Rodjana Burakham

List of Publications by Year
in descending order

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		257450	330143
64	1,640	24	37
papers	citations	h-index	g-index

65	65	65	1735
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective Uptake and Bioaccumulation of Antidepressants in Fish from Effluent-Impacted Niagara River. Environmental Science & Technology, 2017, 51, 10652-10662.	10.0	166
2	Vortex-assisted surfactant-enhanced-emulsification liquidâ€“liquid microextraction with solidification of floating organic droplet combined with HPLC for the determination of neonicotinoid pesticides. Talanta, 2013, 117, 221-228.	5.5	99
3	Cloud-point extraction and reversed-phase high-performance liquid chromatography for the determination of carbamate insecticide residues in fruits. Analytical and Bioanalytical Chemistry, 2009, 394, 1307-1317.	3.7	81
4	Vortex-Assisted Dispersive Micro-Solid Phase Extraction Using CTAB-Modified Zeolite NaY Sorbent Coupled with HPLC for the Determination of Carbamate Insecticides. Journal of Agricultural and Food Chemistry, 2016, 64, 2145-2152.	5.2	65
5	Dispersive solid-phase extraction using polyaniline-modified zeolite NaY as a new sorbent for multiresidue analysis of pesticides in food and environmental samples. Talanta, 2017, 164, 651-661.	5.5	65
6	Micellar electrokinetic chromatography with amperometric detection and off-line solid-phase extraction for analysis of carbamate insecticides. Journal of Chromatography A, 2010, 1217, 5288-5297.	3.7	63
7	Prevalence of per- and polyfluoroalkyl substances (PFASs) in drinking and source water from two Asian countries. Chemosphere, 2020, 256, 127115.	8.2	54
8	Acid-induced cloud-point extraction coupled to spectrophotometry for the determination of carbaryl residues in waters and vegetables. Microchemical Journal, 2008, 90, 50-55.	4.5	52
9	Room temperature imidazolium ionic liquid: A solvent for extraction of carbamates prior to liquid chromatographic analysis. Talanta, 2011, 84, 1253-1258.	5.5	44
10	In-coupled syringe assisted octanolâ€“water partition microextraction coupled with high-performance liquid chromatography for simultaneous determination of neonicotinoid insecticide residues in honey. Talanta, 2015, 139, 21-26.	5.5	41
11	Determination of arsenic based on quenching of CdS quantum dots fluorescence using the gas-diffusion flow injection method. Talanta, 2011, 85, 1063-1069.	5.5	39
12	Methodological aspects of sample preparation for the determination of carbamate residues: A review. Journal of Separation Science, 2012, 35, 2373-2389.	2.5	39
13	Exploiting sequential injection analysis with lab-at-valve (LAV) approach for on-line liquidâ€“liquid micro-extraction spectrophotometry. Talanta, 2005, 68, 416-421.	5.5	32
14	An Eco-Friendly Hydrophobic Deep Eutectic Solvent-Based Dispersive Liquidâ€“Liquid Microextraction for the Determination of Neonicotinoid Insecticide Residues in Water, Soil and Egg Yolk Samples. Molecules, 2020, 25, 2785.	3.8	32
15	A water-compatible magnetic dual-template molecularly imprinted polymer fabricated from a ternary biobased deep eutectic solvent for the selective enrichment of organophosphorus in fruits and vegetables. Food Chemistry, 2022, 384, 132475.	8.2	32
16	Sequential injectionâ€bead injectionâ€labâ€onâ€valve coupled to highâ€performance liquid chromatography for online renewable microâ€solidâ€phase extraction of carbamate residues in food and environmental samples. Journal of Separation Science, 2011, 34, 1574-1581.	2.5	29
17	Eco-friendly fabrication of a magnetic dual-template molecularly imprinted polymer for the selective enrichment of organophosphorus pesticides for fruits and vegetables. Analytica Chimica Acta, 2021, 1186, 339128.	5.4	29
18	Evaluation of metal-organic framework NH2-MIL-101(Fe) as an efficient sorbent for dispersive micro-solid phase extraction of phenolic pollutants in environmental water samples. Heliyon, 2019, 5, e02848.	3.2	28

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19	A preconcentration method for analysis of neonicotinoids in honey samples by ionic liquid-based cold-induced aggregation microextraction. Talanta, 2016, 155, 216-221.	5.5	27
20	Air-Agitated Cloud-Point Extraction Coupled with High-Performance Liquid Chromatography for Determination of Heterocyclic Aromatic Amines in Smoked Sausages. Food Analytical Methods, 2017, 10, 1645-1652.	2.6	27
21	Turn-on fluorescent probe towards glyphosate and Cr³⁺ based on Cd(<scp>ii</scp>)-metal organic framework with Lewis basic sites. Inorganic Chemistry Frontiers, 2021, 8, 977-988.	6.0	27
22	Alternative Liquidâ€“Liquid Microextraction as Cleanup for Determination of Neonicotinoid Pesticides Prior HPLC Analysis. Chromatographia, 2016, 79, 285-291.	1.3	26
23	Speciation of arsenic (III) and arsenic (V) based on quenching of CdS quantum dots fluorescence using hybrid sequential injectionâ€“stopped flow injection gasâ€“diffusion system. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 17-23.	3.9	25
24	Determination of benzimidazole anthelmintics using HPLC after vortex-assisted mixed anionicâ€“cationic surfactant-enhanced emulsification microextraction with solidification of floating organic droplet procedure. Journal of Food Composition and Analysis, 2015, 37, 30-37.	3.9	25
25	Ionic Liquid-Based Vortex-Assisted Liquidâ€“Liquid Microextraction for Simultaneous Determination of Neonicotinoid Insecticides in Fruit Juice Samples. Food Analytical Methods, 2016, 9, 419-426.	2.6	25
26	Development of Sequential Injection-Lab-at-Valve (SI-LAV) Micro-Extraction Instrumentation for the Spectrophotometric Determination of an Anionic Surfactant. Analytical Sciences, 2006, 22, 137-140.	1.6	24
27	Amine-Functionalized Metalâ€“Organic Framework as a New Sorbent for Vortex-Assisted Dispersive Micro-Solid Phase Extraction of Phenol Residues in Water Samples Prior to HPLC Analysis: Experimental and Computational Studies. Chromatographia, 2018, 81, 735-747.	1.3	24
28	Novel ultrasound-assisted mixed anionicâ€“cationic surfactant-enhanced emulsification microextraction combined with HPLC for the determination of carbamate pesticides. Analytical Methods, 2012, 4, 2101.	2.7	23
29	Cloud-point extraction and reversed-phase high performance liquid chromatography for analysis of phenolic compounds and their antioxidant activity in Thai local wines. Journal of Food Science and Technology, 2014, 51, 664-672.	2.8	23
30	Determination of Carbamate Insecticides in Water, Fruit, and Vegetables by Ultrasound-Assisted Dispersive Liquidâ€“Liquid Microextraction and High-Performance Liquid Chromatography. Analytical Letters, 2016, 49, 753-767.	1.8	21
31	Preconcentration and Simultaneous Determination of Heterocyclic Aromatic Amines in Grilled Pork Samples by Ion-Pair-Based Surfactant-Assisted Dispersive Liquid-Liquid Microextraction and High-Performance Liquid Chromatography. Food Analytical Methods, 2016, 9, 1120-1127.	2.6	21
32	A Simple Solid-Phase Extraction Coupled to High-Performance Liquid Chromatographyâ€“UV Detection for Quantification of Pyrethroid Residues in Fruits and Vegetables. Food Analytical Methods, 2012, 5, 849-855.	2.6	20
33	Alternative Green Preconcentration Approach Based on Ultrasound-Assisted Surfactant-Enhanced Emulsification Microextraction and HPLC for Determination of Benzimidazole Anthelmintics in Milk Formulae. Chromatographia, 2014, 77, 1557-1562.	1.3	20
34	Signal Derivatization for HPLC Analysis of Fluoroquinolone Antibiotic Residues in Milk Products. Chromatographia, 2012, 75, 233-239.	1.3	17
35	Magnetic Molecularly Imprinted Polymer for the Selective Enrichment of Glyphosate, Glufosinate, and Aminomethylphosphonic Acid Prior to High-Performance Liquid Chromatography. ACS Omega, 2021, 6, 27007-27016.	3.5	17
36	Reversed Electrode Polarity Stacking Sample Preconcentration Combined with Micellar Electrokinetic Chromatography for the Analysis of Carbamate Insecticide Residues in Fruit Juices. Food Analytical Methods, 2012, 5, 96-103.	2.6	16

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37	An On-line Admicellar SPE-HPLC System Using CTAB-Modified Zeolite NaY as Sorbent for Determination of Carbamate Pesticides in Water. Chromatographia, 2015, 78, 1327-1337.	1.3	16
38	Highâ€performance liquid chromatography with sequential injection for online precolumn derivatization of some heavy metals. Journal of Separation Science, 2007, 30, 2614-2619.	2.5	15
39	A novel liquid colorimetric probe for highly selective and sensitive detection of lead (II). Food Chemistry, 2021, 363, 130254.	8.2	15
40	Determination of Benzimidazole Anthelminthics in Eggs by Advanced Microextraction with High-Performance Liquid Chromatography. Analytical Letters, 2015, 48, 617-631.	1.8	14
41	Simplex optimization of ion-pair reversed-phase high performance liquid chromatographic analysis of some heavy metals. Talanta, 2002, 56, 655-661.	5.5	13
42	Ultrasound-Assisted Surfactant-Enhanced Emulsification Micro-Extraction Followed by HPLC for Determination of Preservatives in Water, Beverages and Personal Care Products. Journal of Chromatographic Science, 2017, 55, 90-98.	1.4	13
43	Role of Different Salts on Cloud-Point Extraction of Isoprocarb and Promecarb Insecticides Followed by High-Performance Liquid Chromatography. Journal of Chromatographic Science, 2012, 50, 523-530.	1.4	12
44	Alternative spectrophotometric method for determination of bilirubin and urobilinogen in urine samples using simultaneous injection effective mixing flow analysis. Analytical Methods, 2013, 5, 2419.	2.7	12
45	Ultrasonically Modified Amended-Cloud Point Extraction for Simultaneous Pre-Concentration of Neonicotinoid Insecticide Residues. Molecules, 2018, 23, 1165.	3.8	12
46	Deep eutectic solventâ€modified mixed iron hydroxideâ€“silica: Application in magnetic solidâ€phase extraction for enrichment of organochlorine pesticides prior to GCâ€MS analysis. Journal of Separation Science, 2021, 44, 3636-3645.	2.5	12
47	Low Toxic Organic Solvent-Based Ultrasound-Assisted Emulsification Microextraction for the Residue Analysis of Benzimidazole Anthelmintics in Egg Samples by High Performance Liquid Chromatography. Food Analytical Methods, 2014, 7, 1973-1981.	2.6	11
48	Magnetic Solid-Phase Extraction of Carbamate Pesticides Using Magnetic Metalâ€“Organic Frameworks Derived from Benzoate Ligands, Followed by Digital Image Colorimetric Screening and High-Performance Liquid Chromatography Analysis. ACS Omega, 2022, 7, 12202-12211.	3.5	11
49	Simple magnetization of Fe₃O₄/MILâ€53(Al)â€NH₂ for a rapid vortexâ€assisted dispersive magnetic solidâ€phase extraction of phenol residues in water samples. Journal of Separation Science, 2020, 43, 3083-3092.	2.5	10
50	Flow Injection and Sequential Injection On-line Pre-column Derivatization for Liquid Chromatography. Journal of Chromatographic Science, 2009, 47, 631-635.	1.4	8
51	Detection of silver(I) ion based on mixed surfactant-adsorbed CdS quantum dots. Mikrochimica Acta, 2013, 180, 1101-1107.	5.0	8
52	Simultaneous Analysis of Inorganic Monovalent Anions/Cations Using Mixed-Bed Single-Column Ion Chromatography. Chromatographia, 2015, 78, 179-187.	1.3	8
53	Amino-based magneto-polymeric-modified mixed iron hydroxides for magnetic solid phase extraction of phenol residues in environmental samples. Journal of Chromatography A, 2021, 1643, 462071.	3.7	7
54	Surfactant-coupled titanium dioxide coated iron-aluminium mixed metal hydroxide for magnetic solid phase extraction of bisphenols in carbonated beverages. Heliyon, 2021, 7, e06964.	3.2	7

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55	Natural deep eutectic solvent-decorated magnetic layered double hydroxide as a sorbent for the enrichment of organochlorine pesticides in environmental samples. Journal of Chromatography A, 2022, 1673, 463111.	3.7	7
56	Determination of Î²-agonists in Porcine Meats by Ion-Pair Extraction and High Performance Liquid Chromatography. Analytical Letters, 2016, 49, 208-216.	1.8	6
57	Î²-Cyclodextrin Assisted Liquidâ€“Liquid Microextraction Based on Solidification of the Floating Organic Droplets Method for Determination of Neonicotinoid Residues. Molecules, 2019, 24, 3954.	3.8	6
58	Magnetic Stirring Assisted Demulsification Dispersive Liquidâ€“Liquid Microextraction for Preconcentration of Polycyclic Aromatic Hydrocarbons in Grilled Pork Samples. Toxics, 2019, 7, 8.	3.7	5
59	In-Situ Formation of Modified Nickelâ€“Zinc-Layered Double Hydroxide Followed by HPLC Determination of Neonicotinoid Insecticide Residues. Molecules, 2022, 27, 43.	3.8	5
60	Magnetic Solid-Phase Extraction Based on Amino-functionalized Magnetic Starch for Analysis of Organochlorine Pesticides. Analytical Sciences, 2021, 37, 1547-1552.	1.6	3
61	Use of Surfactant as Mobile Phase Additive in LC for Simultaneous Determination of Metal-Pyrrolidine Dithiocarbamate Chelates. Chromatographia, 2010, 71, 639-645.	1.3	2
62	Ringer Tablet-Based Micelle-Mediated Extraction-Solvent Back Extraction Coupled with High-Performance Liquid Chromatography for Preconcentration and Determination of Neonicotinoid Pesticides. Food Analytical Methods, 2022, 15, 970-980.	2.6	2
63	Exploiting a combined computational/experimental sorbent-injection vortex-assisted dispersive microsolid-phase extraction for chromatographic determination of priority phenolic pollutants in water samples. Journal of the Iranian Chemical Society, 2018, 15, 685-695.	2.2	1
64	A Facile Synthesized Polyaniline Coated Zerovalent Iron-Silica as an Efficient Sorbent for Magnetic Solid Phase Extraction of Phenolic Pollutants in Water Samples. Journal of the Brazilian Chemical Society, 0, , .	0.6	1