

Johannes Hartl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1662806/publications.pdf>

Version: 2024-02-01

12
papers

465
citations

933447

10
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

744
citing authors

#	ARTICLE	IF	CITATIONS
1	Methanol-essential growth of <i>Escherichia coli</i> . <i>Nature Communications</i> , 2018, 9, 1508.	12.8	119
2	MitoLoc: A method for the simultaneous quantification of mitochondrial network morphology and membrane potential in single cells. <i>Mitochondrion</i> , 2015, 24, 77-86.	3.4	68
3	Import of Aspartate and Malate by DcuABC Drives H ₂ /Fumarate Respiration to Promote Initial <i>Salmonella</i> Gut-Lumen Colonization in Mice. <i>Cell Host and Microbe</i> , 2020, 27, 922-936.e6.	11.0	58
4	Microbial communities form rich extracellular metabolomes that foster metabolic interactions and promote drug tolerance. <i>Nature Microbiology</i> , 2022, 7, 542-555.	13.3	58
5	Longevity of major coenzymes allows minimal de novo synthesis in microorganisms. <i>Nature Microbiology</i> , 2017, 2, 17073.	13.3	34
6	Untargeted metabolomics links glutathione to bacterial cell cycle progression. <i>Nature Metabolism</i> , 2020, 2, 153-166.	11.9	34
7	The metabolic growth limitations of petite cells lacking the mitochondrial genome. <i>Nature Metabolism</i> , 2021, 3, 1521-1535.	11.9	29
8	Reciprocal growth control by competitive binding of nucleotide second messengers to a metabolic switch in <i>Caulobacter crescentus</i> . <i>Nature Microbiology</i> , 2021, 6, 59-72.	13.3	23
9	DynaMet: A Fully Automated Pipeline for Dynamic LC-MS Data. <i>Analytical Chemistry</i> , 2015, 87, 9679-9686.	6.5	17
10	Molecular Basis of Growth Inhibition by Acetate of an Adenylate Cyclase-Deficient Mutant of <i>Corynebacterium glutamicum</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 87.	3.5	11
11	Slow Growth and Increased Spontaneous Mutation Frequency in Respiratory Deficient <i>af01</i> -Yeast Suppressed by a Dominant Mutation in <i>ATP3</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 4637-4648.	1.8	7
12	Built to last – Über die intrazelluläre Stabilität von Koenzymen. <i>BioSpektrum</i> , 2018, 24, 138-141.	0.0	0