

Donghwi Kim

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

282
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of environmental organic matters by Ultrahigh-Resolution mass spectrometry—A review on the development of analytical methods. <i>Mass Spectrometry Reviews</i> , 2022, 41, 352-369.	5.4	39
2	Molecular level determination of water accommodated fraction with embryonic developmental toxicity generated by photooxidation of spilled oil. <i>Chemosphere</i> , 2019, 237, 124346.	8.2	15
3	Application of Online Liquid Chromatography 7 T FT-ICR Mass Spectrometer Equipped with Quadrupolar Detection for Analysis of Natural Organic Matter. <i>Analytical Chemistry</i> , 2019, 91, 7690-7697.	6.5	51
4	Analyzing Solid-Phase Natural Organic Matter Using Laser Desorption Ionization Ultrahigh Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 951-957.	6.5	42
5	Optimization and Application of Paper-Based Spray Ionization Mass Spectrometry for Analysis of Natural Organic Matter. <i>Analytical Chemistry</i> , 2018, 90, 12027-12034.	6.5	22
6	Estimating degree of degradation of spilled oils based on relative abundance of aromatic compounds observed by paper spray ionization mass spectrometry. <i>Journal of Hazardous Materials</i> , 2018, 359, 421-428.	12.4	13
7	Application of Atmospheric Pressure Photoionization H/D-exchange Mass Spectrometry for Speciation of Sulfur-containing Compounds. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1687-1695.	2.8	17
8	Paper Spray Chemical Ionization: Highly Sensitive Ambient Ionization Method for Low- and Nonpolar Aromatic Compounds. <i>Analytical Chemistry</i> , 2017, 89, 9056-9061.	6.5	31
9	Optimization and application of atmospheric pressure chemical and photoionization hydrogen-deuterium exchange mass spectrometry for speciation of oxygen-containing compounds. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3281-3293.	3.7	17
10	Structure-dependent degradation of polar compounds in weathered oils observed by atmospheric pressure photo-ionization hydrogen/deuterium exchange ultrahigh resolution mass spectrometry. <i>Journal of Hazardous Materials</i> , 2015, 296, 93-100.	12.4	35