KADAMBA PAPAVINASASUNDARAM

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	Chemicalâ€“genetic interaction mapping links carbon metabolism and cell wall structure to tuberculosis drug efficacy. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2201632119.	7.1	20
2	Host immunity increases Mycobacterium tuberculosis reliance on cytochrome bd oxidase. PLoS Pathogens, 2021, 17, e1008911.	4.7	8
3	Mycobacterium tuberculosis is protected from NADPH oxidase and LC3-associated phagocytosis by the LCP protein CpsA. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8711-E8720.	7.1	138
4	A Phosphorylated Pseudokinase Complex Controls Cell Wall Synthesis in Mycobacteria. Science Signaling, 2012, 5, ra7.	3.6	151
5	Mycobacterium tuberculosis Induces an Atypical Cell Death Mode to Escape from Infected Macrophages. PLoS ONE, 2011, 6, e18367.	2.5	108
6	Convergence of Ser/Thr and Two-component Signaling to Coordinate Expression of the Dormancy Regulon in Mycobacterium tuberculosis*. Journal of Biological Chemistry, 2010, 285, 29239-29246.	3.4	94
7	Mycobacterium tuberculosis Virulence Is Mediated by PtpA Dephosphorylation of Human Vacuolar Protein Sorting 33B. Cell Host and Microbe, 2008, 3, 316-322.	11.0	281
8	Novel substrates of Mycobacterium tuberculosis PknH Ser/Thr kinase. Biochemical and Biophysical Research Communications, 2007, 355, 162-168.	2.1	44
9	Deletion of the Mycobacterium tuberculosis pknH Gene Confers a Higher Bacillary Load during the Chronic Phase of Infection in BALB/c Mice. Journal of Bacteriology, 2005, 187, 5751-5760.	2.2	113
10	The AraC Family Transcriptional Regulator Rv1931c Plays a Role in the Virulence of Mycobacterium tuberculosis. Infection and Immunity, 2004, 72, 5483-5486.	2.2	31
11	DNA Alkylation Damage as a Sensor of Nitrosative Stress in Mycobacterium tuberculosis. Infection and Immunity, 2003, 71, 997-1000.	2.2	41
12	The functions of OmpATb, a pore-forming protein of Mycobacterium tuberculosis. Molecular Microbiology, 2002, 46, 191-201.	2.5	96
13	DNA damage induction of recA in Mycobacterium tuberculosis independently of RecA and LexA. Molecular Microbiology, 2002, 46, 791-800.	2.5	66
14	Crystal structure of the transcription elongation/anti-termination factor NusA from Mycobacterium tuberculosis at 1.7 Ã... resolution. Journal of Molecular Biology, 2001, 314, 1087-1095.	4.2	57
15	Crystallization and preliminary X-ray diffraction studies on the N-utilizing substance A (NusA) fromMycobacterium tuberculosis. Acta Crystallographica Section D: Biological Crystallography, 2001, 57, 1187-1188.	2.5	1
16	Silencing of Oxidative Stress Response in Mycobacterium tuberculosis : Expression Patterns of ahpC in Virulent and Avirulent Strains and Effect of ahpC Inactivation. Infection and Immunity, 2001, 69, 5967-5973.	2.2	96
17	Mycobacterium bovis BCG recADeletion Mutant Shows Increased Susceptibility to DNA-Damaging Agents but Wild-Type Survival in a Mouse Infection Model. Infection and Immunity, 2001, 69, 3562-3568.	2.2	57
18	Construction and complementation of a recA deletion mutant of Mycobacterium smegmatis reveals that the intein in Mycobacterium tuberculosis recA does not affect RecA function. Molecular Microbiology, 1998, 30, 525-534.	2.5	77

#	Article	IF	Citations
19	TheNeurospora crassa erg3 gene encodes a protein with sequence homology to both yeast sterol C-14 reductase and chicken lamin B receptor. Journal of Genetics, 1994, 73, 33-41.	0.7	19