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	Quinolone-Mediated Bacterial Death. Antimicrobial Agents and Chemotherapy, 2008, 52, 385-392.	3.2	450
2	Quinolones: Action and Resistance Updated. Current Topics in Medicinal Chemistry, 2009, 9, 981-998.	2.1	292
3	Fluoroquinolones: Action and Resistance. Current Topics in Medicinal Chemistry, 2003, 3, 249-282.	2.1	273
4	DNA Gyrase and Topoisomerase IV on the Bacterial Chromosome: Quinolone-induced DNA Cleavage. Journal of Molecular Biology, 1996, 258, 627-637.	4.2	234
5	Fluoroquinolone-Gyrase-DNA Complexes. Journal of Biological Chemistry, 2014, 289, 12300-12312.	3.4	123
6	Contribution of reactive oxygen species to pathways of quinolone-mediated bacterial cell death. Journal of Antimicrobial Chemotherapy, 2010, 65, 520-524.	3.0	117
7	Lethal fragmentation of bacterial chromosomes mediated by DNA gyrase and quinolones. Molecular Microbiology, 2006, 61, 810-825.	2.5	111
8	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
9	Effect of Anaerobic Growth on Quinolone Lethality with Escherichia coli. Antimicrobial Agents and Chemotherapy, 2007, 51, 28-34.	3.2	57
10	Escherichia coli genes that reduce the lethal effects of stress. BMC Microbiology, 2010, 10, 35.	3.3	44
11	Daptomycin inoculum effects and mutant prevention concentration with Staphylococcus aureus. Journal of Antimicrobial Chemotherapy, 2007, 60, 1380-1383.	3.0	43
12	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
13	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
14	Moxifloxacin Lethality against Mycobacterium tuberculosis in the Presence and Absence of Chloramphenicol. Antimicrobial Agents and Chemotherapy, 2006, 50, 2842-2844.	3.2	32
15	Lethal synergy involving bicyclomycin: an approach for reviving old antibiotics. Journal of Antimicrobial Chemotherapy, 2014, 69, 3227-3235.	3.0	29
16	Lethality of Quinolones against Mycobacterium smegmatis in the Presence or Absence of Chloramphenicol. Antimicrobial Agents and Chemotherapy, 2005, 49, 2008-2014.	3.2	28
17	Ribosomal Elongation Factor 4 Promotes Cell Death Associated with Lethal Stress. MBio, 2014, 5, e01708.	4.1	27
18	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

#	Article	IF	Citations
19	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
20	Suppression of gyrase-mediated resistance by C7 aryl fluoroquinolones. Nucleic Acids Research, 2016, 44, 3304-3316.	14.5	19
21	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
22	Induction of Mycobacterial Resistance to Quinolone Class Antimicrobials. Antimicrobial Agents and Chemotherapy, 2012, 56, 3879-3887.	3.2	14
23	In Vitro Model of Mycobacterial Growth Arrest Using Nitric Oxide with Limited Air. Antimicrobial Agents and Chemotherapy, 2009, 53, 157-161.	3.2	13
24	Fluoroquinolone Resistance: Mechanisms, Restrictive Dosing, and Anti-Mutant Screening Strategies for New Compounds. , 2012, , 485-514.		8
25	Synthesis and evaluation of 1-cyclopropyl-2-thioalkyl-8-methoxy fluoroquinolones. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4585-4588.	2.2	5