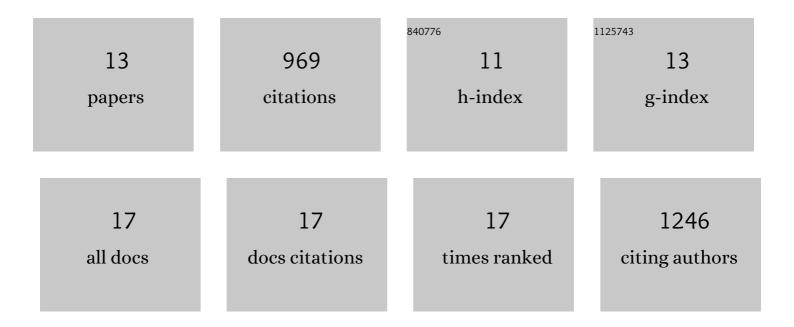
Jayashree Ray

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11032989/publications.pdf Version: 2024-02-01



INVACHDEE PAV

#	Article	IF	CITATIONS
1	Mutant phenotypes for thousands of bacterial genes of unknown function. Nature, 2018, 557, 503-509.	27.8	433
2	A metabolic pathway for catabolizing levulinic acid in bacteria. Nature Microbiology, 2017, 2, 1624-1634.	13.3	86
3	Functional genetics of human gut commensal Bacteroides thetaiotaomicron reveals metabolic requirements for growth across environments. Cell Reports, 2021, 34, 108789.	6.4	82
4	The genetic basis of energy conservation in the sulfate-reducing bacterium Desulfovibrio alaskensis G20. Frontiers in Microbiology, 2014, 5, 577.	3.5	61
5	Functional Genomics with a Comprehensive Library of Transposon Mutants for the Sulfate-Reducing Bacterium Desulfovibrio alaskensis G20. MBio, 2014, 5, e01041-14.	4.1	56
6	Molybdenum Availability Is Key to Nitrate Removal in Contaminated Groundwater Environments. Applied and Environmental Microbiology, 2015, 81, 4976-4983.	3.1	49
7	The energyâ€conserving electron transfer system used by <scp><i>D</i>,scp><i>esulfovibrio alaskensis</i> strain <scp>G</scp>20 during pyruvate fermentation involves reduction of endogenously formed fumarate and cytoplasmic and membraneâ€bound complexes, <scp>Hdrâ€Flox</scp> and <scp>Rnf</scp>. Environmental Microbiology, 2014, 16, 3463-3486.</scp>	3.8	36
8	Oxidative Pathways of Deoxyribose and Deoxyribonate Catabolism. MSystems, 2019, 4, .	3.8	34
9	Magic Pools: Parallel Assessment of Transposon Delivery Vectors in Bacteria. MSystems, 2018, 3, .	3.8	31
10	Complete Genome Sequence of Cupriavidus basilensis 4G11, Isolated from the Oak Ridge Field Research Center Site. Genome Announcements, 2015, 3, .	0.8	23
11	Exometabolomics Assisted Design and Validation of Synthetic Obligate Mutualism. ACS Synthetic Biology, 2016, 5, 569-576.	3.8	23
12	Genomeâ€wide identification of fitness determinants in the <i>Xanthomonas campestris</i> bacterial pathogen during early stages of plant infection. New Phytologist, 2022, 236, 235-248.	7.3	8
13	Deletion Mutants, Archived Transposon Library, and Tagged Protein Constructs of the Model Sulfate-Reducing Bacterium Desulfovibrio vulgaris Hildenborough. Microbiology Resource Announcements, 2021, 10, .	0.6	6