Donghwi Kim

List of Publications by Year
in descending order

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