

# Azger Dustachkeer

## List of Publications by Year in descending order

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35  
papers

517  
citations

623734

14  
h-index

752698

20  
g-index

38  
all docs

38  
docs citations

38  
times ranked

740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction and evaluation of luciferase reporter phages for the detection of active and non-replicating tubercle bacilli. <i>Journal of Microbiological Methods</i> , 2008, 73, 18-25.	1.6	35
2	Drug resistance among extrapulmonary TB patients: Six years experience from a supranational reference laboratory. <i>Indian Journal of Medical Research</i> , 2015, 142, 568.	1.0	35
3	Factors Influencing Tuberculosis Treatment Outcome in Adult Patients Treated with Thrice-Weekly Regimens in India. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	31
4	Differential Culturability of Mycobacterium tuberculosis in Culture-Negative Sputum of Patients With Pulmonary Tuberculosis and in a Simulated Model of Dormancy. <i>Frontiers in Microbiology</i> , 2019, 10, 2381.	3.5	31
5	Synthesis and biological evaluation of 2,4,5-trisubstituted thiazoles as antituberculosis agents effective against drug-resistant tuberculosis. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 315-328.	5.5	30
6	Extrapulmonary Tuberculosis – An Update on the Diagnosis, Treatment and Drug Resistance. <i>Journal of Respiration</i> , 2021, 1, 141-164.	1.1	27
7	Novel 1,3,4-oxadiazoles as antitubercular agents with limited activity against drug-resistant tuberculosis. <i>Future Medicinal Chemistry</i> , 2019, 11, 499-510.	2.3	26
8	Anti-tubercular and probiotic properties of coagulase-negative staphylococci isolated from Koozh, a traditional fermented food of South India. <i>Microbial Pathogenesis</i> , 2018, 114, 239-250.	2.9	25
9	A mannose-conjugated multi-layered polymeric nanocarrier system for controlled and targeted release on alveolar macrophages. <i>Polymer Chemistry</i> , 2018, 9, 656-667.	3.9	23
10	Formulation and evaluation of $\beta$ -cyclodextrin-mediated inclusion complexes of isoniazid scaffolds: molecular docking and <i>in vitro</i> assessment of antitubercular properties. <i>New Journal of Chemistry</i> , 2020, 44, 4467-4477.	2.8	21
11	Synthesis, <i>in vitro</i> antimycobacterial evaluation and docking studies of some new 5,6,7,8-tetrahydropyrido[4,3-d]thieno[2,3-d]pyrimidin-4(3H)-one schiff bases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 836-840.	2.2	20
12	Synthesis and evaluation of $\beta$ -aminoacyl amides as antitubercular agents effective on drug resistant tuberculosis. <i>European Journal of Medicinal Chemistry</i> , 2019, 164, 665-677.	5.5	20
13	Antimycobacterial potentials of quercetin and rutin against Mycobacterium tuberculosis H37Rv. <i>3 Biotech</i> , 2018, 8, 427.	2.2	18
14	Insights on recent approaches in drug discovery strategies and untapped drug targets against drug resistance. <i>Future Journal of Pharmaceutical Sciences</i> , 2021, 7, 56.	2.8	17
15	Phosphorylated $\beta$ -Carrageenan-Facilitated Chitosan Nanovehicle for Sustainable Anti-Tuberculosis Multi Drug Delivery. <i>ChemistrySelect</i> , 2017, 2, 7100-7107.	1.5	16
16	Purification and characterization of anti-tubercular and anticancer protein from Staphylococcus hominis strain MANF2: In silico structural and functional insight of peptide. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1107-1116.	3.8	13
17	A multi-targeting pre-clinical candidate against drug-resistant tuberculosis. <i>Tuberculosis</i> , 2021, 129, 102104.	1.9	12
18	Phage lysin as a substitute for antibiotics to detect Mycobacterium tuberculosis from sputum samples with the BACTEC MGIT 960 system. <i>Clinical Microbiology and Infection</i> , 2012, 18, 497-501.	6.0	11

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19	Diagnostic luciferase reporter phage assay for active and non-replicating persistors to detect tubercle bacilli from sputum samples. <i>Clinical Microbiology and Infection</i> , 2012, 18, 492-496.	6.0	10
20	Fatty acids-carotenoid complex: An effective anti-TB agent from the chlorella growth factor-extracted spent biomass of <i>Chlorella vulgaris</i> . <i>Journal of Ethnopharmacology</i> , 2020, 249, 112392.	4.1	10
21	Discovery of a highly potent novel rifampicin analog by preparing a hybrid of the precursors of the antibiotic drugs rifampicin and clofazimine. <i>Scientific Reports</i> , 2021, 11, 1029.	3.3	9
22	Chrysomycin A inhibits the topoisomerase I of <i>Mycobacterium tuberculosis</i> . <i>Journal of Antibiotics</i> , 2022, 75, 226-235.	2.0	9
23	Variants of <i>katG</i> , <i>inhA</i> and <i>nat</i> genes are not associated with mutations in efflux pump genes ( <i>mmpL3</i> ) Tj ETQq1 1 0.784314 rgBT /Over Tuberculosis, 2017, 107, 144-148.	1.9	8
24	Wild-Type MIC Distribution for Re-evaluating the Critical Concentration of Anti-TB Drugs and Pharmacodynamics Among Tuberculosis Patients From South India. <i>Frontiers in Microbiology</i> , 2020, 11, 1182.	3.5	8
25	Anti-tuberculosis activity of bio-active compounds from <i>Lantana camara</i> L., <i>Euphorbia hirta</i> L., <i>Mukia maderaspatana</i> (L.) M. Roem, and <i>Abutilon indicum</i> (L.). <i>European Journal of Integrative Medicine</i> , 2020, 35, 101105.	1.7	8
26	Phage lysin to control the overgrowth of normal flora in processed sputum samples for the rapid and sensitive detection of <i>Mycobacterium tuberculosis</i> by luciferase reporter phage assay. <i>BMC Infectious Diseases</i> , 2013, 13, 44.	2.9	6
27	Anti-Pathogenic and Technological Traits of Coagulase-Negative Staphylococci Isolated from Koozh, a Fermented Food Product of South India. <i>Food Biotechnology</i> , 2018, 32, 286-304.	1.5	6
28	Lytic Efficiency of Mycobacteriophages. <i>The Open Systems Biology Journal</i> , 2010, 3, 21-28.	0.7	6
29	Formulation, Characterization, in vitro Anti-Tubercular Activity and Cytotoxicity Study of Solid Lipid Nanoparticles of Isoniazid. <i>Nano Biomedicine and Engineering</i> , 2018, 10, .	0.9	5
30	An insight into the antimycobacterial and antioxidant potentials of INH-Schiff base complexes and insilico targeting of MtKasB receptor of <i>M.tuberculosis</i> . <i>New Journal of Chemistry</i> , 0, , .	2.8	5
31	Tape measure protein having MT3 motif facilitates phage entry into stationary phase cells of <i>Mycobacterium tuberculosis</i> . <i>Computational Biology and Chemistry</i> , 2008, 32, 367-369.	2.3	4
32	Enhancement of anti-tubercular activity and biomass of fermented food associated <i>Staphylococcus hominis</i> strain MANF2 using Taguchi orthogonal array and Box-Behnken design. <i>Microbial Pathogenesis</i> , 2018, 120, 8-18.	2.9	4
33	An alternative sputum processing method using chitin for the isolation of <i>Mycobacterium tuberculosis</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 523-526.	3.6	3
34	Retrieval of <i>Mycobacterium tuberculosis</i> cultures suspended in phosphate buffered saline. <i>International Journal of Mycobacteriology</i> , 2012, 1, 149-151.	0.6	2
35	<i>Mycobacterium tuberculosis</i> strain lineage in mixed tribal population across India and Andaman Nicobar Island. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 192.	3.6	1