Jihye Kim

List of Publications by Year
in descending order

20	922	567281 15	794594 19
papers	citations	h-index	g-index

20	20	20	1595
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biodegradable scaffold with built-in vasculature for organ-on-a-chip engineering and direct surgical anastomosis. Nature Materials, 2016, 15, 669-678.	27.5	471
2	Single-drop microextraction as a powerful pretreatment tool for capillary electrophoresis: A review. Analytica Chimica Acta, 2012, 739, 14-24.	5.4	60
3	A droplet-based screen for wavelength-dependent lipid production in algae. Energy and Environmental Science, 2014, 7, 2366.	30.8	48
4	Sensitive arsenic analysis by carrier-mediated counter-transport single drop microextraction coupled with capillary electrophoresis. Microchemical Journal, 2013, 106, 220-225.	4.5	42
5	Single-drop microextraction in bioanalysis. Bioanalysis, 2011, 3, 799-815.	1.5	41
6	Sensitive analysis of amino acids with carrier-mediated single drop microextraction in-line coupled with capillary electrophoresis. Journal of Chromatography A, 2011, 1218, 7227-7233.	3.7	35
7	Large volume stacking using an EOF pump in NACEâ€MS. Electrophoresis, 2009, 30, 1046-1051.	2.4	30
8	A digital microfluidic interface between solid-phase microextraction and liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2016, 1444, 1-7.	3.7	29
9	Novel and simple headspace in-tube microextraction coupled with capillary electrophoresis. Journal of Chromatography A, 2014, 1346, 117-122.	3.7	28
10	Headspaceâ€single drop microextraction with a commercial capillary electrophoresis instrument. Electrophoresis, 2012, 33, 2961-2968.	2.4	25
11	A Microfluidic Technique for Quantification of Steroids in Core Needle Biopsies. Analytical Chemistry, 2015, 87, 4688-4695.	6.5	21
12	Direct Interface between Digital Microfluidics and High Performance Liquid Chromatographyâ€“Mass Spectrometry. Analytical Chemistry, 2015, 87, 11967-11972.	6.5	20
13	In-line coupling of single-drop microextraction with capillary electrophoresis-mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 8745-8752.	3.7	18
14	Synergistic coupling of in-line single-drop microextraction and on-line large-volume sample stacking for capillary electrophoresis/mass spectrometry. Analytical and Bioanalytical Chemistry, 2019, 411, 1067-1073.	3.7	17
15	Selective removal of radioactive iodine from water using reusable Fe@Pt adsorbents. Water Research, 2022, 222, 118864.	11.3	17
16	Constituent analysis of metal and metal oxide in reduced SIMFuel using bromine-ethyl acetate. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 1253-1259.	1.5	7
17	Review of the development in determination of 129I amount and the isotope ratio of 129I/127I using mass spectrometric measurements. Microchemical Journal, 2021, 169, 106476.	4.5	6
18	Isotachophoretically Assisted On-Line Complexation of Trace Metal Ions in a Highly Saline Matrix for Capillary Electrophoresis. Bulletin of the Korean Chemical Society, 2012, 33, 790-794.	1.9	5

#	Article	IF	Citations
19	Concentration determination of I2 and Iâ˜ formed by thermal and radiolytic decomposition of NaIO3. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 475-480.	1.5	2
20	Fluorescent Assay of Cyclic Nucleotide Phosphodiesterase Activity in a Neutral Aqueous Solution. Bulletin of the Korean Chemical Society, 2013, 34, 31-32.	1.9	0