Michal Letek

List of Publications by Year
in descending order

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48 papers	1,809 citations	331642 21 h-index	276858 41 g-index
50 all docs	50 docs citations	50 times ranked	4246 citing authors

#	Article	IF	Citations
1	Analysis of Genes Involved in Arsenic Resistance in Corynebacterium glutamicum ATCC 13032. Applied and Environmental Microbiology, 2005, 71, 6206-6215.	3.1	145
2	The Genome of a Pathogenic Rhodococcus: Cooptive Virulence Underpinned by Key Gene Acquisitions. PLoS Genetics, 2010, 6, e1001145.	3.5	143
3	DivIVA Is Required for Polar Growth in the MreB-Lacking Rod-Shaped ActinomyceteCorynebacterium glutamicum. Journal of Bacteriology, 2008, 190, 3283-3292.	2.2	125
4	Assemblies of DivIVA Mark Sites for Hyphal Branching and Can Establish New Zones of Cell Wall Growth inStreptomyces coelicolor. Journal of Bacteriology, 2008, 190, 7579-7583.	2.2	123
5	Corynebacterium glutamicum as a model bacterium for the bioremediation of arsenic. International Microbiology, 2006, 9, 207-15.	2.4	104
6	BH3-only proteins are part of a regulatory network that control the sustained signalling of the unfolded protein response sensor IRE1Î±. EMBO Journal, 2012, 31, 2322-2335.	7.8	99
7	Characterization and Use of Catabolite-Repressed Promoters from Gluconate Genes in Corynebacterium glutamicum. Journal of Bacteriology, 2006, 188, 409-423.	2.2	96
8	TMEM59 defines a novel ATG16L1-binding motif that promotes local activation of LC3. EMBO Journal, 2013, 32, 566-582.	7.8	95
9	Arsenate Reductase, Mycothiol, and Mycoredoxin Concert Thiol/Disulfide Exchange. Journal of Biological Chemistry, 2009, 284, 15107-15116.	3.4	93
10	Evolution of theRhodococcus equi vapPathogenicity Island Seen through Comparison of Host-AssociatedvapAandvapBVirulence Plasmids. Journal of Bacteriology, 2008, 190, 5797-5805.	2.2	91
11	Cell growth and cell division in the rod-shaped actinomycete Corynebacterium glutamicum. Antonie Van Leeuwenhoek, 2008, 94, 99-109.	1.7	56
12	Intracellular Staphylococcus aureus Modulates Host Central Carbon Metabolism To Activate Autophagy. MSphere, 2018, 3, .	2.9	56
13	The MurC Ligase Essential for Peptidoglycan Biosynthesis Is Regulated by the Serine/Threonine Protein Kinase PknA in Corynebacterium glutamicum. Journal of Biological Chemistry, 2008, 283, 36553-36563.	3.4	55
14	Characterization of HMW-PBPs from the rod-shaped actinomycete Corynebacterium glutamicum: peptidoglycan synthesis in cells lacking actin-like cytoskeletal structures. Molecular Microbiology, 2007, 66, 643-657.	2.5	48
15	The Arsenic Detoxification System in Corynebacteria. Advances in Applied Microbiology, 2017, 99, 103-137.	2.4	48
16	Altered morphology produced by ftsZ expression in Corynebacterium glutamicum ATCC 13869. Microbiology (United Kingdom), 2005, 151, 2563-2572.	1.8	40
17	Oxidative Stress-Generating Antimicrobials, a Novel Strategy to Overcome Antibacterial Resistance. Antioxidants, 2020, 9, 361.	5.1	38
18	Phosphorylation of a Novel Cytoskeletal Protein (RsmP) Regulates Rod-shaped Morphology in Corynebacterium glutamicum. Journal of Biological Chemistry, 2010, 285, 29387-29397.	3.4	34

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19	Acetaminophen cytotoxicity in HepG2 cells is associated with a decoupling of glycolysis from the TCA cycle, loss of NADPH production, and suppression of anabolism. Archives of Toxicology, 2019, 93, 341-353.	4.2	29
20	Morphological changes and proteome response of Corynebacterium glutamicum to a partial depletion of FtsI. Microbiology (United Kingdom), 2006, 152, 2491-2503.	1.8	25
21	Domains involved in thein vivofunction and oligomerization of apical growth determinant DivIVA inStreptomyces coelicolor. FEMS Microbiology Letters, 2009, 297, 101-109.	1.8	25
22	Novel Treatments against Mycobacterium tuberculosis Based on Drug Repurposing. Antibiotics, 2020, 9, 550.	3.7	21
23	Host-directed kinase inhibitors act as novel therapies against intracellular Staphylococcus aureus. Scientific Reports, 2019, 9, 4876.	3.3	20
24	Characterization of the promoter region of ftsZ from Corynebacterium glutamicum and controlled overexpression of FtsZ. International Microbiology, 2007, 10, 271-82.	2.4	20
25	Identification of the emerging skin pathogenCorynebacterium amycolatumusing PCR-amplification of the essentialdivIVAgene as a target. FEMS Microbiology Letters, 2006, 265, 256-263.	1.8	19
26	DivIVA uses an N-terminal conserved region and two coiled-coil domains to localize and sustain the polar growth inCorynebacterium glutamicum. FEMS Microbiology Letters, 2009, 297, 110-116.	1.8	17
27	Retention of inorganic arsenic by coryneform mutant strains. Water Research, 2007, 41, 531-542.	11.3	16
28	Repetitive Exposure of IL-17 Into the Murine Air Pouch Favors the Recruitment of Inflammatory Monocytes and the Release of IL-16 and TREM-1 in the Inflammatory Fluids. Frontiers in Immunology, 2018, 9, 2752.	4.8	14
29	Intracellular Staphylococcus aureus Elicits the Production of Host Very Long-Chain Saturated Fatty Acids with Antimicrobial Activity. Metabolites, 2019, 9, 148.	2.9	14
30	Cytoskeletal Proteins ofActinobacteria. International Journal of Cell Biology, 2012, 2012, 1-10.	2.5	12
31	Novel Treatments and Preventative Strategies Against Food-Poisoning Caused by Staphylococcal Species. Pathogens, 2021, 10, 91.	2.8	10
32	Identification of novel targets for host-directed therapeutics against intracellular Staphylococcus aureus. Scientific Reports, 2019, 9, 15435.	3.3	9
33	Host-Targeted Therapeutics against Multidrug Resistant Intracellular Staphylococcus aureus. Antibiotics, 2019, 8, 241.	3.7	9
34	Rhodococcus equi and Its Pathogenic Mechanisms. Microbiology Monographs, 2010, , 331-359.	0.6	8
35	Mycoredoxins Are Required for Redox Homeostasis and Intracellular Survival in the Actinobacterial Pathogen Rhodococcus equi. Antioxidants, 2019, 8, 558.	5.1	8
36	A Novel Screening Strategy Reveals ROS-Generating Antimicrobials That Act Synergistically against the Intracellular Veterinary Pathogen Rhodococcus equi. Antioxidants, 2020, 9, 114.	5.1	8

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37	Comparative Evaluation of the Antimicrobial and Mucus Induction Properties of Selected Bacillus Strains against Enterotoxigenic Escherichia coli. Antibiotics, 2020, 9, 849.	3.7	7
38	Alexander Fleming, The Discoverer of the Antibiotic Effects of Penicillin. Frontiers for Young Minds, 0, 7, .	0.8	6
39	Understanding microRNAs in the Context of Infection to Find New Treatments against Human Bacterial Pathogens. Antibiotics, 2022, 11, 356.	3.7	5
40	Alternative Anti-Infective Treatments to Traditional Antibiotherapy against Staphylococcal Veterinary Pathogens. Antibiotics, 2020, 9, 702.	3.7	4
41	The extracellular thioredoxin Etrx3 is required for macrophage infection in Rhodococcus equi. Veterinary Research, 2020, 51, 38.	3.0	3
42	Cell Division Mechanism of Corynebacterium glutamicum. Microbiology Monographs, 2013, , 391-407.	0.6	2
43	Genetic Analysis and Manipulation of Polyene Antibiotic Gene Clusters as a Way to Produce More Effective Antifungal Compounds. , 2014, , 177-214.		2
44	Characterization of HMW-PBPs from the rod-shaped actinomycete Corynebacterium glutamicum: peptidoglycan synthesis in cells lacking actin-like cytoskeletal structures. Molecular Microbiology, 2007, .	2.5	2
45	Novel Methods to Identify Oxidative Stress-Producing Antibiotics. Methods in Molecular Biology, 2021, 2296, 249-261.	0.9	1
46	Drug Repurposing: A Quick and Easy Way of Finding New Medicines. Frontiers for Young Minds, 0, 8, .	0.8	1
47	Atopobium. , 2011, , 59-72.		1
48	Food-Grade Corynebacteria for Enzyme Production. , 2005, , 115-139.		0