

# Geertje van Keulen

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

964  
citations

933447

10  
h-index

888059

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1455  
citing authors

#	ARTICLE	IF	CITATIONS
1	SOMETHING FROM ALMOST NOTHING: Carbon Dioxide Fixation in Chemoautotrophs. Annual Review of Microbiology, 1998, 52, 191-230.	7.3	253
2	Antibiotic Overproduction in <i>Streptomyces coelicolor</i> A3(2) Mediated by Phosphofructokinase Deletion*. Journal of Biological Chemistry, 2008, 283, 25186-25199.	3.4	131
3	Back to the Future of Soil Metagenomics. Frontiers in Microbiology, 2016, 7, 73.	3.5	120
4	Two novel homologous proteins of <i>Streptomyces coelicolor</i> and <i>Streptomyces lividans</i> are involved in the formation of the rodlet layer and mediate attachment to a hydrophobic surface. Molecular Microbiology, 2002, 44, 1483-1492.	2.5	96
5	Gas vesicles in actinomycetes: old buoys in novel habitats?. Trends in Microbiology, 2005, 13, 350-354.	7.7	60
6	Production of Specialized Metabolites by <i>Streptomyces coelicolor</i> A3(2). Advances in Applied Microbiology, 2014, 89, 217-266.	2.4	52
7	The obligate aerobe <i>Streptomyces coelicolor</i> A3(2) synthesizes three active respiratory nitrate reductases. Microbiology (United Kingdom), 2010, 156, 3166-3179.	1.8	50
8	Analysis of DNA Binding and Transcriptional Activation by the LysR-Type Transcriptional Regulator CbbR of <i>Xanthobacter flavus</i> . Journal of Bacteriology, 2003, 185, 1245-1252.	2.2	45
9	The obligate aerobic actinomycete <i>Streptomyces coelicolor</i> A3(2) survives extended periods of anaerobic stress. Environmental Microbiology, 2007, 9, 3143-3149.	3.8	45
10	Differentiation and Anaerobiosis in Standing Liquid Cultures of <i>Streptomyces coelicolor</i> . Journal of Bacteriology, 2003, 185, 1455-1458.	2.2	40
11	The Family Streptomycetaceae. , 2014, , 889-1010.		19
12	<i>Xanthobacter flavus</i> employs a single triosephosphate isomerase for heterotrophic and autotrophic metabolism. Microbiology (United Kingdom), 1997, 143, 1925-1931.	1.8	12
13	Organic matter identifies the nano-mechanical properties of native soil aggregates. Nanoscale, 2018, 10, 520-525.	5.6	11
14	Effects of the Calvin Cycle on Nicotinamide Adenine Dinucleotide Concentrations and Redox Balances of <i>Xanthobacter flavus</i> . Journal of Bacteriology, 2000, 182, 4637-4639.	2.2	10
15	Deletion of the <i>yiaMNO</i> transporter genes affects the growth characteristics of <i>Escherichia coli</i> K-12. Microbiology (United Kingdom), 2005, 151, 1683-1689.	1.8	8
16	Improved method for the isolation of RNA from (standing liquid cultures of) Streptomycetes. Journal of Microbiological Methods, 2004, 58, 139-142.	1.6	6
17	An investigation of the utility of QuEChERS for extracting acid, base, neutral and amphiphilic species from example environmental and clinical matrices. Analytical Science Advances, 2020, 1, 152-160.	2.8	5
18	Improved recovery of DNA from polyacrylamide gels after in situ DNA footprinting. Journal of Microbiological Methods, 2003, 54, 289-291.	1.6	0

#	ARTICLE	IF	CITATIONS
19	Microbiology challenges and opportunities in soil health. Microbiology (United Kingdom), 2021, 167, .	1.8	0
20	Development of advanced corrosion-resistant coatings with synthetic biology-inspired protein technologies. Access Microbiology, 2019, 1, .	0.5	0
21	Understanding extraction principles underpinning historical antimicrobial drug discovery for improving rediscovery and reproducibility. Access Microbiology, 2019, 1, .	0.5	0