Bart A Eijkelkamp

List of Publications by Year
in descending order

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44	2,440	218592	243529
papers	citations	26 h-index	44 g-index

48	48	48	2630
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of the human pathogen Acinetobacter baumannii under iron limiting conditions. BMC Genomics, 2011, 12, 126.	1.2	215
2	Adherence and motility characteristics of clinical Acinetobacter baumannii isolates. FEMS Microbiology Letters, 2011, 323, 44-51.	0.7	168
3	Comparative analysis of surface-exposed virulence factors of Acinetobacter baumannii. BMC Genomics, 2014, 15, 1020.	1.2	149
4	Transcriptomic and biochemical analyses identify a family of chlorhexidine efflux proteins. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20254-20259.	3.3	138
5	Extracellular Zinc Competitively Inhibits Manganese Uptake and Compromises Oxidative Stress Management in Streptococcus pneumoniae. PLoS ONE, 2014, 9, e89427.	1.1	127
6	ZnuA and zinc homeostasis in Pseudomonas aeruginosa. Scientific Reports, 2015, 5, 13139.	1.6	126
7	Dysregulation of transition metal ion homeostasis is the molecular basis for cadmium toxicity in Streptococcus pneumoniae. Nature Communications, 2015, 6, 6418.	5.8	117
8	Maintenance of Long-Range DNA Interactions after Inhibition of Ongoing RNA Polymerase II Transcription. PLoS ONE, 2008, 3, e1661.	1.1	114
9	<scp>AdcA</scp> and <scp>AdcAII</scp> employ distinct zinc acquisition mechanisms and contribute additively to zinc homeostasis in <scp>S</scp>treptococcus pneumoniae. Molecular Microbiology, 2014, 91, 834-851.	1.2	108
10	H-NS Plays a Role in Expression of Acinetobacter baumannii Virulence Features. Infection and Immunity, 2013, 81, 2574-2583.	1.0	100
11	Multiple Cases of Familial Transmission of Community-Acquired Methicillin-Resistant Staphylococcus aureus. Journal of Clinical Microbiology, 2006, 44, 2994-2996.	1.8	94
12	The Complete Genome and Phenome of a Community-Acquired Acinetobacter baumannii. PLoS ONE, 2013, 8, e58628.	1.1	93
13	Identification of genes essential for pellicle formation in Acinetobacter baumannii. BMC Microbiology, 2015, 15, 116.	1.3	90
14	Physiological Functions of Bacterial â€œMultidrugâ€•Efflux Pumps. Chemical Reviews, 2021, 121, 5417-5478.	23.0	78
15	Manganese uptake and streptococcal virulence. BioMetals, 2015, 28, 491-508.	1.8	59
16	Zinc stress induces copper depletion in Acinetobacter baumannii. BMC Microbiology, 2017, 17, 59.	1.3	55
17	Dietary zinc and the control of Streptococcus pneumoniae infection. PLoS Pathogens, 2019, 15, e1007957.	2.1	49
18	Acquisition and Role of Molybdate in Pseudomonas aeruginosa. Applied and Environmental Microbiology, 2014, 80, 6843-6852.	1.4	43

#	Article	IF	Citations
19	Identification of Novel Acinetobacter baumannii Host Fatty Acid Stress Adaptation Strategies. MBio, 2019, 10, .	1.8	43
20	Overlapping Functionality of the Pht Proteins in Zinc Homeostasis of Streptococcus pneumoniae. Infection and Immunity, 2014, 82, 4315-4324.	1.0	42
21	Arachidonic Acid Stress Impacts Pneumococcal Fatty Acid Homeostasis. Frontiers in Microbiology, 2018, 9, 813.	1.5	42
22	The zinc efflux activator <scp>S</scp>cz<scp>A</scp> protects <scp>S</scp>treptococcus pneumoniae serotype 2 <scp>D</scp>39 from intracellular zinc toxicity. Molecular Microbiology, 2017, 104, 636-651.	1.2	40
23	The First Histidine Triad Motif of PhtD Is Critical for Zinc Homeostasis in Streptococcus pneumoniae. Infection and Immunity, 2016, 84, 407-415.	1.0	38
24	The Role of the CopA Copper Efflux System in Acinetobacter baumannii Virulence. International Journal of Molecular Sciences, 2019, 20, 575.	1.8	35
25	Roles of DHA2 Family Transporters in Drug Resistance and Iron Homeostasis in Acinetobacter spp.. Journal of Molecular Microbiology and Biotechnology, 2011, 20, 116-124.	1.0	34
26	Microstructured Optical Fiber-based Biosensors: Reversible and Nanoliter-Scale Measurement of Zinc Ions. ACS Applied Materials & Interfaces, 2016, 8, 12727-12732.	4.0	32
27	Bacterial adaptation strategies to host-derived fatty acids. Trends in Microbiology, 2022, 30, 241-253.	3.5	24
28	The Role of Zinc Efflux during Acinetobacter baumannii Infection. ACS Infectious Diseases, 2020, 6, 150-158.	1.8	21
29	Cadmium stress dictates central carbon flux and alters membrane composition in Streptococcus pneumoniae. Communications Biology, 2020, 3, 694.	2.0	19
30	To Make or Take: Bacterial Lipid Homeostasis during Infection. MBio, 2021, 12, e0092821.	1.8	19
31	Dysregulation of Streptococcus pneumoniae zinc homeostasis breaks ampicillin resistance in a pneumonia infection model. Cell Reports, 2022, 38, 110202.	2.9	18
32	The Membrane Composition Defines the Spatial Organization and Function of a Major Acinetobacter baumannii Drug Efflux System. MBio, 2021, 12, e0107021.	1.8	14
33	The Acinetobacter baumannii Autotransporter Adhesin Ata Recognizes Host Glycans as High-Affinity Receptors. ACS Infectious Diseases, 2021, 7, 2352-2361.	1.8	12
34	Structure and Metal Binding Properties of Chlamydia trachomatis YtgA. Journal of Bacteriology, 2019, 202, .	1.0	11
35	The Impact of Omega-3 Fatty Acids on the Evolution of Acinetobacter baumannii Drug Resistance. Microbiology Spectrum, 2021, 9, e0145521.	1.2	11
36	Development of a High-Throughput Cloning Strategy for Characterization of Acinetobacter baumannii Drug Transporter Proteins. Journal of Molecular Microbiology and Biotechnology, 2011, 20, 211-219.	1.0	9

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37	Insights into Acinetobacter baumannii fatty acid synthesis 3-oxoacyl-ACP reductases. Scientific Reports, 2021, 11, 7050.	1.6	9
38	Acinetobacter baumannii Fatty Acid Desaturases Facilitate Survival in Distinct Environments. ACS Infectious Diseases, 2021, 7, 2221-2228.	1.8	9
39	The Molecular Basis of Acinetobacter baumannii Cadmium Toxicity and Resistance. Applied and Environmental Microbiology, 2021, 87, e0171821.	1.4	9
40	A fairer way to compare researchers at any career stage and in any discipline using open-access citation data. PLoS ONE, 2021, 16, e0257141.	1.1	8
41	Biotin-mediated growth and gene expression in Staphylococcus aureus is highly responsive to environmental biotin. Applied Microbiology and Biotechnology, 2018, 102, 3793-3803.	1.7	5
42	Detection of a disulphide bond and conformational changes in Shigella flexneri Wzy, and the role of cysteine residues in polymerase activity. Biochimica Et Biophysica Acta - Biomembranes, 2022, 1864, 183871.	1.4	5
43	Advanced Resistance Studies Identify Two Discrete Mechanisms in Staphylococcus aureus to Overcome Antibacterial Compounds that Target Biotin Protein Ligase. Antibiotics, 2020, 9, 165.	1.5	3
44	Dynamics of the Acinetobacter baumannii inner membrane under exogenous polyunsaturated fatty acid stress. Biochimica Et Biophysica Acta - Biomembranes, 2022, 1864, 183908.	1.4	3