Muhammad Malik

List of Publications by Year
in descending order

25 papers	2,131 citations	430874 18 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	2233 citing authors

#	Article	IF	Citations
1	Suppression of gyrase-mediated resistance by C7 aryl fluoroquinolones. Nucleic Acids Research, 2016, 44, 3304-3316.	14.5	19
2	Ribosomal Elongation Factor 4 Promotes Cell Death Associated with Lethal Stress. MBio, 2014, 5, e01708.	4.1	27
3	Fluoroquinolone-Gyrase-DNA Complexes. Journal of Biological Chemistry, 2014, 289, 12300-12312.	3.4	123
4	Lethal synergy involving bicyclomycin: an approach for reviving old antibiotics. Journal of Antimicrobial Chemotherapy, 2014, 69, 3227-3235.	3.0	29
5	Induction of Mycobacterial Resistance to Quinolone Class Antimicrobials. Antimicrobial Agents and Chemotherapy, 2012, 56, 3879-3887.	3.2	14
6	Fluoroquinolone Resistance: Mechanisms, Restrictive Dosing, and Anti-Mutant Screening Strategies for New Compounds. , 2012, , 485-514.		8
7	Fluoroquinolone and Quinazolinedione Activities against Wild-Type and Gyrase Mutant Strains of Mycobacterium smegmatis. Antimicrobial Agents and Chemotherapy, 2011, 55, 2335-2343.	3.2	67
8	Synthesis and evaluation of 1-cyclopropyl-2-thioalkyl-8-methoxy fluoroquinolones. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4585-4588.	2.2	5
9	Escherichia coli genes that reduce the lethal effects of stress. BMC Microbiology, 2010, 10, 35.	3.3	44
10	Effect of N-1/C-8 Ring Fusion and C-7 Ring Structure on Fluoroquinolone Lethality. Antimicrobial Agents and Chemotherapy, 2010, 54, 5214-5221.	3.2	15
11	Novel Approach for Comparing the Abilities of Quinolones To Restrict the Emergence of Resistant Mutants during Quinolone Exposure. Antimicrobial Agents and Chemotherapy, 2010, 54, 149-156.	3.2	43
12	Contribution of reactive oxygen species to pathways of quinolone-mediated bacterial cell death. Journal of Antimicrobial Chemotherapy, 2010, 65, 520-524.	3.0	117
13	In Vitro Model of Mycobacterial Growth Arrest Using Nitric Oxide with Limited Air. Antimicrobial Agents and Chemotherapy, 2009, 53, 157-161.	3.2	13
14	Lon Protease Is Essential for Paradoxical Survival of Escherichia coli Exposed to High Concentrations of Quinolone. Antimicrobial Agents and Chemotherapy, 2009, 53, 3103-3105.	3.2	19
15	Quinolones: Action and Resistance Updated. Current Topics in Medicinal Chemistry, 2009, 9, 981-998.	2.1	292
16	Quinolone-Mediated Bacterial Death. Antimicrobial Agents and Chemotherapy, 2008, 52, 385-392.	3.2	450
17	Use of Gyrase Resistance Mutants To Guide Selection of 8-Methoxy-Quinazoline-2,4-Diones. Antimicrobial Agents and Chemotherapy, 2008, 52, 3915-3921.	3.2	40
18	Effect of Anaerobic Growth on Quinolone Lethality with Escherichia coli. Antimicrobial Agents and Chemotherapy, 2007, 51, 28-34.	3.2	57

#	Article	IF	Citations
19	Daptomycin inoculum effects and mutant prevention concentration with Staphylococcus aureus. Journal of Antimicrobial Chemotherapy, 2007, 60, 1380-1383.	3.0	43
20	Lethal fragmentation of bacterial chromosomes mediated by DNA gyrase and quinolones. Molecular Microbiology, 2006, 61, 810-825.	2.5	111
21	Moxifloxacin Lethality against Mycobacterium tuberculosis in the Presence and Absence of Chloramphenicol. Antimicrobial Agents and Chemotherapy, 2006, 50, 2842-2844.	3.2	32
22	Lethal Action of Quinolones against a Temperature-Sensitive dnaB Replication Mutant of Escherichia coli. Antimicrobial Agents and Chemotherapy, 2006, 50, 362-364.	3.2	24
23	Lethality of Quinolones against Mycobacterium smegmatis in the Presence or Absence of Chloramphenicol. Antimicrobial Agents and Chemotherapy, 2005, 49, 2008-2014.	3.2	28
24	Fluoroquinolones: Action and Resistance. Current Topics in Medicinal Chemistry, 2003, 3, 249-282.	2.1	273
25	DNA Gyrase and Topoisomerase IV on the Bacterial Chromosome: Quinolone-induced DNA Cleavage. Journal of Molecular Biology, 1996, 258, 627-637.	4.2	234