

# Jihye Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/380376/publications.pdf>

Version: 2024-02-01

20  
papers

922  
citations

567281

15  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective removal of radioactive iodine from water using reusable Fe@Pt adsorbents. <i>Water Research</i> , 2022, 222, 118864.	11.3	17
2	Concentration determination of I <sub>2</sub> and I <sup>-</sup> formed by thermal and radiolytic decomposition of NaIO <sub>3</sub> . <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 475-480.	1.5	2
3	Review of the development in determination of <sup>129</sup> I amount and the isotope ratio of <sup>129</sup> I/ <sup>127</sup> I using mass spectrometric measurements. <i>Microchemical Journal</i> , 2021, 169, 106476.	4.5	6
4	Synergistic coupling of in-line single-drop microextraction and on-line large-volume sample stacking for capillary electrophoresis/mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1067-1073.	3.7	17
5	Constituent analysis of metal and metal oxide in reduced SIMFuel using bromine-ethyl acetate. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 1253-1259.	1.5	7
6	A digital microfluidic interface between solid-phase microextraction and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1444, 1-7.	3.7	29
7	Biodegradable scaffold with built-in vasculature for organ-on-a-chip engineering and direct surgical anastomosis. <i>Nature Materials</i> , 2016, 15, 669-678.	27.5	471
8	A Microfluidic Technique for Quantification of Steroids in Core Needle Biopsies. <i>Analytical Chemistry</i> , 2015, 87, 4688-4695.	6.5	21
9	Direct Interface between Digital Microfluidics and High Performance Liquid Chromatography-mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 11967-11972.	6.5	20
10	In-line coupling of single-drop microextraction with capillary electrophoresis-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8745-8752.	3.7	18
11	Novel and simple headspace in-tube microextraction coupled with capillary electrophoresis. <i>Journal of Chromatography A</i> , 2014, 1346, 117-122.	3.7	28
12	A droplet-based screen for wavelength-dependent lipid production in algae. <i>Energy and Environmental Science</i> , 2014, 7, 2366.	30.8	48
13	Sensitive arsenic analysis by carrier-mediated counter-transport single drop microextraction coupled with capillary electrophoresis. <i>Microchemical Journal</i> , 2013, 106, 220-225.	4.5	42
14	Fluorescent Assay of Cyclic Nucleotide Phosphodiesterase Activity in a Neutral Aqueous Solution. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 31-32.	1.9	0
15	Single-drop microextraction as a powerful pretreatment tool for capillary electrophoresis: A review. <i>Analytica Chimica Acta</i> , 2012, 739, 14-24.	5.4	60
16	Headspace-single drop microextraction with a commercial capillary electrophoresis instrument. <i>Electrophoresis</i> , 2012, 33, 2961-2968.	2.4	25
17	Isotachophoretically Assisted On-Line Complexation of Trace Metal Ions in a Highly Saline Matrix for Capillary Electrophoresis. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 790-794.	1.9	5
18	Single-drop microextraction in bioanalysis. <i>Bioanalysis</i> , 2011, 3, 799-815.	1.5	41

#	ARTICLE	IF	CITATIONS
19	Sensitive analysis of amino acids with carrier-mediated single drop microextraction in-line coupled with capillary electrophoresis. <i>Journal of Chromatography A</i> , 2011, 1218, 7227-7233.	3.7	35
20	Large volume stacking using an EOF pump in NACE-MS. <i>Electrophoresis</i> , 2009, 30, 1046-1051.	2.4	30