

Karen Methling

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

611
citations

933447

10
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

952
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights in ChAdOx1 nCoV-19 vaccine-induced immune thrombotic thrombocytopenia. <i>Blood</i> , 2021, 138, 2256-2268.	1.4	228
2	Characterization and prediction of the mechanism of action of antibiotics through NMR metabolomics. <i>BMC Microbiology</i> , 2016, 16, 82.	3.3	91
3	Proteomic Identification of Oxidized Proteins in <i>Entamoeba histolytica</i> by Resin-Assisted Capture: Insights into the Role of Arginase in Resistance to Oxidative Stress. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004340.	3.0	40
4	The serine/threonine kinase Stk and the phosphatase Stp regulate cell wall synthesis in <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2018, 8, 13693.	3.3	33
5	<i>Bacillus pumilus</i> Reveals a Remarkably High Resistance to Hydrogen Peroxide Provoked Oxidative Stress. <i>PLoS ONE</i> , 2014, 9, e85625.	2.5	31
6	Pathogenesis of vaccine-induced immune thrombotic thrombocytopenia (VITT). <i>Seminars in Hematology</i> , 2022, 59, 97-107.	3.4	30
7	<i>Escherichia coli</i> mediated resistance of <i>Entamoeba histolytica</i> to oxidative stress is triggered by oxaloacetate. <i>PLoS Pathogens</i> , 2018, 14, e1007295.	4.7	28
8	N-acetyl ornithine deacetylase is a moonlighting protein and is involved in the adaptation of <i>Entamoeba histolytica</i> to nitrosative stress. <i>Scientific Reports</i> , 2016, 6, 36323.	3.3	22
9	Carbon Source-Dependent Reprogramming of Anaerobic Metabolism in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2021, 203, .	2.2	17
10	A Multi-Omics Protocol for Swine Feces to Elucidate Longitudinal Dynamics in Microbiome Structure and Function. <i>Microorganisms</i> , 2020, 8, 1887.	3.6	15
11	Metabolic inventory of <i>Streptococcus pneumoniae</i> growing in a chemical defined environment. <i>International Journal of Medical Microbiology</i> , 2018, 308, 705-712.	3.6	13
12	Eicosanoid Profile of Influenza A Virus Infected Pigs. <i>Metabolites</i> , 2019, 9, 130.	2.9	10
13	The Absence of Pyruvate Kinase Affects Glucose-Dependent Carbon Catabolite Repression in <i>Bacillus subtilis</i> . <i>Metabolites</i> , 2019, 9, 216.	2.9	9
14	<i>Staphylococcus aureus</i> Infection Reduces Nutrition Uptake and Nucleotide Biosynthesis in a Human Airway Epithelial Cell Line. <i>Metabolites</i> , 2016, 6, 41.	2.9	8
15	Genetic Regulation of Liver Metabolites and Transcripts Linking to Biochemical-Clinical Parameters. <i>Frontiers in Genetics</i> , 2019, 10, 348.	2.3	8
16	16HBE Cell Lipid Mediator Responses to Mono and Co-Infections with Respiratory Pathogens. <i>Metabolites</i> , 2020, 10, 113.	2.9	8
17	Inflammatory Joint Disease Is a Risk Factor for Streptococcal Sepsis and Septic Arthritis in Mice. <i>Frontiers in Immunology</i> , 2020, 11, 579475.	4.8	7
18	Exploring metabolic adaptation of <i>Streptococcus pneumoniae</i> to antibiotics. <i>Journal of Antibiotics</i> , 2020, 73, 441-454.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Bronchial Epithelial Cells Accumulate Citrate Intracellularly in Response to Pneumococcal Hydrogen Peroxide. ACS Infectious Diseases, 2021, 7, 2971-2978.	3.8	3
20	Connecting Algal Polysaccharide Degradation to Formaldehyde Detoxification. ChemBioChem, 2022, 23, .	2.6	3
21	Bioactive lipid screening during respiratory tract infections with bacterial and viral pathogens in mice. Metabolomics, 2022, 18, .	3.0	2