

Jörg Peplies

List of Publications by Year in descending order

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35
papers

44,330
citations

201674

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docs citations

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times ranked

45786
citing authors

#	ARTICLE	IF	CITATIONS
1	Bile Acid Signal Molecules Associate Temporally with Respiratory Inflammation and Microbiome Signatures in Clinically Stable Cystic Fibrosis Patients. <i>Microorganisms</i> , 2020, 8, 1741.	3.6	13
2	Recognition of the unsuitability of DSM 12173 as the deposited type strain of <i>Thermocrinis ruber</i> Huber et al. 1999, recognition of DSM 23557 as an authentic sub-culture of strain OC 1/4, the nomenclatural type of <i>Thermocrinis ruber</i> Huber et al. 1999 and an emended description of <i>Thermocrinis ruber</i> Huber et al. 1999. <i>Archives of Microbiology</i> , 2020, 202, 1559-1562.	2.2	4
3	<i>Pseudomonas</i> -Specific NGS Assay Provides Insight Into Abundance and Dynamics of <i>Pseudomonas</i> Species Including <i>P. aeruginosa</i> in a Cooling Tower. <i>Frontiers in Microbiology</i> , 2018, 9, 1958.	3.5	17
4	Bacterial community dynamics in a cooling tower with emphasis on pathogenic bacteria and <i>Legionella</i> species using universal and genus-specific deep sequencing. <i>Water Research</i> , 2017, 122, 363-376.	11.3	48
5	25 years of serving the community with ribosomal RNA gene reference databases and tools. <i>Journal of Biotechnology</i> , 2017, 261, 169-176.	3.8	679
6	Development of a genus-specific next generation sequencing approach for sensitive and quantitative determination of the <i>Legionella</i> microbiome in freshwater systems. <i>BMC Microbiology</i> , 2017, 17, 79.	3.3	32
7	Statin therapy causes gut dysbiosis in mice through a PXR-dependent mechanism. <i>Microbiome</i> , 2017, 5, 95.	11.1	124
8	Bacterial communities associated with four ctenophore genera from the German Bight (North Sea). <i>FEMS Microbiology Ecology</i> , 2015, 91, 1-11.	2.7	108
9	<i>Hydrobacter penzbergensis</i> gen. nov., sp. nov., isolated from purified water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 920-926.	1.7	25
10	Microbial lipids reveal carbon assimilation patterns on hydrothermal sulfide chimneys. <i>Environmental Microbiology</i> , 2014, 16, 3515-3532.	3.8	44
11	The SILVA and "All-species Living Tree Project (LTP)" taxonomic frameworks. <i>Nucleic Acids Research</i> , 2014, 42, D643-D648.	14.5	2,667
12	Close association of active nitrifiers with <i>Bezzia</i> mats covering deep-sea hydrothermal sediments. <i>Environmental Microbiology</i> , 2014, 16, 1612-1626.	3.8	29
13	Diverse sulfate-reducing bacteria of the <i>Desulfosarcina/Desulfococcus</i> clade are the key alkane degraders at marine seeps. <i>ISME Journal</i> , 2014, 8, 2029-2044.	9.8	182
14	Evaluation of general 16S ribosomal RNA gene PCR primers for classical and next-generation sequencing-based diversity studies. <i>Nucleic Acids Research</i> , 2013, 41, e1-e1.	14.5	6,268
15	The SILVA ribosomal RNA gene database project: improved data processing and web-based tools. <i>Nucleic Acids Research</i> , 2012, 41, D590-D596.	14.5	21,425
16	SINA: Accurate high-throughput multiple sequence alignment of ribosomal RNA genes. <i>Bioinformatics</i> , 2012, 28, 1823-1829.	4.1	2,826
17	Substrate-Controlled Succession of Marine Bacterioplankton Populations Induced by a Phytoplankton Bloom. <i>Science</i> , 2012, 336, 608-611.	12.6	1,304
18	Single-cell analysis reveals a novel uncultivated magnetotactic bacterium within the candidate division OP3. <i>Environmental Microbiology</i> , 2012, 14, 1709-1721.	3.8	121

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19	Microbial and Chemical Characterization of Underwater Fresh Water Springs in the Dead Sea. PLoS ONE, 2012, 7, e38319.	2.5	161
20	Gene Sets for Utilization of Primary and Secondary Nutrition Supplies in the Distal Gut of Endangered Iberian Lynx. PLoS ONE, 2012, 7, e51521.	2.5	23
21	Minimum information about a marker gene sequence (MIMARKS) and minimum information about any (x) sequence (MlxS) specifications. Nature Biotechnology, 2011, 29, 415-420.	17.5	608
22	Microbial changes in periodontitis successfully treated by mechanical plaque removal and systemic amoxicillin and metronidazole. International Journal of Medical Microbiology, 2009, 299, 427-438.	3.6	28
23	JCoast â€“ A biologist-centric software tool for data mining and comparison of prokaryotic (meta)genomes. BMC Bioinformatics, 2008, 9, 177.	2.6	58
24	The All-Species Living Tree project: A 16S rRNA-based phylogenetic tree of all sequenced type strains. Systematic and Applied Microbiology, 2008, 31, 241-250.	2.8	884
25	A standard operating procedure for phylogenetic inference (SOPPI) using (rRNA) marker genes. Systematic and Applied Microbiology, 2008, 31, 251-257.	2.8	77
26	SILVA: a comprehensive online resource for quality checked and aligned ribosomal RNA sequence data compatible with ARB. Nucleic Acids Research, 2007, 35, 7188-7196.	14.5	5,788
27	Transcriptional Organization and Regulation of Magnetosome Operons in Magnetospirillum gryphiswaldense. Applied and Environmental Microbiology, 2006, 72, 5757-5765.	3.1	71
28	Evaluation of gene expression analysis using RNA-targeted partial genome arrays. Systematic and Applied Microbiology, 2006, 29, 349-357.	2.8	10
29	A DNA Microarray Platform Based on Direct Detection of rRNA for Characterization of Freshwater Sediment-Related Prokaryotic Communities. Applied and Environmental Microbiology, 2006, 72, 4829-4838.	3.1	38
30	Diversity and Taxonomy of Magnetotactic Bacteria. , 2006, , 25-36.		44
31	Combined Approach for Characterization of Uncultivated Magnetotactic Bacteria from Various Aquatic Environments. Applied and Environmental Microbiology, 2005, 71, 2723-2731.	3.1	125
32	Application and validation of DNA microarrays for the 16S rRNA-based analysis of marine bacterioplankton. Environmental Microbiology, 2004, 6, 638-645.	3.8	63
33	Comparative Sequence Analysis and Oligonucleotide Probe Design Based on 23S rRNA Genes of Alphaproteobacteria from North Sea Bacterioplankton. Systematic and Applied Microbiology, 2004, 27, 573-580.	2.8	17
34	Optimization Strategies for DNA Microarray-Based Detection of Bacteria with 16S rRNA-Targeting Oligonucleotide Probes. Applied and Environmental Microbiology, 2003, 69, 1397-1407.	3.1	179
35	Covalent DNA-Streptavidin Conjugates as Building Blocks for Novel Biometallic Nanostructures. Angewandte Chemie - International Edition, 1998, 37, 2265-2268.	13.8	209