

KADAMBA PAPA VINASASUNDARAM

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,498
citations

516710

16
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

1926
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Mycobacterium tuberculosis</i> Virulence Is Mediated by PtpA Dephosphorylation of Human Vacuolar Protein Sorting 33B. <i>Cell Host and Microbe</i> , 2008, 3, 316-322.	11.0	281
2	A Phosphorylated Pseudokinase Complex Controls Cell Wall Synthesis in <i>Mycobacteria</i> . <i>Science Signaling</i> , 2012, 5, ra7.	3.6	151
3	<i>Mycobacterium tuberculosis</i> is protected from NADPH oxidase and LC3-associated phagocytosis by the LCP protein CpsA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8711-E8720.	7.1	138
4	Deletion of the <i>Mycobacterium tuberculosis</i> <i>pknH</i> Gene Confers a Higher Bacillary Load during the Chronic Phase of Infection in BALB/c Mice. <i>Journal of Bacteriology</i> , 2005, 187, 5751-5760.	2.2	113
5	<i>Mycobacterium tuberculosis</i> Induces an Atypical Cell Death Mode to Escape from Infected Macrophages. <i>PLoS ONE</i> , 2011, 6, e18367.	2.5	108
6	Silencing of Oxidative Stress Response in <i>Mycobacterium tuberculosis</i> : Expression Patterns of <i>ahpC</i> in Virulent and Avirulent Strains and Effect of <i>ahpC</i> Inactivation. <i>Infection and Immunity</i> , 2001, 69, 5967-5973.	2.2	96
7	The functions of <i>OmpATb</i> , a pore-forming protein of <i>Mycobacterium tuberculosis</i> . <i>Molecular Microbiology</i> , 2002, 46, 191-201.	2.5	96
8	Convergence of Ser/Thr and Two-component Signaling to Coordinate Expression of the Dormancy Regulon in <i>Mycobacterium tuberculosis</i> *. <i>Journal of Biological Chemistry</i> , 2010, 285, 29239-29246.	3.4	94
9	Construction and complementation of a <i>recA</i> deletion mutant of <i>Mycobacterium smegmatis</i> reveals that the intein in <i>Mycobacterium tuberculosis</i> <i>recA</i> does not affect RecA function. <i>Molecular Microbiology</i> , 1998, 30, 525-534.	2.5	77
10	DNA damage induction of <i>recA</i> in <i>Mycobacterium tuberculosis</i> independently of RecA and LexA. <i>Molecular Microbiology</i> , 2002, 46, 791-800.	2.5	66
11	Crystal structure of the transcription elongation/anti-termination factor NusA from <i>Mycobacterium tuberculosis</i> at 1.7 Å... resolution. <i>Journal of Molecular Biology</i> , 2001, 314, 1087-1095.	4.2	57
12	<i>Mycobacterium bovis</i> BCG <i>recA</i> Deletion Mutant Shows Increased Susceptibility to DNA-Damaging Agents but Wild-Type Survival in a Mouse Infection Model. <i>Infection and Immunity</i> , 2001, 69, 3562-3568.	2.2	57
13	Novel substrates of <i>Mycobacterium tuberculosis</i> <i>PknH</i> Ser/Thr kinase. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 162-168.	2.1	44
14	DNA Alkylation Damage as a Sensor of Nitrosative Stress in <i>Mycobacterium tuberculosis</i> . <i>Infection and Immunity</i> , 2003, 71, 997-1000.	2.2	41
15	The AraC Family Transcriptional Regulator <i>Rv1931c</i> Plays a Role in the Virulence of <i>Mycobacterium tuberculosis</i> . <i>Infection and Immunity</i> , 2004, 72, 5483-5486.	2.2	31
16	Chemical genetic interaction mapping links carbon metabolism and cell wall structure to tuberculosis drug efficacy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2201632119.	7.1	20
17	The <i>Neurospora crassa</i> <i>erg3</i> gene encodes a protein with sequence homology to both yeast sterol C-14 reductase and chicken lamin B receptor. <i>Journal of Genetics</i> , 1994, 73, 33-41.	0.7	19
18	Host immunity increases <i>Mycobacterium tuberculosis</i> reliance on cytochrome <i>bd</i> oxidase. <i>PLoS Pathogens</i> , 2021, 17, e1008911.	4.7	8

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19	Crystallization and preliminary X-ray diffraction studies on the N-utilizing substance A (NusA) from <i>Mycobacterium tuberculosis</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2001, 57, 1187-1188.	2.5	1