

Thomas A Bruton

List of Publications by Year in descending order

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15
papers

2,615
citations

623188

14
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

3188
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Poly- and Perfluoroalkyl Substances (PFASs) in U.S. Drinking Water Linked to Industrial Sites, Military Fire Training Areas, and Wastewater Treatment Plants. <i>Environmental Science and Technology Letters</i> , 2016, 3, 344-350.	3.9	839
2	In Situ Chemical Oxidation of Contaminated Groundwater by Persulfate: Decomposition by Fe(III)- and Mn(IV)-Containing Oxides and Aquifer Materials. <i>Environmental Science & Technology</i> , 2014, 48, 10330-10336.	4.6	345
3	PFAS Exposure Pathways for Humans and Wildlife: A Synthesis of Current Knowledge and Key Gaps in Understanding. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 631-657.	2.2	311
4	Scientific Basis for Managing PFAS as a Chemical Class. <i>Environmental Science and Technology Letters</i> , 2020, 7, 532-543.	3.9	278
5	Oxidation of Benzene by Persulfate in the Presence of Fe(III)- and Mn(IV)-Containing Oxides: Stoichiometric Efficiency and Transformation Products. <i>Environmental Science & Technology</i> , 2016, 50, 890-898.	4.6	257
6	Treatment of Aqueous Film-Forming Foam by Heat-Activated Persulfate Under Conditions Representative of In Situ Chemical Oxidation. <i>Environmental Science & Technology</i> , 2017, 51, 13878-13885.	4.6	133
7	Analysis of gold nanoparticle mixtures: a comparison of hydrodynamic chromatography (HDC) and asymmetrical flow field-flow fractionation (AF4) coupled to ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1532.	1.6	111
8	Treatment of perfluoroalkyl acids by heat-activated persulfate under conditions representative of in situ chemical oxidation. <i>Chemosphere</i> , 2018, 206, 457-464.	4.2	105
9	The Air That We Breathe: Neutral and Volatile PFAS in Indoor Air. <i>Environmental Science and Technology Letters</i> , 2021, 8, 897-902.	3.9	63
10	Effect of Nanoscale Zero-Valent Iron Treatment on Biological Reductive Dechlorination: A Review of Current Understanding and Research Needs. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 1148-1175.	6.6	48
11	Anaerobic digestion of molasses by means of a vibrating and non-vibrating submerged anaerobic membrane bioreactor. <i>Biomass and Bioenergy</i> , 2014, 68, 95-105.	2.9	40
12	Ten questions concerning the implications of carpet on indoor chemistry and microbiology. <i>Building and Environment</i> , 2020, 170, 106589.	3.0	40
13	Fate of Caffeine in the Environment and Ecotoxicological Considerations. <i>ACS Symposium Series</i> , 2010, , 257-273.	0.5	25
14	Proposal for coordinated health research in PFAS-contaminated communities in the United States. <i>Environmental Health</i> , 2017, 16, 120.	1.7	18
15	Autonomous screening of groundwater remediation technologies in the subsurface using the In Situ Microcosm Array (ISMA). <i>Journal of Hazardous Materials</i> , 2019, 367, 668-675.	6.5	2