Peter Roslev

List of Publications by Year
in descending order

45 papers	3,446 citations	218677 26 h-index	233421 45 g-index
45 all docs	45 docs citations	45 times ranked	4185 citing authors

#	Article	IF	Citations
1	Attenuation of toxicity and occurrence of degradation products of the fungicide tebuconazole after combined vacuum UV and UVC treatment of drinking water. Environmental Science and Pollution Research, 2022, 29, 58312-58325.	5.3	14
2	A thermocatalytic perovskite-graphene oxide nanofiltration membrane for water depollution. Journal of Water Process Engineering, 2022, 49, 102941.	5.6	5
3	Degradation of the antifungal pharmaceutical clotrimazole by UVC and vacuum-UV irradiation: Kinetics, transformation products and attenuation of toxicity. Journal of Environmental Chemical Engineering, 2021, 9, 106275.	6.7	13
4	Effect of UV-A, UV-B and UV-C irradiation of glyphosate on photolysis and mitigation of aquatic toxicity. Scientific Reports, 2020, 10, 20247.	3.3	10
5	Methods for the identification of farm escapees in feral mink (Neovison vison) populations. PLoS ONE, 2019, 14, e0224559.	2.5	13
6	Behavioral responses and starvation survival of Daphnia magna exposed to fluoxetine and propranolol. Chemosphere, 2018, 211, 978-985.	8.2	23
7	Ingestion and Egestion of Microplastics by the Cladoceran Daphnia magna: Effects of Regular and Irregular Shaped Plastic and Sorbed Phenanthrene. Bulletin of Environmental Contamination and Toxicology, 2017, 99, 655-661.	2.7	175
8	Behavioral responses of juvenile Daphnia magna after exposure to glyphosate and glyphosate-copper complexes. Aquatic Toxicology, 2016, 179, 36-43.	4.0	64
9	Effects of Ammonia and Density on Filtering of Commensal and Pathogenic Escherichia coli by the Cladoceran Daphnia magna. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 848-854.	2.7	10
10	Automated swimming activity monitor for examining temporal patterns of toxicant effects on individual Daphnia magna. Journal of Applied Toxicology, 2016, 36, 896-902.	2.8	16
11	A fluorescenceâ€based hydrolytic enzyme activity assay for quantifying toxic effects of RoundupÂ® to Daphnia magna. Environmental Toxicology and Chemistry, 2015, 34, 1841-1850.	4.3	12
12	Inorganic Membranes for the Recovery of Effluent from Municipal Wastewater Treatment Plants. Industrial & Engineering Chemistry Research, 2015, 54, 3462-3472.	3.7	14
13	Microbial toxicity of methyl tert-butyl ether (MTBE) determined with fluorescent and luminescent bioassays. Chemosphere, 2015, 120, 284-291.	8.2	28
14	Mycobacterium avium Complex in Day Care Hot Water Systems, and Persistence of Live Cells and DNA in Hot Water Pipes. Current Microbiology, 2014, 68, 428-439.	2.2	11
15	Stabilization and stimulation of atmospheric methane oxidation in soil and soil biofilters by Al2O3 amendment. Soil Biology and Biochemistry, 2013, 64, 127-135.	8.8	3
16	Detection and Persistence of Clinical <i>Escherichia coli</i> in Drinking Water Evaluated by a Rapid Enzyme Assay and qPCR. Advances in Microbiology, 2012, 02, 252-262.	0.6	3
17	State of the art molecular markers for fecal pollution source tracking in water. Applied Microbiology and Biotechnology, 2011, 89, 1341-1355.	3.6	100
18	Characterization and validation of a chemiluminescent assay based on 1,2-dioxetanes for rapid detection of viable Escherichia coli. Applied Microbiology and Biotechnology, 2010, 86, 1947-1957.	3.6	7

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19	Application of mussels as biosamplers for characterization of faecal pollution in coastal recreational waters. Water Science and Technology, 2010, 62, 586-593.	2.5	13
20	Escherichia coli phylogenetic groups are associated with site of infection and level of antibiotic resistance in community-acquired bacteraemia: a 10 year population-based study in Denmark. Journal of Antimicrobial Chemotherapy, 2009, 64, 163-168.	3.0	59
21	Uptake and persistence of human associatedEnterococcusin the musselMytilus edulis:relevance for faecal pollution source tracking. Journal of Applied Microbiology, 2009, 107, 944-953.	3.1	25
22	Isotope array analysis of Rhodocyclales uncovers functional redundancy and versatility in an activated sludge. ISME Journal, 2009, 3, 1349-1364.	9.8	86
23	Relationship Between Fecal Indicators in Sediment and Recreational Waters in a Danish Estuary. Water, Air, and Soil Pollution, 2008, 194, 13-21.	2.4	22
24	A simple bioluminescence procedure for early warning detection of coliform bacteria in drinking water. World Journal of Microbiology and Biotechnology, 2008, 24, 2323-2330.	3.6	8
25	Degradation of phthalate esters in an activated sludge wastewater treatment plant. Water Research, 2007, 41, 969-976.	11.3	225
26	Degradation of organic pollutants by methane grown microbial consortia. Biodegradation, 2005, 16, 435-448.	3.0	55
27	Isotope Labeling and Microautoradiography of Active Heterotrophic Bacteria on the Basis of Assimilation of 14 CO 2. Applied and Environmental Microbiology, 2005, 71, 646-655.	3.1	91
28	Dynamics of a Pasture Soil Microbial Community after Deposition of Cattle Urine Amended with [13 C]Urea. Applied and Environmental Microbiology, 2004, 70, 6363-6369.	3.1	49
29	Use of heterotrophic CO2 assimilation as a measure of metabolic activity in planktonic and sessile bacteria. Journal of Microbiological Methods, 2004, 59, 381-393.	1.6	70
30	The Isotope Array, a New Tool That Employs Substrate-Mediated Labeling of rRNA for Determination of Microbial Community Structure and Function. Applied and Environmental Microbiology, 2003, 69, 6875-6887.	3.1	223
31	Linking of Microorganisms to Phenanthrene Metabolism in Soil by Analysis of 13 C-Labeled Cell Lipids. Applied and Environmental Microbiology, 2002, 68, 6106-6113.	3.1	110
32	QUANTIFICATION OF 14C-LABELED HYDROPHOBIC ORGANIC COMPOUNDS IN SOIL SAMPLES BY A SCINTILLATION FLUID EXTRACTION METHOD. Soil Science, 2002, 167, 25-34.	0.9	1
33	Degradation of 4-Nonylphenol in Homogeneous and Nonhomogeneous Mixtures of Soil and Sewage Sludge. Environmental Science & Technology, 2001, 35, 3695-3700.	10.0	96
34	Toxic Effects of Linear Alkylbenzene Sulfonate on Metabolic Activity, Growth Rate, and Microcolony Formation of Nitrosomonas and Nitrosospira Strains. Applied and Environmental Microbiology, 2001, 67, 2489-2498.	3.1	114
35	Effects of O2 and CH4 on presence and activity of the indigenous methanotrophic community in rice field soil. Environmental Microbiology, 2000, 2, 666-679.	3.8	194
36	Stimulation by ammonium-based fertilizers of methane oxidation in soil around rice roots. Nature, 2000, 403, 421-424.	27.8	461

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37	Characterization of Methanotrophic Bacterial Populations in Soils Showing Atmospheric Methane Uptake. Applied and Environmental Microbiology, 1999, 65, 3312-3318.	3.1	251
38	Kinetics of Di-(2-ethylhexyl)phthalate Mineralization in Sludge-Amended Soil. Environmental Science & Technology, 1999, 33, 2601-2606.	10.0	89
39	Radioactive Fingerprinting of Microorganisms That Oxidize Atmospheric Methane in Different Soils. Applied and Environmental Microbiology, 1999, 65, 4064-4070.	3.1	75
40	Direct fingerprinting of metabolically active bacteria in environmental samples by substrate specific radiolabelling and lipid analysis. Journal of Microbiological Methods, 1998, 31, 99-111.	1.6	45
41	Degradation of Phthalate and Di-(2-Ethylhexyl)phthalate by Indigenous and Inoculated Microorganisms in Sludge-Amended Soil. Applied and Environmental Microbiology, 1998, 64, 4711-4719.	3.1	93
42	Regulation of methane oxidation in a freshwater wetland by water table changes and anoxia. FEMS Microbiology Ecology, 1996, 19, 105-115.	2.7	82
43	Survival and Recovery of Methanotrophic Bacteria Starved under Oxic and Anoxic Conditions. Applied and Environmental Microbiology, 1994, 60, 2602-2608.	3.1	123
44	Application of a Tetrazolium Salt with a Water-Soluble Formazan as an Indicator of Viability in Respiring Bacteria. Applied and Environmental Microbiology, 1993, 59, 2891-2896.	3.1	84
45	Distribution and Rate of Methane Oxidation in Sediments of the Florida Everglades. Applied and Environmental Microbiology, 1990, 56, 2902-2911.	3.1	181