

Rodjana Burakham

List of Publications by Year in descending order

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64
papers

1,640
citations

257450

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330143

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all docs

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Ringer Tablet-Based Micelle-Mediated Extraction-Solvent Back Extraction Coupled with High-Performance Liquid Chromatography for Preconcentration and Determination of Neonicotinoid Pesticides. <i>Food Analytical Methods</i> , 2022, 15, 970-980.	2.6	2
2	Magnetic Solid-Phase Extraction of Carbamate Pesticides Using Magnetic Metal-Organic Frameworks Derived from Benzoate Ligands, Followed by Digital Image Colorimetric Screening and High-Performance Liquid Chromatography Analysis. <i>ACS Omega</i> , 2022, 7, 12202-12211.	3.5	11
3	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. <i>Food Chemistry</i> , 2022, 384, 132475.	8.2	32
4	In-Situ Formation of Modified Nickel-Zinc-Layered Double Hydroxide Followed by HPLC Determination of Neonicotinoid Insecticide Residues. <i>Molecules</i> , 2022, 27, 43.	3.8	5
5	Natural deep eutectic solvent-decorated magnetic layered double hydroxide as a sorbent for the enrichment of organochlorine pesticides in environmental samples. <i>Journal of Chromatography A</i> , 2022, 1673, 463111.	3.7	7
6	Turn-on fluorescent probe towards glyphosate and Cr ³⁺ based on Cd(II)-metal organic framework with Lewis basic sites. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 977-988.	6.0	27
7	Magnetic Solid-Phase Extraction Based on Amino-functionalized Magnetic Starch for Analysis of Organochlorine Pesticides. <i>Analytical Sciences</i> , 2021, 37, 1547-1552.	1.6	3
8	Amino-based magneto-polymeric-modified mixed iron hydroxides for magnetic solid phase extraction of phenol residues in environmental samples. <i>Journal of Chromatography A</i> , 2021, 1643, 462071.	3.7	7
9	Surfactant-coupled titanium dioxide coated iron-aluminium mixed metal hydroxide for magnetic solid phase extraction of bisphenols in carbonated beverages. <i>Heliyon</i> , 2021, 7, e06964.	3.2	7
10	Deep eutectic solvent-modified mixed iron hydroxide-silica: Application in magnetic solid-phase extraction for enrichment of organochlorine pesticides prior to GC-MS analysis. <i>Journal of Separation Science</i> , 2021, 44, 3636-3645.	2.5	12
11	Eco-friendly fabrication of a magnetic dual-template molecularly imprinted polymer for the selective enrichment of organophosphorus pesticides for fruits and vegetables. <i>Analytica Chimica Acta</i> , 2021, 1186, 339128.	5.4	29
12	A novel liquid colorimetric probe for highly selective and sensitive detection of lead (II). <i>Food Chemistry</i> , 2021, 363, 130254.	8.2	15
13	Magnetic Molecularly Imprinted Polymer for the Selective Enrichment of Glyphosate, Glufosinate, and Aminomethylphosphonic Acid Prior to High-Performance Liquid Chromatography. <i>ACS Omega</i> , 2021, 6, 27007-27016.	3.5	17
14	Simple magnetization of Fe ₃ O ₄ /MIL-53(Al)-NH ₂ for a rapid vortex-assisted dispersive magnetic solid-phase extraction of phenol residues in water samples. <i>Journal of Separation Science</i> , 2020, 43, 3083-3092.	2.5	10
15	An Eco-Friendly Hydrophobic Deep Eutectic Solvent-Based Dispersive Liquid-Liquid Microextraction for the Determination of Neonicotinoid Insecticide Residues in Water, Soil and Egg Yolk Samples. <i>Molecules</i> , 2020, 25, 2785.	3.8	32
16	Prevalence of per- and polyfluoroalkyl substances (PFASs) in drinking and source water from two Asian countries. <i>Chemosphere</i> , 2020, 256, 127115.	8.2	54
17	Magnetic Stirring Assisted Demulsification Dispersive Liquid-Liquid Microextraction for Preconcentration of Polycyclic Aromatic Hydrocarbons in Grilled Pork Samples. <i>Toxics</i> , 2019, 7, 8.	3.7	5
18	β-Cyclodextrin Assisted Liquid-Liquid Microextraction Based on Solidification of the Floating Organic Droplets Method for Determination of Neonicotinoid Residues. <i>Molecules</i> , 2019, 24, 3954.	3.8	6

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19	Evaluation of metal-organic framework NH ₂ -MIL-101(Fe) as an efficient sorbent for dispersive micro-solid phase extraction of phenolic pollutants in environmental water samples. <i>Heliyon</i> , 2019, 5, e02848.	3.2	28
20	Amine-Functionalized Metal-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. <i>Chromatographia</i> , 2018, 81, 735-747.	1.3	24
21	Exploiting a combined computational/experimental sorbent-injection vortex-assisted dispersive microsolid-phase extraction for chromatographic determination of priority phenolic pollutants in water samples. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 685-695.	2.2	1
22	Ultrasonically Modified Amended-Cloud Point Extraction for Simultaneous Pre-Concentration of Neonicotinoid Insecticide Residues. <i>Molecules</i> , 2018, 23, 1165.	3.8	12
23	Selective Uptake and Bioaccumulation of Antidepressants in Fish from Effluent-Impacted Niagara River. <i>Environmental Science & Technology</i> , 2017, 51, 10652-10662.	10.0	166
24	Air-Agitated Cloud-Point Extraction Coupled with High-Performance Liquid Chromatography for Determination of Heterocyclic Aromatic Amines in Smoked Sausages. <i>Food Analytical Methods</i> , 2017, 10, 1645-1652.	2.6	27
25	Dispersive solid-phase extraction using polyaniline-modified zeolite NaY as a new sorbent for multiresidue analysis of pesticides in food and environmental samples. <i>Talanta</i> , 2017, 164, 651-661.	5.5	65
26	Ultrasound-Assisted Surfactant-Enhanced Emulsification Micro-Extraction Followed by HPLC for Determination of Preservatives in Water, Beverages and Personal Care Products. <i>Journal of Chromatographic Science</i> , 2017, 55, 90-98.	1.4	13
27	A preconcentration method for analysis of neonicotinoids in honey samples by ionic liquid-based cold-induced aggregation microextraction. <i>Talanta</i> , 2016, 155, 216-221.	5.5	27
28	Vortex-Assisted Dispersive Micro-Solid Phase Extraction Using CTAB-Modified Zeolite NaY Sorbent Coupled with HPLC for the Determination of Carbamate Insecticides. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2145-2152.	5.2	65
29	Determination of β -agonists in Porcine Meats by Ion-Pair Extraction and High Performance Liquid Chromatography. <i>Analytical Letters</i> , 2016, 49, 208-216.	1.8	6
30	Ionic Liquid-Based Vortex-Assisted Liquid-Liquid Microextraction for Simultaneous Determination of Neonicotinoid Insecticides in Fruit Juice Samples. <i>Food Analytical Methods</i> , 2016, 9, 419-426.	2.6	25
31	Alternative Liquid-Liquid Microextraction as Cleanup for Determination of Neonicotinoid Pesticides Prior HPLC Analysis. <i>Chromatographia</i> , 2016, 79, 285-291.	1.3	26
32	Determination of Carbamate Insecticides in Water, Fruit, and Vegetables by Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction and High-Performance Liquid Chromatography. <i>Analytical Letters</i> , 2016, 49, 753-767.	1.8	21
33	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. <i>Food Analytical Methods</i> , 2016, 9, 1120-1127.	2.6	21
34	An On-line Admicellar SPE-HPLC System Using CTAB-Modified Zeolite NaY as Sorbent for Determination of Carbamate Pesticides in Water. <i>Chromatographia</i> , 2015, 78, 1327-1337.	1.3	16
35	In-coupled syringe assisted octanol-water partition microextraction coupled with high-performance liquid chromatography for simultaneous determination of neonicotinoid insecticide residues in honey. <i>Talanta</i> , 2015, 139, 21-26.	5.5	41
36	Determination of Benzimidazole Anthelmintics in Eggs by Advanced Microextraction with High-Performance Liquid Chromatography. <i>Analytical Letters</i> , 2015, 48, 617-631.	1.8	14

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37	Simultaneous Analysis of Inorganic Monovalent Anions/Cations Using Mixed-Bed Single-Column Ion Chromatography. <i>Chromatographia</i> , 2015, 78, 179-187.	1.3	8
38	Determination of benzimidazole anthelmintics using HPLC after vortex-assisted mixed anionic-cationic surfactant-enhanced emulsification microextraction with solidification of floating organic droplet procedure. <i>Journal of Food Composition and Analysis</i> , 2015, 37, 30-37.	3.9	25
39	Cloud-point extraction and reversed-phase high performance liquid chromatography for analysis of phenolic compounds and their antioxidant activity in Thai local wines. <i>Journal of Food Science and Technology</i> , 2014, 51, 664-672.	2.8	23
40	Low Toxic Organic Solvent-Based Ultrasound-Assisted Emulsification Microextraction for the Residue Analysis of Benzimidazole Anthelmintics in Egg Samples by High Performance Liquid Chromatography. <i>Food Analytical Methods</i> , 2014, 7, 1973-1981.	2.6	11
41	Alternative Green Preconcentration Approach Based on Ultrasound-Assisted Surfactant-Enhanced Emulsification Microextraction and HPLC for Determination of Benzimidazole Anthelmintics in Milk Formulae. <i>Chromatographia</i> , 2014, 77, 1557-1562.	1.3	20
42	Detection of silver(I) ion based on mixed surfactant-adsorbed CdS quantum dots. <i>Mikrochimica Acta</i> , 2013, 180, 1101-1107.	5.0	8
43	Vortex-assisted surfactant-enhanced-emulsification liquid-liquid microextraction with solidification of floating organic droplet combined with HPLC for the determination of neonicotinoid pesticides. <i>Talanta</i> , 2013, 117, 221-228.	5.5	99
44	Alternative spectrophotometric method for determination of bilirubin and urobilinogen in urine samples using simultaneous injection effective mixing flow analysis. <i>Analytical Methods</i> , 2013, 5, 2419.	2.7	12
45	Novel ultrasound-assisted mixed anionic-cationic surfactant-enhanced emulsification microextraction combined with HPLC for the determination of carbamate pesticides. <i>Analytical Methods</i> , 2012, 4, 2101.	2.7	23
46	Speciation of arsenic (III) and arsenic (V) based on quenching of CdS quantum dots fluorescence using hybrid sequential injection-stopped flow injection gas-diffusion system. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 17-23.	3.9	25
47	Methodological aspects of sample preparation for the determination of carbamate residues: A review. <i>Journal of Separation Science</i> , 2012, 35, 2373-2389.	2.5	39
48	Role of Different Salts on Cloud-Point Extraction of Isoprocarb and Promecarb Insecticides Followed by High-Performance Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2012, 50, 523-530.	1.4	12
49	A Simple Solid-Phase Extraction Coupled to High-Performance Liquid Chromatography-UV Detection for Quantification of Pyrethroid Residues in Fruits and Vegetables. <i>Food Analytical Methods</i> , 2012, 5, 849-855.	2.6	20
50	Signal Derivatization for HPLC Analysis of Fluoroquinolone Antibiotic Residues in Milk Products. <i>Chromatographia</i> , 2012, 75, 233-239.	1.3	17
51	Reversed Electrode Polarity Stacking Sample Preconcentration Combined with Micellar Electrokinetic Chromatography for the Analysis of Carbamate Insecticide Residues in Fruit Juices. <i>Food Analytical Methods</i> , 2012, 5, 96-103.	2.6	16
52	Room temperature imidazolium ionic liquid: A solvent for extraction of carbamates prior to liquid chromatographic analysis. <i>Talanta</i> , 2011, 84, 1253-1258.	5.5	44
53	Determination of arsenic based on quenching of CdS quantum dots fluorescence using the gas-diffusion flow injection method. <i>Talanta</i> , 2011, 85, 1063-1069.	5.5	39
54	Sequential injection-bead injection-lab-on-a-valve coupled to high-performance liquid chromatography for online renewable micro-solid-phase extraction of carbamate residues in food and environmental samples. <i>Journal of Separation Science</i> , 2011, 34, 1574-1581.	2.5	29

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55	Use of Surfactant as Mobile Phase Additive in LC for Simultaneous Determination of Metal-Pyrrolidine Dithiocarbamate Chelates. <i>Chromatographia</i> , 2010, 71, 639-645.	1.3	2
56	Micellar electrokinetic chromatography with amperometric detection and off-line solid-phase extraction for analysis of carbamate insecticides. <i>Journal of Chromatography A</i> , 2010, 1217, 5288-5297.	3.7	63
57	Cloud-point extraction and reversed-phase high-performance liquid chromatography for the determination of carbamate insecticide residues in fruits. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 1307-1317.	3.7	81
58	Flow Injection and Sequential Injection On-line Pre-column Derivatization for Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2009, 47, 631-635.	1.4	8
59	Acid-induced cloud-point extraction coupled to spectrophotometry for the determination of carbaryl residues in waters and vegetables. <i>Microchemical Journal</i> , 2008, 90, 50-55.	4.5	52
60	High-performance liquid chromatography with sequential injection for online precolumn derivatization of some heavy metals. <i>Journal of Separation Science</i> , 2007, 30, 2614-2619.	2.5	15
61	Development of Sequential Injection-Lab-at-Valve (SI-LAV) Micro-Extraction Instrumentation for the Spectrophotometric Determination of an Anionic Surfactant. <i>Analytical Sciences</i> , 2006, 22, 137-140.	1.6	24
62	Exploiting sequential injection analysis with lab-at-valve (LAV) approach for on-line liquid-liquid micro-extraction spectrophotometry. <i>Talanta</i> , 2005, 68, 416-421.	5.5	32
63	Simplex optimization of ion-pair reversed-phase high performance liquid chromatographic analysis of some heavy metals. <i>Talanta</i> , 2002, 56, 655-661.	5.5	13
64	A Facile Synthesized Polyaniline Coated Zerovalent Iron-Silica as an Efficient Sorbent for Magnetic Solid Phase Extraction of Phenolic Pollutants in Water Samples. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1