Kyle H Rohde

List of Publications by Year
in descending order

34	2,137	430874	395702
papers	citations	18 h-index	33 g-index

36	36	36	2773
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mycobacterium tuberculosis Invasion of Macrophages: Linking Bacterial Gene Expression to Environmental Cues. Cell Host and Microbe, 2007, 2, 352-364.	11.0	344
2	Mycobacterium tuberculosis and the environment within the phagosome. Immunological Reviews, 2007, 219, 37-54.	6.0	314
3	Linking the Transcriptional Profiles and the Physiological States of Mycobacterium tuberculosis during an Extended Intracellular Infection. PLoS Pathogens, 2012, 8, e1002769.	4.7	241
4	Functional Genetic Diversity among Mycobacterium tuberculosis Complex Clinical Isolates: Delineation of Conserved Core and Lineage-Specific Transcriptomes during Intracellular Survival. PLoS Pathogens, 2010, 6, e1000988.	4.7	228
5	aprABC: a Mycobacterium tuberculosis complexâ€specific locus that modulates pHâ€driven adaptation to the macrophage phagosome. Molecular Microbiology, 2011, 80, 678-694.	2.5	176
6	Immune activation of the host cell induces drug tolerance in Mycobacterium tuberculosis both in vitro and in vivo. Journal of Experimental Medicine, 2016, 213, 809-825.	8.5	169
7	Mycobacterium tuberculosis Wears What It Eats. Cell Host and Microbe, 2010, 8, 68-76.	11.0	166
8	Deoxyribozyme Cascade for Visual Detection of Bacterial RNA. ChemBioChem, 2013, 14, 2087-2090.	2.6	35
9	The Minimal Unit of Infection:Mycobacterium tuberculosisin the Macrophage. Microbiology Spectrum, 2016, 4, .	3.0	35
10	Mycobacterium tuberculosis arrests host cycle at the G1/S transition to establish long term infection. PLoS Pathogens, 2017, 13, e1006389.	4.7	35
11	Selective Killing of Dormant Mycobacterium tuberculosis by Marine Natural Products. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	34
12	Small-Molecule Inhibitors Targeting Topoisomerase I as Novel Antituberculosis Agents. Antimicrobial Agents and Chemotherapy, 2016, 60, 4028-4036.	3.2	32
13	Multiplex detection of extensively drug resistant tuberculosis using binary deoxyribozyme sensors. Biosensors and Bioelectronics, 2017, 94, 176-183.	10.1	29
14	Reporter-Based Assays for High-Throughput Drug Screening against Mycobacterium abscessus. Frontiers in Microbiology, 2017, 8, 2204.	3.5	26
15	Transcriptome profiling reveals divergent expression shifts in brown and white adipose tissue from long-lived GHRKO mice. Oncotarget, 2015, 6, 26702-26715.	1.8	25
16	Dragmacidin G, a Bioactive Bis-Indole Alkaloid from a Deep-Water Sponge of the Genus Spongosorites. Marine Drugs, 2017, 15, 16.	4.6	25
17	Exploitation of Mangrove Endophytic Fungi for Infectious Disease Drug Discovery. Marine Drugs, 2018, 16, 376.	4.6	21
18	A Modular Synthetic Route Involving N-Aryl-2-nitrosoaniline Intermediates Leads to a New Series of 3-Substituted Halogenated Phenazine Antibacterial Agents. Journal of Medicinal Chemistry, 2021, 64, 7275-7295.	6.4	21

#	Article	IF	Citations
19	Growth hormone-mediated reprogramming of macrophage transcriptome and effector functions. Scientific Reports, 2019, 9, 19348.	3.3	20
20	The Rv2633c protein of Mycobacterium tuberculosis is a non-heme di-iron catalase with a possible role in defenses against oxidative stress. Journal of Biological Chemistry, 2018, 293, 1590-1595.	3.4	19
21	DNA Antenna Tileâ€Associated Deoxyribozyme Sensor with Improved Sensitivity. ChemBioChem, 2016, 17, 2038-2041.	2.6	18
22	Evidence for Inhibition of Topoisomerase 1A by Gold(III) Macrocycles and Chelates Targeting Mycobacterium tuberculosis and Mycobacterium abscessus. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	18
23	Novel Antimycobacterial Compounds Suppress NAD Biogenesis by Targeting a Unique Pocket of NaMN Adenylyltransferase. ACS Chemical Biology, 2019, 14, 949-958.	3.4	15
24	Atypically Modified Carbapenem Antibiotics Display Improved Antimycobacterial Activity in the Absence of Î²-Lactamase Inhibitors. ACS Infectious Diseases, 2021, 7, 2425-2436.	3.8	15
25	Synthesis and antitubercular activity of 1,2,4-trisubstitued piperazines. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2206-2209.	2.2	14
26	Cascade of deoxyribozymes for the colorimetric analysis of drug resistance in Mycobacterium tuberculosis. Biosensors and Bioelectronics, 2020, 165, 112385.	10.1	10
27	Crystal structure of a hemerythrin-like protein from Mycobacterium kansasii and homology model of the orthologous Rv2633c protein of M. tuberculosis. Biochemical Journal, 2020, 477, 567-581.	3.7	8
28	Plakinamine P, A Steroidal Alkaloid with Bactericidal Activity against Mycobacterium tuberculosis. Marine Drugs, 2019, 17, 707.	4.6	5
29	Molecular drug susceptibility testing and strain typing of tuberculosis by DNA hybridization. PLoS ONE, 2019, 14, e0212064.	2.5	4
30	Species Typing of Nontuberculous Mycobacteria by Use of Deoxyribozyme Sensors. Clinical Chemistry, 2019, 65, 333-341.	3.2	4
31	The Prospective Synergy of Antitubercular Drugs With NAD Biosynthesis Inhibitors. Frontiers in Microbiology, 2020, 11, 634640.	3.5	4
32	Synthesis and Evaluation of Marine Natural Product-Inspired Meroterpenoids with Selective Activity toward Dormant Mycobacterium tuberculosis. ACS Omega, 2022, 7, 23487-23496.	3.5	4
33	The Minimal Unit of Infection:Mycobacterium tuberculosisin the Macrophage. , 0, , 635-652.		3
34	Functional Analysis of the Intraphagosomal Environment of the Macrophage: Fluorogenic Reporters and the Transcriptional Responses of Salmonella and Mycobacterium spp.. , 0, , 249-264.		0