

Mohammad Tauqeer Alam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5684535/publications.pdf>

Version: 2024-02-01

18
papers

1,911
citations

687363

13
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

3729
citing authors

#	ARTICLE	IF	CITATIONS
1	The return of metabolism: biochemistry and physiology of the pentose phosphate pathway. <i>Biological Reviews</i> , 2015, 90, 927-963.	10.4	908
2	Microbial imbalance in inflammatory bowel disease patients at different taxonomic levels. <i>Gut Pathogens</i> , 2020, 12, 1.	3.4	230
3	Functional Metabolomics Describes the Yeast Biosynthetic Regulome. <i>Cell</i> , 2016, 167, 553-565.e12.	28.9	137
4	Unbiased Metabolomic Investigation of Alzheimer's Disease Brain Points to Dysregulation of Mitochondrial Aspartate Metabolism. <i>Journal of Proteome Research</i> , 2016, 15, 608-618.	3.7	107
5	Lysine harvesting is an antioxidant strategy and triggers underground polyamine metabolism. <i>Nature</i> , 2019, 572, 249-253.	27.8	99
6	The self-inhibitory nature of metabolic networks and its alleviation through compartmentalization. <i>Nature Communications</i> , 2017, 8, 16018.	12.8	95
7	The metabolic background is a global player in <i>Saccharomyces</i> gene expression epistasis. <i>Nature Microbiology</i> , 2016, 1, 15030.	13.3	76
8	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
9	Low Vitamin B12 in Pregnancy Is Associated With Adipose-Derived Circulating miRs Targeting PPAR β and Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4200-4209.	3.6	56
10	Genome-based phylogenetic analysis of <i>Streptomyces</i> and its relatives. <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 763-772.	2.7	40
11	Comparative genome-scale metabolic modeling of actinomycetes: The topology of essential core metabolism. <i>FEBS Letters</i> , 2011, 585, 2389-2394.	2.8	29
12	The type VII secretion system protects <i>Staphylococcus aureus</i> against antimicrobial host fatty acids. <i>Scientific Reports</i> , 2020, 10, 14838.	3.3	23
13	Cellular reactions to long-term volatile organic compound (VOC) exposures. <i>Scientific Reports</i> , 2016, 6, 37842.	3.3	21
14	Identification of an RNA sponge that controls the RoxS riboregulator of central metabolism in <i>Bacillus subtilis</i> . <i>Nucleic Acids Research</i> , 2021, 49, 6399-6419.	14.5	14
15	Impact of Interleukin 10 Deficiency on Intestinal Epithelium Responses to Inflammatory Signals. <i>Frontiers in Immunology</i> , 2021, 12, 690817.	4.8	13
16	Prioritizing orphan proteins for further study using phylogenomics and gene expression profiles in <i>Streptomyces coelicolor</i> . <i>BMC Research Notes</i> , 2011, 4, 325.	1.4	2
17	Posttranscriptional Regulation in Response to Different Environmental Stresses in <i>Campylobacter jejuni</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	1
18	Effects of Human RelA Transgene on Murine Macrophage Inflammatory Responses. <i>Biomedicines</i> , 2022, 10, 757.	3.2	0