

# Alexander Neef

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

2,796  
citations

257450

24  
h-index

434195

31  
g-index

34  
all docs

34  
docs citations

34  
times ranked

3508  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring a widespread bacterial group: in situ detection of planctomycetes with 16S rRNA-targeted probes. <i>Microbiology (United Kingdom)</i> , 1998, 144, 3257-3266.	1.8	464
2	Novel hydrolase diversity retrieved from a metagenome library of bovine rumen microflora. <i>Environmental Microbiology</i> , 2005, 7, 1996-2010.	3.8	258
3	The HLA-DQ2 genotype selects for early intestinal microbiota composition in infants at high risk of developing coeliac disease. <i>Gut</i> , 2015, 64, 406-417.	12.1	254
4	Analysis of bacterial community structure in bulk soil by in situ hybridization. <i>Archives of Microbiology</i> , 1997, 168, 185-192.	2.2	219
5	<i>Chryseobacterium defluvii</i> sp. nov., isolated from wastewater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 93-97.	1.7	188
6	<i>Bifidobacterium pseudocatenulatum</i> CECT 7765 Reduces Obesity-Associated Inflammation by Restoring the Lymphocyte-Macrophage Balance and Gut Microbiota Structure in High-Fat Diet-Fed Mice. <i>PLoS ONE</i> , 2015, 10, e0126976.	2.5	179
7	Population analysis in a denitrifying sand filter: conventional and in situ identification of <i>Paracoccus</i> spp. in methanol-fed biofilms. <i>Applied and Environmental Microbiology</i> , 1996, 62, 4329-4339.	3.1	173
8	Evolutionary Convergence and Nitrogen Metabolism in <i>Blattabacterium</i> strain Bge, Primary Endosymbiont of the Cockroach <i>Blattella germanica</i> . <i>PLoS Genetics</i> , 2009, 5, e1000721.	3.5	134
9	Differential detection of key enzymes of polyaromatic-hydrocarbon-degrading bacteria using PCR and gene probes. <i>Microbiology (United Kingdom)</i> , 1999, 145, 1731-1741.	1.8	115
10	Modern methods in subsurface microbiology: in situ identification of microorganisms with nucleic acid probes. <i>FEMS Microbiology Reviews</i> , 1997, 20, 191-200.	8.6	89
11	Detection of sphingomonads and in situ identification in activated sludge using 16S rRNA-targeted oligonucleotide probes. <i>Journal of Industrial Microbiology and Biotechnology</i> , 1999, 23, 261-267.	3.0	85
12	Description of <i>Pseudaminobacter</i> gen. nov. with two new species, <i>Pseudaminobacter salicylatoxidans</i> sp. nov. and <i>Pseudaminobacter defluvii</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 1999, 49, 887-897.	1.7	81
13	Future for probiotic science in functional food and dietary supplement development. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013, 16, 679-687.	2.5	75
14	Denitrification in a methanol-fed fixed-bed reactor. Part 2: Composition and ecology of the bacterial community in the biofilms. <i>Water Research</i> , 1997, 31, 1903-1908.	11.3	52
15	<i>Sphingopyxis witflariensis</i> sp. nov., isolated from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 2029-2034.	1.7	44
16	rRNA based identification and detection systems for rhizobia and other bacteria. <i>Plant and Soil</i> , 1998, 204, 1-19.	3.7	42
17	<i>Novosphingobium hassiacum</i> sp. nov., a New Species Isolated from an Aerated Sewage Pond. <i>Systematic and Applied Microbiology</i> , 2002, 25, 37-45.	2.8	41
18	Biochemical and structural features of a novel cyclodextrinase from cow rumen metagenome. <i>Biotechnology Journal</i> , 2007, 2, 207-213.	3.5	39

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19	Sphingopyxis witflariensis sp. nov., isolated from activated sludge.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 2029-2034.	1.7	38
20	Detection of Microbial Cells in Aerosols Using Nucleic Acid Probes. Systematic and Applied Microbiology, 1995, 18, 113-122.	2.8	35
21	Genome Economization in the Endosymbiont of the Wood Roach Cryptocercus punctulatus Due to Drastic Loss of Amino Acid Synthesis Capabilities. Genome Biology and Evolution, 2011, 3, 1437-1448.	2.5	35
22	Yeast diversity during the fermentation of Andean chicha : A comparison of high-throughput sequencing and culture-dependent approaches. Food Microbiology, 2017, 67, 1-10.	4.2	35
23	Blattabacteria, the endosymbionts of cockroaches, have small genome sizes and high genome copy numbers. Environmental Microbiology, 2008, 10, 3417-3422.	3.8	31
24	Chelatobacter heintzii (Auling et al. 1993) is a later subjective synonym of Aminobacter aminovorans (Urakami et al. 1992). International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 835-839.	1.7	26
25	Fluorescence based rRNA sensor systems for detection of whole cells of Saccharomonospora spp. and Thermoactinomyces spp.. Biosensors and Bioelectronics, 2003, 18, 565-569.	10.1	17
26	Microbiota and volatilome of dry-cured pork loins manufactured with paprika and reduced concentration of nitrite and nitrate. Food Research International, 2021, 149, 110691.	6.2	13
27	Chelatobacter heintzii (Auling et al. 1993) is a later subjective synonym of Aminobacter aminovorans (Urakami et al. 1992).. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 835-839.	1.7	10
28	Analysis of SNP Array Abnormalities in Patients with DE NOVO Acute Myeloid Leukemia with Normal Karyotype. Scientific Reports, 2020, 10, 5904.	3.3	8
29	Modern methods in subsurface microbiology: in situ identification of microorganisms with nucleic acid probes. FEMS Microbiology Reviews, 1997, 20, 191-200.	8.6	7
30	The modular network structure of the mutational landscape of Acute Myeloid Leukemia. PLoS ONE, 2018, 13, e0202926.	2.5	5
31	Distinct mutational pattern of myelodysplastic syndromes with and without 5qâ€“ treated with lenalidomide. British Journal of Haematology, 2020, 189, e133-e137.	2.5	4
32	Comparison of the Molecular Spectrum of Lenalidomide-Treated Myelodysplastic Syndrome with and without Del(5q). Blood, 2016, 128, 3172-3172.	1.4	0
33	Clonal Hematopoiesis Landscape in Patients with De Novo Acute Myeloid Leukemia By Deep Sequencing. Blood, 2016, 128, 598-598.	1.4	0