Arundhati Maitra

List of Publications by Year
in descending order

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19	629	706676 14	721071 23
papers	citations	h-index	g-index

23	23	23	1075
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of the MurT/GatD complex in Mycobacterium tuberculosis towards validating a novel anti-tubercular drug target. JAC-Antimicrobial Resistance, 2021, 3, dlab028.	0.9	7
2	Improving the Drug Development Pipeline for Mycobacteria: Modelling Antibiotic Exposure in the Hollow Fibre Infection Model. Antibiotics, 2021, 10, 1515.	1.5	8
3	Exploration of 5â€(5â€nitrothiophenâ€2â€yl)â€4,5â€dihydroâ€1Hâ€pyrazoles as selective, multitargeted antimycobacterial agents. Chemical Biology and Drug Design, 2020, 95, 192-199.	1.5	10
4	Carprofen elicits pleiotropic mechanisms of bactericidal action with the potential to reverse antimicrobial drug resistance in tuberculosis. Journal of Antimicrobial Chemotherapy, 2020, 75, 3194-3201.	1.3	16
5	3-(5-Nitrofuran-2-yl)prop-2-en-1-one Derivatives, with Potent Antituberculosis Activity, Inhibit A Novel Therapeutic Target, Arylamine N-acetyltransferase, in Mycobacteria. Antibiotics, 2020, 9, 368.	1.5	7
6	Cell wall peptidoglycan inMycobacterium tuberculosis: An Achillesâ€™ heel for the TB-causing pathogen. FEMS Microbiology Reviews, 2019, 43, 548-575.	3.9	131
7	Analogues of Disulfides from Allium stipitatum Demonstrate Potent Anti-tubercular Activities through Drug Efflux Pump and Biofilm Inhibition. Scientific Reports, 2018, 8, 1150.	1.6	23
8	Synthesis and SAR evaluation of novel thioridazine derivatives active against drug-resistant tuberculosis. European Journal of Medicinal Chemistry, 2017, 127, 147-158.	2.6	25
9	Nano-Formulation of Ethambutol with Multifunctional Graphene Oxide and Magnetic Nanoparticles Retains Its Anti-Tubercular Activity with Prospects of Improving Chemotherapeutic Efficacy. Molecules, 2017, 22, 1697.	1.7	20
10	Novel Anti-Tuberculosis Nanodelivery Formulation of Ethambutol with Graphene Oxide. Molecules, 2017, 22, 1560.	1.7	25
11	Repurposing drugs for treatment of tuberculosis: a role for non-steroidal anti-inflammatory drugs. British Medical Bulletin, 2016, 118, 138-148.	2.7	63
12	HTâ€SPOTi: A Rapid Drug Susceptibility Test (DST) to Evaluate Antibiotic Resistance Profiles and Novel Chemicals for Antiâ€Infective Drug Discovery. Current Protocols in Microbiology, 2016, 40, 17.8.1-17.8.12.	6.5	39
13	Design and Synthesis of 1-((1,5-Bis(4-chlorophenyl)-2-methyl-1H-pyrrol-3-yl)methyl)-4-methylpiperazine (BM212) and N-Adamantan-2-yl-Nâ€²-((E)-3,7-dimethylocta-2,6-dienyl)ethane-1,2-diamine (SQ109) Pyrrole Hybrid Derivatives: Discovery of Potent Antitubercular Agents Effective against Multidrug-Resistant Mycobacteria. Journal of Medicinal Chemistry, 2016, 59, 2780-2793.	2.9	51
14	The draft genome of Mycobacterium aurum, a potential model organism for investigating drugs against Mycobacterium tuberculosis and Mycobacterium leprae. International Journal of Mycobacteriology, 2015, 4, 207-216.	0.3	19
15	Tetrahydroisoquinolines affect the whole-cell phenotype of Mycobacterium tuberculosis by inhibiting the ATP-dependent MurE ligase. Journal of Antimicrobial Chemotherapy, 2015, 70, 1691-1703.	1.3	24
16	Synthesis, anti-mycobacterial activity and DNA sequence-selectivity of a library of biaryl-motifs containing polyamides. Bioorganic and Medicinal Chemistry, 2015, 23, 3705-3711.	1.4	10
17	Repurposingâ€”a ray of hope in tackling extensively drug resistance in tuberculosis. International Journal of Infectious Diseases, 2015, 32, 50-55.	1.5	64
18	Characterisation of a putative AraC transcriptional regulator from Mycobacterium smegmatis. Tuberculosis, 2014, 94, 664-671.	0.8	12

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19	ProTides of N-(3-(5-(2â€²-deoxyuridine))prop-2-ynyl)octanamide as potential anti-tubercular and anti-viral agents. Bioorganic and Medicinal Chemistry, 2014, 22, 2816-2824.	1.4	27