

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	Does centrifugation matter? Centrifugal force and spinning time alter the plasma metabolome. <i>Metabolomics</i> , 2016, 12, 159.	3.0	31
2	<i>in situ</i> absorptive chemistry 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
3	LC-MS method for screening unknown microbial carotenoids and isoprenoid quinones. <i>Journal of Microbiological Methods</i> , 2012, 88, 28-34.	1.6	44
4	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
5	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
6	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
7	<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
8	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
9	Microbial community shifts as a response to efficient degradation of chlorobenzene under hypoxic conditions. <i>Biodegradation</i> , 2008, 19, 435-446.	3.0	15
10	<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
11	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
12	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
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	Identification of conjugated linoleic acid elongation and $\hat{1}^2$ -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
15	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
16	Influence of agricultural antibiotics and $17\hat{1}^2$ -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
17	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
18	Effect of agricultural antibiotics on the persistence and transformation of $17\hat{1}^2$ -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

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19	In Situ Assessment of Biodegradation Potential Using Biotraps Amended with ^{13}C -Labeled Benzene or Toluene. <i>Environmental Science & Technology</i> , 2005, 39, 4983-4989.	10.0	81
20	Comparison of Three Extraction Methods for $^{17}\beta\text{-Estradiol}$ 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
21	Microbial Incorporation of ^{13}C -Labeled Acetate at the Field Scale: Detection of Microbes Responsible for Reduction of U(VI) . <i>Environmental Science & Technology</i> , 2005, 39, 9039-9048.	10.0	104
22	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
23	FATE AND STABILITY OF ^{14}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
24	FATE AND METABOLISM OF ^{15}N 2,4,6-TRINITROTOLUENE IN SOIL. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1852.	4.3	33
25	Utilization of Microbial Biofilms as Monitors of Bioremediation. <i>Microbial Ecology</i> , 2004, 47, 284-92.	2.8	95
26	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
27	Enhancement of the biodegradability of aromatic groundwater contaminants. <i>Toxicology</i> , 2004, 205, 201-210.	4.2	13
28	Chlorobenzene biodegradation under consecutive aerobic-anaerobic conditions. <i>FEMS Microbiology Ecology</i> , 2004, 49, 109-120.	2.7	36
29	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