

Babak Javid

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,865
citations

394421

19
h-index

289244

40
g-index

59
all docs

59
docs citations

59
times ranked

2618
citing authors

#	ARTICLE	IF	CITATIONS
1	MmpL3 Is the Cellular Target of the Antitubercular Pyrrole Derivative BM212. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 324-331.	3.2	190
2	Mycobacterial mistranslation is necessary and sufficient for rifampicin phenotypic resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1132-1137.	7.1	163
3	Protein mistranslation: friend or foe?. <i>Trends in Biochemical Sciences</i> , 2014, 39, 355-362.	7.5	134
4	Latently and uninfected healthcare workers exposed to TB make protective antibodies against <i>Mycobacterium tuberculosis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5023-5028.	7.1	132
5	Covid-19: should the public wear face masks?. <i>BMJ, The</i> , 2020, 369, m1442.	6.0	128
6	The 2021 WHO catalogue of <i>Mycobacterium tuberculosis</i> complex mutations associated with drug resistance: a genotypic analysis. <i>Lancet Microbe, The</i> , 2022, 3, e265-e273.	7.3	114
7	HSP70 Peptide Binding Mutants Separate Antigen Delivery from Dendritic Cell Stimulation. <i>Immunity</i> , 2004, 20, 95-106.	14.3	111
8	Structure and Function: Heat Shock Proteins and Adaptive Immunity. <i>Journal of Immunology</i> , 2007, 179, 2035-2040.	0.8	106
9	The essential mycobacterial amidotransferase GatCAB is a modulator of specific translational fidelity. <i>Nature Microbiology</i> , 2016, 1, 16147.	13.3	80
10	Antibodies and tuberculosis: finally coming of age?. <i>Nature Reviews Immunology</i> , 2018, 18, 591-596.	22.7	73
11	Rifampicin can induce antibiotic tolerance in mycobacteria via paradoxical changes in rpoB transcription. <i>Nature Communications</i> , 2018, 9, 4218.	12.8	68
12	High Rates of Tuberculosis in End-Stage Renal Failure: the Impact of International Migration. <i>Emerging Infectious Diseases</i> , 2002, 8, 77-78.	4.3	51
13	Human antibodies targeting a <i>Mycobacterium</i> transporter protein mediate protection against tuberculosis. <i>Nature Communications</i> , 2021, 12, 602.	12.8	48
14	Functional Role of Methylation of G518 of the 16S rRNA 530 Loop by GidB in <i>Mycobacterium tuberculosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 6311-6318.	3.2	42
15	Prevalence and Drug Resistance of Nontuberculous Mycobacteria, Northern China, 2008–2011. <i>Emerging Infectious Diseases</i> , 2014, 20, 1252-1253.	4.3	38
16	Selective translation by alternative bacterial ribosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19487-19496.	7.1	38
17	Direct and indirect evidence of efficacy and safety of rapid exercise tests for exertional desaturation in Covid-19: a rapid systematic review. <i>Systematic Reviews</i> , 2021, 10, 77.	5.3	29
18	Therapeutic Vaccines for Tuberculosis: An Overview. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	26

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19	Kasugamycin potentiates rifampicin and limits emergence of resistance in Mycobacterium tuberculosis by specifically decreasing mycobacterial mistranslation. <i>ELife</i> , 2018, 7, .	6.0	25
20	Drug-resistance mechanisms and tuberculosis drugs. <i>Lancet, The</i> , 2015, 385, 305-307.	13.7	22
21	Novel diagnostics and therapeutics for drug-resistant tuberculosis. <i>British Medical Bulletin</i> , 2014, 110, 129-140.	6.9	20
22	<i>dfrA thyA</i> Double Deletion in <i>para</i> -Aminosalicylic Acid-Resistant Mycobacterium tuberculosis Beijing Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3864-3867.	3.2	20
23	Transmitted Extended-Spectrum Extensively Drug-Resistant Tuberculosis in Beijing, China, with Discordant Whole-Genome Sequencing Analysis Results. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2781-2784.	3.9	18
24	Plasma Membrane Profiling Reveals Upregulation of ABCA1 by Infected Macrophages Leading to Restriction of Mycobacterial Growth. <i>Frontiers in Microbiology</i> , 2016, 7, 1086.	3.5	17
25	A case of Mycoplasma hominis septic arthritis postpartum. <i>Journal of Infection</i> , 2007, 55, e135-e137.	3.3	16
26	Translational misreading in Mycobacterium smegmatis increases in stationary phase. <i>Tuberculosis</i> , 2015, 95, 678-681.	1.9	15
27	Transmission of toxigenic Corynebacterium diphtheriae by a fully immunised resident returning from a visit to West Africa, United Kingdom, 2017. <i>Eurosurveillance</i> , 2018, 23, .	7.0	12
28	Clinically relevant mutations in mycobacterial LepA cause rifampicin-specific phenotypic resistance. <i>Scientific Reports</i> , 2020, 10, 8402.	3.3	11
29	Derivatives of Natural Product Agrimophol as Disruptors of Intrabacterial pH Homeostasis in Mycobacterium tuberculosis. <i>ACS Infectious Diseases</i> , 2019, 5, 1087-1104.	3.8	10
30	Premature termination codon readthrough in Drosophila varies in a developmental and tissue-specific manner. <i>Scientific Reports</i> , 2020, 10, 8485.	3.3	10
31	Schistosomal colonic polyposis in an HIV-positive man. <i>Aids</i> , 2007, 21, 386-388.	2.2	9
32	ADA2 deficiency complicated by EBV-driven lymphoproliferative disease. <i>Clinical Immunology</i> , 2020, 215, 108443.	3.2	9
33	Uniform and amorphous rifampicin microspheres obtained by freezing induced LLPS during lyophilization. <i>International Journal of Pharmaceutics</i> , 2015, 495, 500-507.	5.2	8
34	Should masks be worn outdoors?. <i>BMJ, The</i> , 2021, 373, n1036.	6.0	8
35	HspX promotes the polar localization of mycobacterial protein aggregates. <i>Scientific Reports</i> , 2019, 9, 14571.	3.3	6
36	Measurement of Specific Mycobacterial Mistranslation Rates with Gain-of-function Reporter Systems. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	6

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37	Impact of Population Mask Wearing on COVID-19 Post Lockdown. <i>Infectious Microbes & Diseases</i> , 2020, 2, 115-117.	1.3	6
38	Clinically Relevant Mutations of Mycobacterial GatCAB Inform Regulation of Translational Fidelity. <i>MBio</i> , 2021, 12, e0110021.	4.1	6
39	Forward Genetics Reveals a gatC-gatA Fusion Polypeptide Causes Mistranslation and Rifampicin Tolerance in <i>Mycobacterium smegmatis</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 577756.	3.5	6
40	Over-Expression of the Mycobacterial Trehalose-Phosphate Phosphatase OtsB2 Results in a Defect in Macrophage Phagocytosis Associated with Increased Mycobacterial-Macrophage Adhesion. <i>Frontiers in Microbiology</i> , 2016, 7, 1754.	3.5	5
41	Most-Probable-Number-Based Minimum Duration of Killing Assay for Determining the Spectrum of Rifampicin Susceptibility in Clinical <i>Mycobacterium tuberculosis</i> Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	5
42	A 58-Year-Old Woman with Abdominal Symptoms and Elevated C-Reactive Protein. <i>PLoS Medicine</i> , 2008, 5, e149.	8.4	3
43	Tuberculosis: Hey There, Lonely Guy!. <i>Molecular Cell</i> , 2015, 57, 951-952.	9.7	2
44	Whole-genome sequencing for the diagnosis of drug-resistant tuberculosis. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 17.	9.1	2
45	More than merely drug resistance. <i>Nature Microbiology</i> , 2018, 3, 1078-1079.	13.3	2
46	100 years of antibody solitude in TB. <i>Nature Immunology</i> , 2021, 22, 1470-1471.	14.5	2
47	Nanotubes: Shaking Hands, Talking, or Sharing?. <i>Frontiers in Microbiology</i> , 2011, 2, 95.	3.5	1
48	A pain in the neck. <i>Journal of Infection</i> , 2008, 56, 310.	3.3	0
49	Whole Genome Screens in Macrophages. , 0, , 537-543.		0