-110.	2.7	144
27	Crucial components of mycobacterium type II fatty acid biosynthesis (Fas-II) and their inhibitors. <i>FEMS Microbiology Letters</i> , 2014, 360, 87-99.	0.7	36
29	Recent advances in technologies for developing drugs against <i>Chlamydia pneumoniae</i> . <i>Expert Opinion on Drug Discovery</i> , 2014, 9, 791-802.	2.5	7
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34	SMMRNA: a database of small molecule modulators of RNA. <i>Nucleic Acids Research</i> , 2014, 42, D132-D141.	6.5	29
35	Lassomycin, a Ribosomally Synthesized Cyclic Peptide, Kills <i>Mycobacterium tuberculosis</i> by Targeting the ATP-Dependent Protease ClpC1P1P2. <i>Chemistry and Biology</i> , 2014, 21, 509-518.	6.2	344
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38	Something old, something new: revisiting natural products in antibiotic drug discovery. <i>Canadian Journal of Microbiology</i> , 2014, 60, 147-154.	0.8	207
39	Phenazine antibiotic inspired discovery of potent bromophenazine antibacterial agents against <i>Staphylococcus aureus</i> and <i>Staphylococcus epidermidis</i> . <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 881-886.	1.5	74

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1025	Nigericin is effective against multidrug resistant gram-positive bacteria, persisters, and biofilms. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	3
1026	A Temporin Derived Peptide Showing Antibacterial and Antibiofilm Activities against <i>Staphylococcus aureus</i> . <i>Protein and Peptide Letters</i> , 2022, 30, .	0.4	0
1027	Configuration-Specific Antibody for Bacterial Heptosylation: An Antiadhesion Therapeutic Strategy. <i>Journal of the American Chemical Society</i> , 2023, 145, 322-333.	6.6	1
1028	Disrupting the ArcA Regulatory Network Amplifies the Fitness Cost of Tetracycline Resistance in <i>Escherichia coli</i> . <i>MSystems</i> , 2023, 8, .	1.7	5
1029	Overcoming intrinsic resistance in gram-negative bacteria using small molecule adjuvants. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2023, 80, 129113.	1.0	10
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1031	Fighting antibiotic resistance“strategies and (pre)clinical developments to find new antibacterials. <i>EMBO Reports</i> , 2023, 24, .	2.0	51
1033	Hayvanç±lÄ±k Ä°Åletmesi ve Termal Kaynak KÄrkenli Toprak ve Su Årneklerinden Mikrobakteri Ä°zolasyonu, TanÄ±mlanmas± ve Antibakteriyel Aktivitesi. <i>Akademik GÄ±da</i> , 0, , 358-364.	0.5	0
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1035	High-Resolution Bacterial Cytological Profiling Reveals Intrapopulation Morphological Variations upon Antibiotic Exposure. <i>Antimicrobial Agents and Chemotherapy</i> , 2023, 67, .	1.4	7
1036	Development of Host-Cleavable Antibody“Bactericide Conjugates against Extracellular Pathogens. <i>ACS Infectious Diseases</i> , 2023, 9, 322-329.	1.8	2
1037	A Bibliometric Analysis of Research on Bacterial Persisters. <i>BioMed Research International</i> , 2023, 2023, 1-15.	0.9	1
1038	Antibiotic resistance: retrospect and prospect. , 2023, , 1-37.		0
1039	Sources of Antifungal Drugs. <i>Journal of Fungi (Basel, Switzerland)</i> , 2023, 9, 171.	1.5	15
1040	Molecular identification of a novel antimicrobial peptide in giant Triton snail <i>Charonia tritonis</i> : mRNA profiles for tissues and its potential antibacterial activity. <i>Fish and Shellfish Immunology</i> , 2023, 136, 108734.	1.6	1
1041	Deciphering mechanisms of production of natural compounds using inducer-producer microbial consortia. <i>Biotechnology Advances</i> , 2023, 64, 108117.	6.0	2
1042	A historical, economic, and technical-scientific approach to the current crisis in the development of antibacterial drugs: Promising role of antibacterial peptides in this scenario. <i>Microbial Pathogenesis</i> , 2023, 179, 106108.	1.3	1

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1043	Screening for small molecule inhibitors of SAH nucleosidase using an SAH riboswitch. <i>Analytical Biochemistry</i> , 2023, 666, 115047.	1.1	1
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1045	Single-cell pathogen diagnostics for combating antibiotic resistance. <i>Nature Reviews Methods Primers</i> , 2023, 3, .	11.8	9
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1047	One-Step Phytofabrication Method of Silver and Gold Nanoparticles Using <i>Haloxylon salicornicum</i> for Anticancer, Antimicrobial, and Antioxidant Activities. <i>Pharmaceutics</i> , 2023, 15, 529.	2.0	6
1048	Phage-Derived Depolymerase: Its Possible Role for Secondary Bacterial Infections in COVID-19 Patients. <i>Microorganisms</i> , 2023, 11, 424.	1.6	6
1049	Structure-activity relationship (SAR) and antibacterial activity of pyrrolidine based hybrids: A review. <i>Journal of Molecular Structure</i> , 2023, 1283, 135175.	1.8	8
1052	Antimicrobial Activity of Bacterial Strains Isolated from <i>Macrotermes belli-cosus</i> Termite Mound. <i>Journal of Tropical Life Science</i> , 2023, 13, 171-182.	0.1	3
1053	Design, Synthesis, and Evaluation of Carbonate-Linked Halogenated Phenazine-Quinone Prodrugs with Improved Water-Solubility and Potent Antibacterial Profiles. <i>ACS Infectious Diseases</i> , 2023, 9, 899-915.	1.8	0
1054	Microplastics as a Carrier of Antibiotic Resistance Genes: A Revision of Literature. , 2023, , 147-161.		0
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1059	Infectious Agents: From the Red Queen Paradigm to Some of Their Genuine Traits. , 2023, , 47-107.		0
1060	Phage Display-Derived Peptides and Antibodies for Bacterial Infectious Diseases Therapy and Diagnosis. <i>Molecules</i> , 2023, 28, 2621.	1.7	7
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1063	Facilitating flip-flop: Structural tuning of molecule-membrane interactions in living bacteria. <i>Biophysical Journal</i> , 2023, 122, 1735-1747.	0.2	3

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1082	Harnessing the dual antimicrobial mode of action with a lipophilic Mn(<i>II</i>) complex using the principle of the Irving-Williams Series to completely eradicate <i>Staphylococcus aureus</i> . Dalton Transactions, 0, , .	1.6	0
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