

# Roland Geyer

## List of Publications by Year in descending order

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29  
papers

1,009  
citations

430874

18  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1336  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Desulfitobacterium aromaticivorans</i> sp. nov. and <i>Geobacter toluenoxidans</i> sp. nov., iron-reducing bacteria capable of anaerobic degradation of monoaromatic hydrocarbons. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 686-695.	1.7	113
2	Microbial Incorporation of <sup>13</sup> C-Labeled Acetate at the Field Scale: Detection of Microbes Responsible for Reduction of U(VI). <i>Environmental Science &amp; Technology</i> , 2005, 39, 9039-9048.	10.0	104
3	Utilization of Microbial Biofilms as Monitors of Bioremediation. <i>Microbial Ecology</i> , 2004, 47, 284-92.	2.8	95
4	In Situ Assessment of Biodegradation Potential Using Biotraps Amended with <sup>13</sup> C-Labeled Benzene or Toluene. <i>Environmental Science &amp; Technology</i> , 2005, 39, 4983-4989.	10.0	81
5	<i>Aquicola tertiarycarbonis</i> gen. nov., sp. nov., a tertiary butyl moiety-degrading bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 1295-1303.	1.7	70
6	Atmospheric pressure chemical ionization and atmospheric pressure photoionization for simultaneous mass spectrometric analysis of microbial respiratory ubiquinones and menaquinones. <i>Journal of Mass Spectrometry</i> , 2004, 39, 922-929.	1.6	64
7	Phospholipid Furan Fatty Acids and Ubiquinone-8: Lipid Biomarkers That May Protect <i>Dehalococcoides</i> Strains from Free Radicals. <i>Applied and Environmental Microbiology</i> , 2005, 71, 8426-8433.	3.1	45
8	LC-MS method for screening unknown microbial carotenoids and isoprenoid quinones. <i>Journal of Microbiological Methods</i> , 2012, 88, 28-34.	1.6	44
9	Chlorobenzene biodegradation under consecutive aerobic-anaerobic conditions. <i>FEMS Microbiology Ecology</i> , 2004, 49, 109-120.	2.7	36
10	Spatial patterns of bacterial signature biomarkers in marine sediments of the Gulf of Mexico. <i>Chemical Geology</i> , 2007, 238, 168-179.	3.3	36
11	FATE AND METABOLISM OF [ <sup>15</sup> N]2,4,6-TRINITROTOLUENE IN SOIL. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1852.	4.3	33
12	Does centrifugation matter? Centrifugal force and spinning time alter the plasma metabolome. <i>Metabolomics</i> , 2016, 12, 159.	3.0	31
13	Novel lipids in <i>Myxococcus xanthus</i> and their role in chemotaxis. <i>Environmental Microbiology</i> , 2006, 8, 1935-1949.	3.8	30
14	Monitoring Diel Variations of Physiological Status and Bacterial Diversity in an Estuarine Microbial Mat: An Integrated Biomarker Analysis. <i>Microbial Ecology</i> , 2007, 54, 523-531.	2.8	28
15	Forensic Analysis by Comprehensive Rapid Detection of Pathogens and Contamination Concentrated in Biofilms in Drinking Water Systems for Water Resource Protection and Management. <i>Environmental Forensics</i> , 2003, 4, 63-74.	2.6	25
16	FATE AND STABILITY OF <sup>14</sup> C-LABELED 2,4,6-TRINITROTOLUENE IN CONTAMINATED SOIL FOLLOWING MICROBIAL BIOREMEDIATION PROCESSES. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 2049.	4.3	25
17	Identification of conjugated linoleic acid elongation and $\hat{I}^2$ -oxidation products by coupled silver-ion HPLC APPI-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 837, 147-152.	2.3	21
18	Lysophosphatidylethanolamine Is a Substrate for the Short-Chain Alcohol Dehydrogenase SocA from <i>Myxococcus xanthus</i> . <i>Journal of Bacteriology</i> , 2006, 188, 8543-8550.	2.2	18

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19	Effect of Agricultural Antibiotics on the Persistence and Transformation of 17 $\beta$ -Estradiol in a Sequatchie Loam. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2005, 40, 741-751.	1.5	17
20	Microbial community shifts as a response to efficient degradation of chlorobenzene under hypoxic conditions. <i>Biodegradation</i> , 2008, 19, 435-446.	3.0	15
21	Enhancement of the biodegradability of aromatic groundwater contaminants. <i>Toxicology</i> , 2004, 205, 201-210.	4.2	13
22	Resolution of Natural Microbial Community Dynamics by Community Fingerprinting, Flow Cytometry, and Trend Interpretation Analysis. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2010, 124, 151-181.	1.1	13
23	Comparison of Three Extraction Methods for 17 $\beta$ -Estradiol in Sand, Bentonite, and Organic-Rich Silt Loam. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2005, 40, 731-740.	1.5	12
24	Intact Phospholipid and Quinone Biomarkers to Assess Microbial Diversity and Redox State in Microbial Mats. <i>Microbial Ecology</i> , 2010, 60, 226-238.	2.8	12
25	Feasibility of assessment of regulatory lipids in breath condensate as potential presymptomatic harbingers of pulmonary pathobiology. <i>Journal of Microbiological Methods</i> , 2005, 62, 293-302.	1.6	9
26	<i>absorptive chemistry</i> based extraction for LC-MS/MS analysis of small molecule analytes from biological fluids – an application for 25-hydroxyvitamin D. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 363-371.	2.3	8
27	Influence of Agricultural Antibiotics and 17 $\beta$ -Estradiol on the Microbial Community of Soil. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2006, 41, 923-935.	1.5	5
28	Simultaneous eicosanoid profiling and identification by liquid chromatography and hybrid triple quadrupole-linear ion trap mass spectrometry for metabolomic studies in human plasma / Multiparametrische Bestimmung und Identifizierung von Eikosanoiden mit Flüssigchromatographie in Kombination mit Hybrid-Quadrupol/lineare Ionenfallen Massenspektrometrie für Metabolom-Studien in Humanplasma. <i>Laboratoriums Medizin</i> , 2009, 33, 341-348.	0.6	5
29	A novel approach to signal normalisation in atmospheric pressure ionisation mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 66, 399-401.	2.8	1