

# Nishad Matange

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3806953/publications.pdf>

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13  
papers

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citations

1040056

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1199594

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docs citations

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times ranked

446  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mycobacterial Cyclic AMP Phosphodiesterase That Moonlights as a Modifier of Cell Wall Permeability. <i>Journal of Biological Chemistry</i> , 2009, 284, 32846-32857.	3.4	62
2	Genomic mapping of cAMP receptor protein (CRP <sup>Mt</sup> ) in <i>Mycobacterium tuberculosis</i> : relation to transcriptional start sites and the role of CRP <sup>Mt</sup> as a transcription factor. <i>Nucleic Acids Research</i> , 2014, 42, 8320-8329.	14.5	54
3	Metallophosphoesterases: structural fidelity with functional promiscuity. <i>Biochemical Journal</i> , 2015, 467, 201-216.	3.7	48
4	Revisiting bacterial cyclic nucleotide phosphodiesterases: cyclic AMP hydrolysis and beyond. <i>FEMS Microbiology Letters</i> , 2015, 362, fnv183.	1.8	28
5	Linking carbon metabolism to carotenoid production in mycobacteria using Raman spectroscopy. <i>FEMS Microbiology Letters</i> , 2015, 362, 1-6.	1.8	24
6	Adaptation and compensation in a bacterial gene regulatory network evolving under antibiotic selection. <i>ELife</i> , 2021, 10, .	6.0	15
7	Overexpression of the Rv0805 phosphodiesterase elicits a cAMP-independent transcriptional response. <i>Tuberculosis</i> , 2013, 93, 492-500.	1.9	13
8	Highly Contingent Phenotypes of Lon Protease Deficiency in <i>Escherichia coli</i> upon Antibiotic Challenge. <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	13
9	The Non-catalytic cAMP Domain of a Mycobacterial Metallophosphoesterase Regulates Its Expression and Localization in the Cell. <i>Journal of Biological Chemistry</i> , 2014, 289, 22470-22481.	3.4	11
10	Adaptation Through Lifestyle Switching Sculpt the Fitness Landscape of Evolving Populations: Implications for the Selection of Drug-Resistant Bacteria at Low Drug Pressures. <i>Genetics</i> , 2019, 211, 1029-1044.	2.9	9
11	Trade-offs with stability modulate innate and mutationally acquired drug resistance in bacterial dihydrofolate reductase enzymes. <i>Biochemical Journal</i> , 2018, 475, 2107-2125.	3.7	8
12	Deorphanizing NUDIX hydrolases from <i>Trypanosoma</i> : tantalizing links with metabolic regulation and stress tolerance. <i>Bioscience Reports</i> , 2019, 39, .	2.4	2
13	Stability-function trade-offs during the evolution of antimicrobial resistance. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0