

# Kathryn L Linge

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4187878/publications.pdf>

Version: 2024-02-01

59  
papers

2,624  
citations

201674

27  
h-index

189892

50  
g-index

62  
all docs

62  
docs citations

62  
times ranked

3677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in the solubility of iron, aluminium, manganese and phosphorus in aerosol collected over the Atlantic Ocean. <i>Marine Chemistry</i> , 2006, 98, 43-58.	2.3	353
2	Bioavailability of Nanoscale Metal Oxides TiO <sub>2</sub> , CeO <sub>2</sub> , and ZnO to Fish. <i>Environmental Science &amp; Technology</i> , 2010, 44, 1144-1151.	10.0	251
3	Removal of natural organic matter by ion exchange. <i>Water Research</i> , 2002, 36, 5057-5065.	11.3	222
4	Trends in aerosol nutrient solubility along a west-east transect of the Saharan dust plume. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	118
5	Degradation rates of benzotriazoles and benzothiazoles under UV-C irradiation and the advanced oxidation process UV/H <sub>2</sub> O <sub>2</sub> . <i>Water Research</i> , 2015, 74, 143-154.	11.3	108
6	Organic chloramines in chlorine-based disinfected water systems: A critical review. <i>Journal of Environmental Sciences</i> , 2017, 58, 2-18.	6.1	103
7	Removal of organic micropollutants in waste stabilisation ponds: A review. <i>Journal of Environmental Management</i> , 2018, 206, 202-214.	7.8	88
8	Chlorination of Amino Acids: Reaction Pathways and Reaction Rates. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4870-4876.	10.0	80
9	Organic chloramines in drinking water: An assessment of formation, stability, reactivity and risk. <i>Water Research</i> , 2016, 93, 65-73.	11.3	71
10	Analysis of pharmaceuticals in indirect potable reuse systems using solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 5807-5818.	3.7	67
11	Determination of halonitromethanes and haloacetamides: An evaluation of sample preservation and analyte stability in drinking water. <i>Journal of Chromatography A</i> , 2012, 1241, 117-122.	3.7	61
12	Quadrupole ICP-MS: Introduction to Instrumentation, Measurement Techniques and Analytical Capabilities. <i>Geostandards and Geoanalytical Research</i> , 2009, 33, 445-467.	3.1	59
13	Fate of nine recycled water trace organic contaminants and metal(loid)s during managed aquifer recharge into a anaerobic aquifer: Column studies. <i>Water Research</i> , 2010, 44, 1471-1481.	11.3	56
14	Rapid analysis of iodinated X-ray contrast media in secondary and tertiary treated wastewater by direct injection liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1213, 200-208.	3.7	55
15	Behaviour and fate of nine recycled water trace organics during managed aquifer recharge in an aerobic aquifer. <i>Journal of Contaminant Hydrology</i> , 2011, 122, 53-62.	3.3	55
16	Formation of halogenated disinfection by-products during microfiltration and reverse osmosis treatment: Implications for water recycling. <i>Separation and Purification Technology</i> , 2013, 104, 221-228.	7.9	46
17	Analysis of free amino acids in natural waters by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1370, 135-146.	3.7	46
18	Evaluation of 16S next-generation sequencing of hypervariable region 4 in wastewater samples: An unsuitable approach for bacterial enteric pathogen identification. <i>Science of the Total Environment</i> , 2019, 670, 1111-1124.	8.0	44

#	ARTICLE	IF	CITATIONS
19	Development of a solid-phase extraction liquid chromatography tandem mass spectrometry method for benzotriazoles and benzothiazoles in wastewater and recycled water. <i>Journal of Chromatography A</i> , 2013, 1299, 48-57.	3.7	42
20	Methods for Investigating Trace Element Binding in Sediments. <i>Critical Reviews in Environmental Science and Technology</i> , 2008, 38, 165-196.	12.8	41
21	Identification of eukaryotic microorganisms with 18S rRNA next-generation sequencing in wastewater treatment plants, with a more targeted NGS approach required for <i>Cryptosporidium</i> detection. <i>Water Research</i> , 2019, 158, 301-312.	11.3	41
22	Formation of nitrogenous disinfection by-products in 10 chlorinated and chloraminated drinking water supply systems. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 518.	2.7	38
23	Interference from arsenate when determining phosphate by the malachite green spectrophotometric method. <i>Analytica Chimica Acta</i> , 2001, 450, 247-252.	5.4	36
24	Formation and control of nitrogenous DBPs from Western Australian source waters: Investigating the impacts of high nitrogen and bromide concentrations. <i>Journal of Environmental Sciences</i> , 2017, 58, 102-115.	6.1	34
25	Formation of algal-derived nitrogenous disinfection by-products during chlorination and chloramination. <i>Water Research</i> , 2020, 183, 116047.	11.3	34
26	Formation of odorous and hazardous by-products from the chlorination of amino acids. <i>Water Research</i> , 2018, 146, 10-18.	11.3	29
27	Identifying short-term and seasonal trends in cave drip water trace element concentrations based on a daily-scale automatically collected drip water dataset. <i>Chemical Geology</i> , 2012, 330-331, 1-16.	3.3	27
28	Target screening of chemicals of concern in recycled water. <i>Environmental Science: Water Research and Technology</i> , 2015, 1, 659-667.	2.4	27
29	Aqueous exposure and uptake of arsenic by riverside communities affected by mining contamination in the R�o Pilcomayo basin, Bolivia. <i>Mineralogical Magazine</i> , 2005, 69, 719-736.	1.4	26
30	The Pb pollution fingerprint at Lochnagar: The historical record and current status of Pb isotopes. <i>Environmental Pollution</i> , 2007, 145, 723-729.	7.5	25
31	Recycled water: Potential health risks from volatile organic compounds and use of 1,4-dichlorobenzene as treatment performance indicator. <i>Water Research</i> , 2012, 46, 93-106.	11.3	24
32	Arsenic Remobilization in a Shallow Lake. <i>Journal of Environmental Quality</i> , 2002, 31, 822-828.	2.0	22
33	Control mechanisms for dissolved phosphorus and arsenic in a shallow lake. <i>Applied Geochemistry</i> , 2004, 19, 1377-1389.	3.0	20
34	Atomic spectrometry update. Atomic mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 785.	3.0	19
35	Occurrence of iodinated X-ray contrast media in indirect potable reuse systems. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 542-548.	1.7	19
36	Chemicals in reverse osmosis-treated wastewater: occurrence, health risk, and contribution to residual dissolved organic carbon. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2012, 61, 494-505.	1.4	19

#	ARTICLE	IF	CITATIONS
37	Arsenic Remobilization in a Shallow Lake. <i>Journal of Environmental Quality</i> , 2002, 31, 822.	2.0	18
38	Recent Developments in Trace Element Analysis by ICP-AES and ICP-MS with Particular Reference to Geological and Environmental Samples. <i>Geostandards and Geoanalytical Research</i> , 2005, 29, 7-22.	1.9	18
39	An evaluation of measurement techniques for algal-derived organic nitrogen. <i>Water Research</i> , 2019, 165, 114998.	11.3	17
40	Trace Element Determination by ICP-AES and ICP-MS: Developments and Applications Reported During 2006 and 2007. <i>Geostandards and Geoanalytical Research</i> , 2008, 32, 453-468.	3.1	15
41	Dioxins, Furans and PCBs in Recycled Water for Indirect Potable Reuse. <i>International Journal of Environmental Research and Public Health</i> , 2008, 5, 356-367.	2.6	15
42	GGR Biennial Critical Review: Analytical Developments Since 2010. <i>Geostandards and Geoanalytical Research</i> , 2012, 36, 337-398.	3.1	15
43	Atomic spectrometry update. Atomic mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2005, 20, 763.	3.0	14
44	Trace Element Determination by ICP-AES and ICP-MS: Developments and Applications Reported During 2004 and 2005. <i>Geostandards and Geoanalytical Research</i> , 2006, 30, 157-174.	1.9	14
45	Atomic spectrometry update. Atomic mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 973.	3.0	11
46	GGR Biennial Critical Review: Analytical Developments Since 2014. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 493-562.	3.1	11
47	GGR Critical Review of Analytical Developments in 2003. <i>Geostandards and Geoanalytical Research</i> , 2005, 29, 5-52.	1.9	10
48	Atomic spectrometry update. Atomic mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 1130.	3.0	10
49	Formation of N-Nitrosamines in Drinking Water Sources: Case Studies from Western Australia. <i>Journal - American Water Works Association</i> , 2017, 109, E184.	0.3	9
50	GGR Biennial Critical Review: Analytical Developments Since 2012. <i>Geostandards and Geoanalytical Research</i> , 2014, 38, 467-512.	3.1	8
51	Halogenated semivolatile acetonitriles as chloramination disinfection by-products in water treatment: a new formation pathway from activated aromatic compounds. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 653-662.	3.5	7
52	GGR Critical Review of Analytical Developments in 2004-2005. <i>Geostandards and Geoanalytical Research</i> , 2006, 30, 141-142.	1.9	5
53	National Occurrence of N-Nitrosodimethylamine (NDMA). <i>ACS Symposium Series</i> , 2015, , 135-149.	0.5	4
54	Relating arsenic and phosphorus remobilisation to sediment formation mechanisms using fractionation and trends in elemental composition. <i>Marine and Freshwater Research</i> , 2004, 55, 525.	1.3	3

#	ARTICLE	IF	CITATIONS
55	GGR Biennial Review: Atomic Absorption, Inductively Coupled Plasma-Atomic Emission Spectrometry, Neutron Activation Analysis and X-Ray Fluorescence Spectrometry Review for 2008-2009. Geostandards and Geoanalytical Research, 2010, 34, 343-352.	3.1	3
56	Chemical removal in waste stabilisation pond systems of varying configuration. Environmental Science: Water Research and Technology, 2021, 7, 1587-1599.	2.4	3
57	GGR Critical Review of Analytical Developments in 2006-2007. Geostandards and Geoanalytical Research, 2008, 32, 397-398.	3.1	2
58	GGR Critical Review of Analytical Developments in 2008-2009: An Introduction. Geostandards and Geoanalytical Research, 2010, 34, 325-326.	3.1	1
59	Degradation of selected pharmaceuticals detected in wastewater systems using an enzyme-mediator system and identification of resulting transformation products. Biocatalysis and Biotransformation, 2023, 41, 133-144.	2.0	1