

Susana Y Kimura

List of Publications by Year in descending order

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28
papers

1,937
citations

394286

19
h-index

501076

28
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all docs

28
docs citations

28
times ranked

2066
citing authors

#	ARTICLE	IF	CITATIONS
1	Water Analysis: Emerging Contaminants and Current Issues. <i>Analytical Chemistry</i> , 2016, 88, 546-582.	3.2	348
2	Water Analysis: Emerging Contaminants and Current Issues. <i>Analytical Chemistry</i> , 2020, 92, 473-505.	3.2	264
3	Emerging environmental contaminants: Challenges facing our next generation and potential engineering solutions. <i>Environmental Technology and Innovation</i> , 2017, 8, 40-56.	3.0	224
4	Toxic Impact of Bromide and Iodide on Drinking Water Disinfected with Chlorine or Chloramines. <i>Environmental Science & Technology</i> , 2014, 48, 12362-12369.	4.6	215
5	Occurrence and Comparative Toxicity of Haloacetaldehyde Disinfection Byproducts in Drinking Water. <i>Environmental Science & Technology</i> , 2015, 49, 13749-13759.	4.6	167
6	Does Granular Activated Carbon with Chlorination Produce Safer Drinking Water? From Disinfection Byproducts and Total Organic Halogen to Calculated Toxicity. <i>Environmental Science & Technology</i> , 2019, 53, 5987-5999.	4.6	125
7	The DBP exposome: Development of a new method to simultaneously quantify priority disinfection by-products and comprehensively identify unknowns. <i>Water Research</i> , 2019, 148, 324-333.	5.3	64
8	GAC to BAC: Does it make chloraminated drinking water safer?. <i>Water Research</i> , 2020, 172, 115432.	5.3	53
9	Trace Analysis of 61 Emerging Br-, Cl-, and I-DBPs: New Methods to Achieve Part-Per-Trillion Quantification in Drinking Water. <i>Analytical Chemistry</i> , 2020, 92, 3058-3068.	3.2	53
10	Chloroacetonitrile and <i>N</i> ,2-Dichloroacetamide Formation from the Reaction of Chloroacetaldehyde and Monochloramine in Water. <i>Environmental Science & Technology</i> , 2013, 47, 12382-12390.	4.6	51
11	Chlorination of Source Water Containing Iodinated X-ray Contrast Media: Mutagenicity and Identification of New Iodinated Disinfection Byproducts. <i>Environmental Science & Technology</i> , 2018, 52, 13047-13056.	4.6	45
12	Showering in Flint, MI: Is there a DBP problem?. <i>Journal of Environmental Sciences</i> , 2017, 58, 271-284.	3.2	43
13	Total organic halogen (TOX) in human urine: A halogen-specific method for human exposure studies. <i>Journal of Environmental Sciences</i> , 2017, 58, 285-295.	3.2	39
14	Predominant <i>N</i> -Haloacetamide and Haloacetonitrile Formation in Drinking Water via the Aldehyde Reaction Pathway. <i>Environmental Science & Technology</i> , 2019, 53, 850-859.	4.6	34
15	Acetonitrile and <i>N</i> -Chloroacetamide Formation from the Reaction of Acetaldehyde and Monochloramine. <i>Environmental Science & Technology</i> , 2015, 49, 9954-9963.	4.6	29
16	Effect of biofilm formation on different types of plastic shopping bags: Structural and physicochemical properties. <i>Environmental Research</i> , 2022, 206, 112542.	3.7	29
17	Configuration Control in the Synthesis of Homo- and Heteroleptic Bis(oxazolinyphenolato/thiazolinyphenolato) Chelate Ligand Complexes of Oxorhenium(V): Isomer Effect on Ancillary Ligand Exchange Dynamics and Implications for Perchlorate Reduction Catalysis. <i>Inorganic Chemistry</i> , 2016, 55, 2597-2611.	1.9	26
18	Exposure Characterization of Haloacetic Acids in Humans for Exposure and Risk Assessment Applications: An Exploratory Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 471.	1.2	26

#	ARTICLE	IF	CITATIONS
19	Solid-phase extraction of seventeen alternative flame retardants in water as determined by ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1602, 64-73.	1.8	22
20	Precise exposure assessment revealed the cancer risk and disease burden caused by trihalomethanes and haloacetic acids in Shanghai indoor swimming pool water. <i>Journal of Hazardous Materials</i> , 2020, 388, 121810.	6.5	19
21	Formation mechanisms of disinfection byproducts: Recent developments. <i>Current Opinion in Environmental Science and Health</i> , 2019, 7, 61-68.	2.1	16
22	Controlling disinfection byproducts from treated wastewater using adsorption with granular activated carbon: Impact of pre-ozonation and pre-chlorination. <i>Water Research X</i> , 2020, 9, 100068.	2.8	14
23	New iodine-based electrochemical advanced oxidation system for water disinfection: Are disinfection by-products a concern?. <i>Water Research</i> , 2021, 201, 117340.	5.3	9
24	Treating water containing elevated bromide and iodide levels with granular activated carbon and free chlorine: impacts on disinfection byproduct formation and calculated toxicity. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 3460-3475.	1.2	7
25	Formation potential and analysis of 32 regulated and unregulated disinfection by-products: Two new simplified methods. <i>Journal of Environmental Sciences</i> , 2022, 117, 209-221.	3.2	6
26	Is direct-drinking water safe for children? An analysis of direct-drinking water quality and its risk factors in Shanghai elementary and middle schools. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 231, 113650.	2.1	4
27	Emerging investigator series: emerging disinfection by-product quantification method for wastewater reuse: trace level assessment using tandem mass spectrometry. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 285-297.	1.2	3
28	Thyroid-disrupting effects caused by exposure to alternative flame retardants from groundwater contamination in rural central China. <i>Science of the Total Environment</i> , 2022, 839, 156300.	3.9	2