Hong Yu

List of Publications by Year
in descending order

50	516	687363 13	839539 18
papers	citations	h-index	g-index

57	57	57	279
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extraction and detection of quaternary ammonium ionic liquid cations in water samples. Environmental Chemistry Letters, 2021, 19, 1839-1845.	16.2	3
2	Monolithic Column Ion-Pair Chromatography with Indirect Ultraviolet Detection for the Determination of Three Acid Radical Anions Containing Fluorine in Ionic Liquids. Analytical Letters, 2020, 53, 21-30.	1.8	0
3	Separation and indirect ultraviolet detection of piperidinium cations by using imidazolium ionic liquids in liquid chromatography. Microchemical Journal, 2020, 153, 104368.	4.5	5
4	Simultaneous separation and indirect ultraviolet detection of chlorate and perchlorate by pyridinium ionic liquids in reversedâ€phase liquid chromatography. Journal of Separation Science, 2020, 43, 3868-3875.	2.5	3
5	Separation and indirect ultraviolet detection of common fluorine-containing anions by ionic liquids in reversed-phase chromatography. Journal of Liquid Chromatography and Related Technologies, 2020, 43, 597-603.	1.0	3
6	Reversedâ€phase ionâ€pair solidâ€phase extraction and ion chromatography analysis of pyrrolidinium ionic liquid cations in environmental water samples. Journal of Separation Science, 2020, 43, 2743-2749.	2.5	4
7	Separation and indirect ultraviolet detection of ferrous and trivalent iron ions by using ionic liquids in ion chromatography. Journal of Separation Science, 2019, 42, 3432-3438.	2.5	8
8	Extraction and determination of pyridinium ionic liquid cations in environmental water samples by using strong cation exchange solid phase extraction and ion chromatography. International Journal of Environmental Analytical Chemistry, 2019, 99, 901-912.	3.3	3
9	Determination of morpholinium ionic liquid cations in environmental water samples: development of solid-phase extraction method and ion chromatography. Analytical and Bioanalytical Chemistry, 2019, 411, 3427-3434.	3.7	10
10	Ionic liquids as mobile phase additives for determination of thiocyanate and iodide by liquid chromatography. Journal of Separation Science, 2019, 42, 1733-1739.	2.5	17
11	Determination of Piperidinium Cations by Hydrophilic Interaction Chromatography with Imidazolium Ionic Liquids as Mobile Phase Additives. Journal of Analytical Chemistry, 2019, 74, 126-133.	0.9	1
12	Reversed-phase ion-pair chromatography of hydroxyl functionalized imidazolium ionic liquid cations and its application in analysis of environmental water and measurement of hydrophobicity constants. Microchemical Journal, 2019, 145, 988-995.	4.5	13
13	Rapid Determination of Pyrrolidinium Cations by Ion-Pair Chromatography With Imidazolium Ionic Liquids. Journal of Chromatographic Science, 2018, 56, 202-208.	1.4	6
14	Analysis of Morpholinium Ionic Liquid Cations by Hydrophilic Interaction Columns Coupled with Indirect UV Detection. Journal of the Chinese Chemical Society, 2018, 65, 726-734.	1.4	2
15	Determination of alkyl ammonium ionic liquid cations by hydrophilic interaction liquid chromatography and its application in analysis of environmental water. Analytical Methods, 2018, 10, 2812-2820.	2.7	13
16	Determination of piperidinium ionic liquid cations in environmental water samples by solid phase extraction and hydrophilic interaction liquid chromatography. Journal of Chromatography A, 2018, 1559, 136-140.	3.7	21
17	Imidazolium ionic liquids as mobile phase additives in reversed phase liquid chromatography for the determination of iodide and iodate. Analytical and Bioanalytical Chemistry, 2018, 410, 7347-7355.	3.7	19
18	Rapid and simultaneous determination of piperidinium and pyrrolidinium ionic liquid cations by ion pair chromatography coupled with direct conductivity detection. Chinese Chemical Letters, 2017, 28, 126-130.	9.0	11

#	Article	IF	Citations
19	Indirect ultraviolet detection of alkaline earth metal ions using an imidazolium ionic liquid as an ultraviolet absorption reagent in ion chromatography. Journal of Separation Science, 2017, 40, 1660-1666.	2.5	23
20	Effect of ultraviolet absorption reagent for determination of piperidinium ionic liquid cations by ion pair chromatography with indirect ultraviolet detection. Journal of Liquid Chromatography and Related Technologies, 2017, 40, 671-676.	1.0	4
21	Imidozolium Ionic Liquids as Mobile Phase Additives in Reversed Phase Liquid Chromatography for the Analysis of Anions. Chromatographia, 2017, 80, 1615-1622.	1.3	10
22	Ion Exchange Chromatography-Indirect Ultraviolet Detection for Separation and Determination of Morpholinium Ionic Liquid Cations. Journal of Chromatographic Science, 2017, 55, 7-13.	1.4	6
23	Ion chromatography with the indirect ultraviolet detection of alkali metal ions and ammonium using imidazolium ionic liquid as ultraviolet absorption reagent and eluent. Journal of Separation Science, 2016, 39, 3156-3162.	2.5	17
24	Determination of Nicotinamide inThallus laminariae(Kelp) by Ionic Liquid Extraction and High-Performance Liquid Chromatography. Analytical Letters, 2016, 49, 1154-1162.	1.8	5
25	Simultaneous determination of tetrabutyl ammonium and tetrabutyl phosphonium in environmental water samples by solid phase extraction and ion chromatography. Analytical Methods, 2016, 8, 2427-2433.	2.7	7
26	High-performance liquid chromatography utilization of ionic liquids as mobile phase additives for separation and determination of the isomers of amino benzoic acids. Chinese Chemical Letters, 2016, 27, 749-752.	9.0	16
27	Hydrophilic interaction liquid chromatography for separation and determination of pyrrolidinium ionic liquid cations. Analytical Methods, 2016, 8, 840-845.	2.7	9
28	Ion Chromatography of Tri-Substituted Imidazolium Ionic Liquid Cations: Method and Application for Octanolâ€“Water Partition Coefficient (K_{OW}) Determination. Journal of Liquid Chromatography and Related Technologies, 2015, 38, 1267-1272.	1.0	4
29	Determination of pyrrolidinium ionic liquid cations by ion chromatography-indirect ultraviolet detection with imidazolium ionic liquids as both an ultraviolet absorption reagent and an eluting agent. Analytical Methods, 2015, 7, 5654-5660.	2.7	22
30	Hydrophilic interaction liquid chromatography with indirect ultraviolet detection for the separation and quantification of pyrrolidinium ionic liquid cations. Chinese Chemical Letters, 2015, 26, 1371-1375.	9.0	10
31	Determination of tetraethyl ammonium by ion-pair chromatography with indirect ultraviolet detection using 4-aminophenol hydrochloride as background ultraviolet absorbing reagent. Chinese Chemical Letters, 2014, 25, 201-204.	9.0	19
32	RAPID METHOD FOR DETERMINATION OF HOMOLOGUE IMIDAZOLIUM IONIC LIQUID CATIONS BY ION-PAIR CHROMATOGRAPHY USING A MONOLITHIC COLUMN. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 73-87.	1.0	13
33	Imidazolium ionic liquid as the background ultraviolet absorption reagent for determination of morpholinium cations by high performance liquid chromatography-indirect ultraviolet detection. Chinese Chemical Letters, 2014, 25, 1371-1374.	9.0	19
34	RAPID AND SIMULTANEOUS DETERMINATION OF TRIFLUOROACETATE, TRIFLUOROMETHANESULFONATE, TETRAFLUOROBORATE, AND HEXAFLUOROPHOSPHATE ORGANIC AND INORGANIC ANIONS OF IONIC LIQUIDS BY ION-PAIR CHROMATOGRAPHY USING A REVERSED-PHASE SILICA-BASED MONOLITHIC COLUMN AND CONDUCTIVITY DETECTION. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 1490-1502.	1.0	4
35	Separation and determination of pyrrolidinium ionic liquid cations by ion chromatography with direct conductivity detection. Chinese Chemical Letters, 2013, 24, 503-505.	9.0	9
36	Fast analysis of thiocyanate by ion-pair chromatography with direct conductivity detection on a monolithic column. Chinese Chemical Letters, 2013, 24, 1067-1069.	9.0	17

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37	Rapid Determination of Pyrrolidinium Ionic Liquid Cations by Monolithic Column-Ion-pair Chromatography with Indirect Ultraviolet Detection. Chinese Journal of Analytical Chemistry, 2013, 41, 1057.	1.7	6
38	Rapid and simultaneous determination of imidazolium and pyridinium ionic liquid cations by ion-pair chromatography using a monolithic column. Chinese Chemical Letters, 2012, 23, 843-846.	9.0	11
39	DETERMINATION OF PYRIDINIUM IONIC LIQUID CATIONS BY ION CHROMATOGRAPHY WITH DIRECT CONDUCTIVITY DETECTION. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 1184-1193.	1.0	10
40	Determination of Homologue Imidazolium Ionic Liquid Cations by Ion Chromatography Using a Carboxyl Acid Cation-Exchange Column with Direct Conductivity Detection. Analytical Letters, 2011, 44, 922-931.	1.8	9
41	Determination of Pyridinium Ionic Liquid Cations by Reversed Phase Ion-Pair Chromatography Using Gradient Elution. Chromatographia, 2011, 73, 367-371.	1.3	15
42	Rapid Determination of Trifluoromethanesulfonate and p-Toluenesulfonate by Ion-Pair Chromatography Using a Reversed-Phase Silica-Based Monolithic Column: Application to the Analysis of Ionic Liquids. Chromatographia, 2011, 74, 759-765.	1.3	5
43	Rapid and Simultaneous Determination of Tetrafluoroborate, Thiocyanate and Hexafluorophosphate by High-Performance Liquid Chromatography Using a Monolithic Column and Direct Conductivity Detection. Analytical Sciences, 2010, 26, 861-866.	1.6	9
44	A Simple Method for Determination of Homologue Imidazolium Cations in Ionic Liquids Using IC with Direct Conductivity Detection. Chromatographia, 2010, 72, 225-230.	1.3	5
45	LC Analysis of Hexafluorophosphate on a Monolithic Column: Application to the Analysis of Ionic Liquids. Chromatographia, 2010, 72, 307-311.	1.3	11
46	Determination of Imidazolium Ionic Liquid Cations by Ion-Pair Chromatography Using a Monolithic Column and Direct Conductivity Detection. Chromatographia, 2010, 71, 475-479.	1.3	11
47	Rapid Analysis of Nitrate and Nitrite by Ion-Interaction Chromatography on a Monolithic Column. Chromatographia, 2009, 70, 1017-1022.	1.3	8
48	Effect of Column Temperature on the Retention of Inorganic Anions and Organic Acids in Non-Suppressed Anion-Exchange IC. Chromatographia, 2008, 68, 611-616.	1.3	21
49	Effect of temperature on the retention of amino acids and carbohydrates in high-performance anion-exchange chromatography. Journal of Chromatography A, 2006, 1118, 118-124.	3.7	23
50	Study of conductivity detection equation for unsuppressed anion-exchange chromatography. Chromatographia, 1999, 50, 223-228.	1.3	2