

Haixiang Gao

List of Publications by Year in descending order

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154
papers

9,868
citations

30047

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162
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162
docs citations

162
times ranked

5697
citing authors

#	ARTICLE	IF	CITATIONS
1	Azole-Based Energetic Salts. <i>Chemical Reviews</i> , 2011, 111, 7377-7436.	23.0	1,023
2	Desulfurization of Flue Gas: SO ₂ Absorption by an Ionic Liquid. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2415-2417.	7.2	504
3	Trinitromethyl-Substituted 5-Nitro- or 3-Azo-1,2,4-triazoles: Synthesis, Characterization, and Energetic Properties. <i>Journal of the American Chemical Society</i> , 2011, 133, 6464-6471.	6.6	338
4	Microemulsions with ionic liquid polar domains. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 2914.	1.3	332
5	Determination of four heterocyclic insecticides by ionic liquid dispersive liquid-liquid microextraction in water samples. <i>Journal of Chromatography A</i> , 2009, 1216, 885-891.	1.8	291
6	Mannich reaction using acidic ionic liquids as catalysts and solvents Electronic supplementary information (ESI) available: spectral data for the Mannich products, IR spectrum of the acidic ionic liquids. See http://www.rsc.org/suppdata/gc/b3/b309700p/ . <i>Green Chemistry</i> , 2004, 6, 75.	4.6	271
7	Fused heterocycle-based energetic materials (2012-2019). <i>Journal of Materials Chemistry A</i> , 2020, 8, 4193-4216.	5.2	263
8	Hydrogenation of olefins using ligand-stabilized palladium nanoparticles in an ionic liquid. <i>Chemical Communications</i> , 2003, , 1654.	2.2	192
9	Computational Characterization of Energetic Salts. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10718-10731.	1.5	190
10	Aqueous/ionic liquid interfacial polymerization for preparing polyaniline nanoparticles. <i>Polymer</i> , 2004, 45, 3017-3019.	1.8	170
11	Energetic Salts of 3-Nitro-1,2,4-triazole-5-one, 5-Nitroaminotetrazole, and Other Nitro-Substituted Azoles. <i>Chemistry of Materials</i> , 2007, 19, 1731-1739.	3.2	167
12	Ionic Liquids as Hypergolic Fuels. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9554-9562.	7.2	162
13	Conjugated Energetic Salts Based on Fused Rings: Insensitive and Highly Dense Materials. <i>Journal of the American Chemical Society</i> , 2018, 140, 15001-15007.	6.6	134
14	Hypergolic Ionic Liquids with the 2,2-Dialkyltriazanium Cation. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2792-2795.	7.2	120
15	Ionic liquid catalyzed Henry reactions. <i>Tetrahedron Letters</i> , 2004, 45, 2699-2701.	0.7	119
16	Magnetic retrieval of ionic liquids: Fast dispersive liquid-liquid microextraction for the determination of benzoylurea insecticides in environmental water samples. <i>Journal of Chromatography A</i> , 2012, 1254, 23-29.	1.8	115
17	Energetic Salts Based on Monoanions of <i>N</i> -bis(1-hydroxy-5-tetrazolyl)amine and 5,5-bis(tetrazole). <i>Chemistry - A European Journal</i> , 2010, 16, 3753-3762.	1.7	112
18	Comparison of the performance of conventional, temperature-controlled, and ultrasound-assisted ionic liquid dispersive liquid-liquid microextraction combined with high-performance liquid chromatography in analyzing pyrethroid pesticides in honey samples. <i>Journal of Chromatography A</i> , 2011, 1218, 6621-6629.	1.8	110

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19	2,4,5-Trinitroimidazole-Based Energetic Salts. Chemistry - A European Journal, 2007, 13, 3853-3860.	1.7	108
20	Preparation of Room-Temperature Ionic Liquids by Neutralization of 1,1,3,3-Tetramethylguanidine with Acids and their Use as Media for Mannich Reaction. Synthetic Communications, 2004, 34, 3083-3089.	1.1	107
21	Inorganic or Organic Azide-Containing Hypergolic Ionic Liquids As poster published in 1st Korean International Symposium on High Energy Materials, Incheon, Korea, October 6~9, 2009.. Inorganic Chemistry, 2010, 49, 3282-3288.	1.9	103
22	Polyazidopyrimidines: High-Energy Compounds and Precursors to Carbon Nanotubes. Angewandte Chemie - International Edition, 2006, 45, 7262-7265.	7.2	101
23	Nitrogen-Rich Heterocycles. , 2007, , 35-83.		98
24	Borohydride Ionic Liquids and Borane/Ionic-Liquid Solutions as Hypergolic Fuels with Superior Low Ignition-Delay Times. Angewandte Chemie - International Edition, 2014, 53, 2969-2972.	7.2	98
25	Deep eutectic solvent-based ultrasound-assisted dispersive liquid-liquid microextraction coupled with high-performance liquid chromatography for the determination of ultraviolet filters in water samples. Journal of Chromatography A, 2017, 1516, 1-8.	1.8	93
26	Energetic mono and dibasic 5-dinitromethyltetrazolates: synthesis, properties, and particle processing. Journal of Materials Chemistry, 2007, 17, 3819.	6.7	86
27	Use of magnetic effervescent tablet-assisted ionic liquid dispersive liquid-liquid microextraction to extract fungicides from environmental waters with the aid of experimental design methodology. Analytica Chimica Acta, 2016, 906, 118-127.	2.6	85
28	Conductivities and Viscosities of the Ionic Liquid [bmim][PF6] + Water + Ethanol and [bmim][PF6] + Water + Acetone Ternary Mixtures. Journal of Chemical & Engineering Data, 2003, 48, 1315-1317.	1.0	83
29	Oxide 1,2,4,5-Tetrazine-Based High-Performance Energetic Materials. Chemistry - A European Journal, 2014, 20, 16943-16952.	1.7	77
30	Syntheses and Promising Properties of Dense Energetic 5,5-Dinitramino-3,3,4,4-tetraazido-1,2,4-oxadiazole and Its Salts. Angewandte Chemie - International Edition, 2016, 55, 3200-3203.	7.2	75
31	Ionic liquid-linked dual magnetic microextraction: A novel and facile procedure for the determination of pyrethroids in honey samples. Talanta, 2013, 107, 81-87.	2.9	74
32	The Many Faces of FOX-7: A Precursor to High-Performance Energetic Materials. Angewandte Chemie - International Edition, 2015, 54, 6335-6338.	7.2	73
33	Boosting energetic performance by trimerizing furoxan. Journal of Materials Chemistry A, 2018, 6, 9391-9396.	5.2	73
34	Facile synthesis of multifunctional attapulgite/Fe3O4/polyaniline nanocomposites for magnetic dispersive solid phase extraction of benzoylurea insecticides in environmental water samples. Analytica Chimica Acta, 2016, 934, 114-121.	2.6	72
35	3-Amino-6-nitroamino-tetrazine (ANAT)-based energetic salts. Chemical Communications, 2006, , 4007.	2.2	71
36	Nitroamino Triazoles: Nitrogen-Rich Precursors of Stable Energetic Salts. European Journal of Inorganic Chemistry, 2008, 2008, 2560-2568.	1.0	69

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37	In-syringe dispersive liquid-liquid microextraction based on the solidification of ionic liquids for the determination of benzoylurea insecticides in water and tea beverage samples. <i>Talanta</i> , 2017, 162, 625-633.	2.9	69
38	Hypergolic β -Dimethylhydrazinium Ionic Liquids. <i>Chemistry - A European Journal</i> , 2010, 16, 3114-3120.	1.7	66
39	Using β -cyclodextrin/attapulgitite-immobilized ionic liquid as sorbent in dispersive solid-phase microextraction to detect the benzoylurea insecticide contents of honey and tea beverages. <i>Food Chemistry</i> , 2016, 197, 1064-1072.	4.2	66
40	Ultrasound-assisted dispersive liquid-liquid microextraction based on a hydrophobic deep eutectic solvent for the preconcentration of pyrethroid insecticides prior to determination by high-performance liquid chromatography. <i>Microchemical Journal</i> , 2019, 146, 614-621.	2.3	66
41	Nonaqueous microemulsion-containing ionic liquid [bmim][PF ₆] as polar microenvironment. <i>Colloid and Polymer Science</i> , 2005, 283, 1371-1375.	1.0	65
42	1,4-Diaziridin-2-one and Corresponding Salts: Synthesis, Characterization, and Thermolysis Studies. <i>Chemistry - A European Journal</i> , 2011, 17, 4613-4618.	1.7	65
43	Heterocyclic-Based Nitrocyanomethanide and Dinitrocyanomethanide Salts: A Family of New Energetic Ionic Liquids. <i>Inorganic Chemistry</i> , 2007, 46, 932-938.	1.9	62
44	Centrifuge-less dispersive liquid-liquid microextraction base on the solidification of switchable solvent for rapid on-site extraction of four pyrethroid insecticides in water samples. <i>Journal of Chromatography A</i> , 2016, 1472, 1-9.	1.8	60
45	Fused rings with β -oxide and NH_2 : good combination for high density and low sensitivity energetic materials. <i>Chemical Communications</i> , 2019, 55, 8979-8982.	2.2	59
46	Enhancing Energetic Properties and Sensitivity by Incorporating Amino and Nitramino Groups into a 1,2,4-Oxadiazole Building Block. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1147-1150.	7.2	58
47	Energetic Nitrate, Perchlorate, Azide and Azolate Salts of Hexamethylenetetramine. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2959-2965.	1.0	57
48	Synthesis and Characterization of New Energetic Nitroformate Salts. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2025-2030.	1.0	57
49	Ionic liquid solubilized boranes as hypergolic fluids. <i>Journal of Materials Chemistry</i> , 2012, 22, 11022.	6.7	57
50	Tri-phase behavior of ionic liquid-water-CO ₂ system at elevated pressures. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 5051-5055.	1.3	55
51	The Synthesis of Di(aminoguanidine) 5-Nitroiminotetrazolate: Some Diprotic or Monoprotic Acids as Precursors of Energetic Salts. <i>Chemistry - A European Journal</i> , 2008, 14, 5596-5603.	1.7	55
52	Attapulgitite modified magnetic metal-organic frameworks for magnetic solid phase extraction and determinations of benzoylurea insecticides in tea infusions. <i>Food Chemistry</i> , 2020, 317, 126425.	4.2	54
53	Taming of the Silver FOX. <i>Journal of the American Chemical Society</i> , 2010, 132, 8888-8890.	6.6	51
54	1,2,4-Triazole Links and Azo Bridges Yield Energetic Compounds. <i>Chemistry - A European Journal</i> , 2015, 21, 11401-11407.	1.7	51

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55	Vortex-assisted magnetic β -cyclodextrin/attapulgite-linked ionic liquid dispersive liquid-liquid microextraction coupled with high-performance liquid chromatography for the fast determination of four fungicides in water samples. <i>Journal of Chromatography A</i> , 2015, 1381, 37-47.	1.8	50
56	A study of tri-phasic behavior of ionic liquid-methanol-CO ₂ systems at elevated pressures. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 2352-2357.	1.3	49
57	Effervescence-assisted β -cyclodextrin/attapulgite composite for the in-syringe dispersive solid-phase extraction of pyrethroids in environmental water samples. <i>Talanta</i> , 2016, 153, 353-359.	2.9	49
58	In-situ metathesis reaction combined with ultrasound-assisted ionic liquid dispersive liquid-liquid microextraction method for the determination of phenylurea pesticides in water samples. <i>Talanta</i> , 2012, 98, 145-151.	2.9	48
59	A dispersive magnetic solid phase microextraction based on ionic liquid-coated and cyclodextrin-functionalized magnetic core dendrimer nanocomposites for the determination of pyrethroids in juice samples. <i>Food Chemistry</i> , 2018, 268, 485-491.	4.2	46
60	Dense energetic salts of N,N-dinitrourea (DNU). <i>New Journal of Chemistry</i> , 2008, 32, 317-322.	1.4	45
61	Azolium Salts Functionalized with Cyanomethyl, Vinyl, or Propargyl Substituents and Dicyanamide, Dinitramide, Perchlorate and Nitrate Anions. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4965-4972.	1.0	44
62	Application of ionic liquids for liquid-liquid microextraction. <i>Analytical Methods</i> , 2013, 5, 5376.	1.3	43
63	Recent progress in taming FOX-7 (1,1-diamino-2,2-dinitroethene). <i>RSC Advances</i> , 2016, 6, 56271-56277.	1.7	43
64	β -CD/ATP composite materials for use in dispersive solid-phase extraction to measure (fluoro)quinolone antibiotics in honey samples. <i>Analytica Chimica Acta</i> , 2015, 878, 131-139.	2.6	42
65	Ionic liquid-assisted liquid-phase microextraction based on the solidification of floating organic droplets combined with high performance liquid chromatography for the determination of benzoylurea insecticide in fruit juice. <i>Journal of Chromatography A</i> , 2014, 1360, 47-56.	1.8	41
66	Vortex-assisted deep eutectic solvent reversed-phase liquid-liquid microextraction of triazine herbicides in edible vegetable oils. <i>Journal of Chromatography A</i> , 2019, 1589, 10-17.	1.8	41
67	Attapulgite modified with covalent organic frameworks as the sorbent in dispersive solid phase extraction for the determination of pyrethroids in environmental water samples. <i>Microchemical Journal</i> , 2020, 153, 104522.	2.3	40
68	Highly Dense Nitranilates Containing Nitrogen-Rich Cations. <i>Chemistry - A European Journal</i> , 2009, 15, 917-923.	1.7	39
69	Application of ionic liquid-supported magnetic dispersive solid-phase microextraction for the determination of acaricides in fruit juice samples. <i>Journal of Separation Science</i> , 2013, 36, 3249-3255.	1.3	39
70	Dispersive liquid-liquid microextraction based on the solidification of deep eutectic solvent for the determination of benzoylureas in environmental water samples. <i>Journal of Separation Science</i> , 2017, 40, 4563-4570.	1.3	39
71	Novel Zeolitic Imidazolate Frameworks Based on Magnetic Multiwalled Carbon Nanotubes for Magnetic Solid-Phase Extraction of Organochlorine Pesticides from Agricultural Irrigation Water Samples. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 959.	1.3	38
72	In situ metathesis reaction combined with liquid-phase microextraction based on the solidification of sedimentary ionic liquids for the determination of pyrethroid insecticides in water samples. <i>Talanta</i> , 2015, 144, 98-104.	2.9	37

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73	Lathyril Diterpenes as Modulators of P-Glycoprotein Dependent Multidrug Resistance: Structure-Activity Relationship Studies on <i>Euphorbia</i> Factor L ₃ Derivatives. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3720-3738.	2.9	37
74	A rapid and simple pretreatment method for benzoylurea insecticides in honey samples using in-syringe dispersive liquid-liquid microextraction based on the direct solidification of ionic liquids. <i>Journal of Chromatography A</i> , 2016, 1471, 60-67.	1.8	37
75	Pentafluorosulfanyl (SF ₅) Containing Energetic Salts. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3221-3226.	1.0	36
76	Strategies Toward Syntheses of Triazolyl- or Triazolium-Functionalized Unsymmetrical Energetic Salts. <i>Chemistry of Materials</i> , 2007, 19, 144-152.	3.2	36
77	Determination of insecticides in water using <i>in situ</i> halide exchange reaction-assisted ionic liquid dispersive liquid-liquid microextraction followed by high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2011, 34, 3178-3185.	1.3	36
78	Preparation of a magnetic multiwalled carbon nanotube@polydopamine/zeolitic imidazolate framework-8 composite for magnetic solid-phase extraction of triazole fungicides from environmental water samples. <i>RSC Advances</i> , 2018, 8, 25351-25360.	1.7	36
79	Polycyanoanion-Based Energetic Salts. <i>Chemistry - A European Journal</i> , 2008, 14, 1282-1290.	1.7	35
80	An ionic liquid-based nanofluid of titanium dioxide nanoparticles for effervescence-assisted dispersive liquid-liquid extraction for acaricide detection. <i>Journal of Chromatography A</i> , 2017, 1497, 1-8.	1.8	35
81	Extraction of benzoylurea pesticides from tea and fruit juices using deep eutectic solvents. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1140, 121995.	1.2	35
82	Functionalized Tetrazole Energetics: A Route to Enhanced Performance. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 157-191.	0.6	35
83	Effervescence-assisted dispersive liquid-liquid microextraction based on the solidification of a floating ionic liquid with a special collection method for the rapid determination of benzoylurea insecticides in water samples. <i>RSC Advances</i> , 2016, 6, 95283-95291.	1.7	34
84	Detection of triazole pesticides in environmental water and juice samples using dispersive liquid-liquid microextraction with solidified sedimentary ionic liquids. <i>New Journal of Chemistry</i> , 2016, 40, 4696-4704.	1.4	33
85	Magnetic mixed hemimicelles dispersive solid-phase extraction based on ionic liquid-coated attapulgite/polyaniline-polypyrrole/Fe ₃ O ₄ nanocomposites for determination of acaricides in fruit juice prior to high-performance liquid chromatography-diode array detection. <i>Talanta</i> , 2017, 166, 93-100.	2.9	33
86	Energized nitro-substituted azoles through ether bridges. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15576-15582.	5.2	32
87	Determination of benzoylurea insecticides in environmental water and honey samples using ionic-liquid-mingled air-assisted liquid-liquid microextraction based on solidification of floating organic droplets. <i>RSC Advances</i> , 2015, 5, 25572-25580.	1.7	32
88	Energetic dinitromethyl group functionalized azofurazan and its azofurazanates. <i>RSC Advances</i> , 2016, 6, 91477-91482.	1.7	32
89	Rapid analysis of fungicides in tea infusions using ionic liquid immobilized fabric phase sorptive extraction with the assistance of surfactant fungicides analysis using IL-FPSE assisted with surfactant. <i>Food Chemistry</i> , 2018, 239, 797-805.	4.2	32
90	Dinitromethyl groups enliven energetic salts. <i>Energetic Materials Frontiers</i> , 2020, 1, 2-15.	1.3	32

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91	PEG-modified magnetic Schiff base network-1 materials for the magnetic solid phase extraction of benzoylurea pesticides from environmental water samples. <i>Journal of Chromatography A</i> , 2020, 1619, 460950.	1.8	32
92	Extensible automated dispersive liquid-liquid microextraction. <i>Analytica Chimica Acta</i> , 2015, 872, 46-54.	2.6	30
93	Energetic salts based on nitroiminotetrazole-containing acetic acid. <i>Journal of Materials Chemistry</i> , 2012, 22, 6123.	6.7	29
94	Dispersive micro-solid phase extraction based on self-assembling, ionic liquid-coated magnetic particles for the determination of clofentezine and chlorfenapyr in environmental water samples. <i>Analyst</i> , 2013, 138, 6834.	1.7	28
95	Magnetic nanoparticles modified with hyperbranched polyamidoamine for the extraction of benzoylurea insecticides prior to their quantitation by HPLC. <i>Mikrochimica Acta</i> , 2019, 186, 351.	2.5	28
96	Determination of triazole pesticides in rat blood by the combination of ultrasound-enhanced temperature-controlled ionic liquid dispersive liquid-liquid microextraction coupled to high-performance liquid chromatography. <i>Analytical Methods</i> , 2013, 5, 2241.	1.3	27
97	Challenging the limits of nitrogen and oxygen content of fused rings. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17411-17414.	5.2	25
98	Energetic polymer salts from 1-vinyl-1,2,4-triazole derivatives. <i>Journal of Polymer Science Part A</i> , 2008, 46, 2414-2421.	2.5	24
99	Dispersive micro-solid phase extraction of benzoylurea insecticides in honey samples with a β -cyclodextrin-modified attapulgitite composite as sorbent. <i>Journal of Separation Science</i> , 2016, 39, 412-418.	1.3	24
100	In situ solvent formation microextraction combined with magnetic dispersive micro-solid phase extraction for the determination of benzoylurea insecticides in water samples. <i>Journal of Separation Science</i> , 2017, 40, 442-448.	1.3	24
101	Ionic liquid-type surfactant modified attapulgitite as a novel and efficient dispersive solid phase material for fast determination of pyrethroids in tea drinks. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1089, 70-77.	1.2	23
102	Magnetic solid-phase extraction of pyrethroid insecticides from tea infusions using ionic liquid-modified magnetic zeolitic imidazolate framework-8 as an adsorbent. <i>RSC Advances</i> , 2019, 9, 39272-39281.	1.7	23
103	Energetic N,N' -bis(2,2,2-trifluoroethyl)tetraaminopiperazinium Salts. <i>ChemSusChem</i> , 2008, 1, 222-227.	3.6	22
104	Syntheses and Promising Properties of Dense Energetic 5,5-Dinitramino-3,3,3-trifluoro-1,2,4-oxadiazole and Its Salts. <i>Angewandte Chemie</i> , 2016, 128, 3252-3255.	1.8	22
105	Synthesis and characterization of polyether structure carbon nitride. <i>Journal of Materials Research</i> , 2004, 19, 1736-1741.	1.2	21
106	Ionic liquid-based totally organic solvent-free emulsification microextraction coupled with high performance liquid chromatography for the determination of three acaricides in fruit juice. <i>Talanta</i> , 2013, 115, 556-562.	2.9	21
107	Effervescence-assisted dispersive solid phase extraction using ionic liquid-modified magnetic β -cyclodextrin/attapulgitite coupled with high-performance liquid chromatography for fungicide detection in honey and juice. <i>Journal of Separation Science</i> , 2016, 39, 4422-4428.	1.3	20
108	Magnetic solid phase extraction of benzoylurea insecticides in tea samples with Fe_3O_4 -hyperbranched polyester magnetic composite as sorbent. <i>Journal of Separation Science</i> , 2019, 42, 1610-1619.	1.3	20

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109	Hydrophobic deep eutectic solvents based membrane emulsification-assisted liquid-phase microextraction method for determination of pyrethroids in tea beverages. <i>Journal of Chromatography A</i> , 2020, 1623, 461204.	1.8	20
110	Enhancing Energetic Properties and Sensitivity by Incorporating Amino and Nitramino Groups into a 1,2,4-oxadiazole Building Block. <i>Angewandte Chemie</i> , 2016, 128, 1159-1162.	1.6	18
111	Pipette vial dispersive liquid-liquid microextraction combined with high-performance liquid chromatography for the determination of benzoylurea insecticide in fruit juice. <i>Journal of Separation Science</i> , 2016, 39, 391-398.	1.3	18
112	Dispersive solid-phase extraction based on β -cyclodextrin grafted hyperbranched polymers for determination of pyrethroids in environmental water samples. <i>Microchemical Journal</i> , 2019, 150, 104164.	2.3	18
113	In-syringe low-density ionic liquid dispersive liquid-liquid microextraction for the fast determination of pyrethroid insecticides in environmental water samples by HPLC-DAD. <i>RSC Advances</i> , 2016, 6, 69218-69225.	1.7	17
114	Investigation of the ultrasound effect and target analyte selectivity of dispersive liquid-liquid microextraction and its application to a quinocetone pharmacokinetic study. <i>Journal of Chromatography A</i> , 2012, 1268, 1-8.	1.8	16
115	Liquid phase microextraction based on the solidification of a floating ionic liquid combined with high-performance liquid chromatography for the preconcentration of phthalate esters in environmental waters and in bottled beverages. <i>RSC Advances</i> , 2016, 6, 36223-36230.	1.7	16
116	Ultrasound-assisted, hybrid ionic liquid, dispersive liquid-liquid microextraction for the determination of insecticides in fruit juices based on partition coefficients. <i>Journal of Separation Science</i> , 2017, 40, 3513-3521.	1.3	16
117	Determination of four pyrethroid insecticides in water samples through membrane emulsification-assisted liquid-liquid microextraction based on solidification of floating organic droplets. <i>Journal of Chromatography A</i> , 2018, 1559, 86-94.	1.8	16
118	Preparation of a magnetic graphene/polydopamine nanocomposite for magnetic dispersive solid-phase extraction of benzoylurea insecticides in environmental water samples. <i>Scientific Reports</i> , 2019, 9, 8919.	1.6	16
119	Synthesis and thermochemical properties of NF ₂ -containing energetic salts. <i>Journal of Fluorine Chemistry</i> , 2007, 128, 1410-1415.	0.9	15
120	Ionic liquid-modified luffa sponge fibers for dispersive solid-phase extraction of benzoylurea insecticides from water and tea beverage samples. <i>New Journal of Chemistry</i> , 2018, 42, 8791-8799.	1.4	15
121	Theoretical thermochemistry: Enthalpies of formation of a set of nitrogen-containing compounds. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 1688-1700.	1.0	14
122	Nonwoven polypropylene as a novel extractant phase holder for the determination of insecticides in environmental water samples. <i>Journal of Separation Science</i> , 2014, 37, 2545-2551.	1.3	14
123	Rapid determination of the pesticide ametryn based on a colorimetric aptasensor of gold nanoparticles. <i>Analytical Methods</i> , 2020, 12, 1919-1925.	1.3	14
124	Synthetic Methods for Preparing Ionic Liquids Containing Hypophosphite and Carbon-Extended Dicyanamide Anions. <i>Chemistry - A European Journal</i> , 2013, 19, 2947-2950.	1.7	13
125	USE OF IONIC LIQUID-BASED DISPERSIVE LIQUID-LIQUID MICROEXTRACTION AND HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY TO DETECT FORMALDEHYDE IN AIR, WATER, AND SOIL SAMPLES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 815-828.	0.5	13
126	Improving the density and properties of nitrogen-rich scaffolds by the introduction of a C-NO ₂ group. <i>New Journal of Chemistry</i> , 2018, 42, 16162-16166.	1.4	13

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127	Preparation of magnetic attapulgite/polypyrrole nanocomposites for magnetic effervescence-assisted dispersive solid-phase extraction of pyrethroids from honey samples. <i>Journal of Separation Science</i> , 2020, 43, 2419-2428.	1.3	13
128	Formation of organic chloramines during chlorination of 18 compounds. <i>Water Research</i> , 2021, 204, 117570.	5.3	13
129	Trinitroethyl as a functionality leading to energetic compounds with high nitro content. <i>RSC Advances</i> , 2014, 4, 24874.	1.7	12
130	Ultrasound-assisted emulsification magnetic microextraction: a fast and green method for the determination of triazole fungicides in fruit juice. <i>Analytical Methods</i> , 2014, 6, 8328-8336.	1.3	12
131	Colorimetric assay based on arginine-functionalized gold nanoparticles for the detection of dibutyl phthalate in Baijiu samples. <i>Analytical Methods</i> , 2021, 13, 5179-5186.	1.3	12
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