

Margareta Sandahl

List of Publications by Year in descending order

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39
papers

1,370
citations

394421

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times ranked

2071
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous Determination of Vitamin D and Its Hydroxylated and Esterified Metabolites by Ultrahigh-Performance Supercritical Fluid Chromatography–Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 3065-3073.	6.5	11
2	Investigating Lignin-Derived Monomers and Oligomers in Low-Molecular-Weight Fractions Separated from Depolymerized Black Liquor Retentate by Membrane Filtration. <i>Molecules</i> , 2021, 26, 2887.	3.8	3
3	Separation of monomeric and dimeric phenolic compounds in lignosulphonate lignin on different stationary phases using ultrahigh-performance supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2021, 1653, 462408.	3.7	5
4	Recent Advances in the Analysis of Vitamin D and Its Metabolites in Food Matrices. <i>Separations</i> , 2020, 7, 36.	2.4	5
5	Nontargeted Analysis Strategy for the Identification of Phenolic Compounds in Complex Technical Lignin Samples. <i>ChemSusChem</i> , 2020, 13, 4605-4612.	6.8	12
6	Postprandial Responses of Serum Bile Acids in Healthy Humans after Ingestion of Turmeric before Medium/High-Fat Breakfasts. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1900672.	3.3	4
7	Extraction with Water–Carbon Dioxide Microemulsions: A Case Study on Steviol Glycosides. <i>Journal of Surfactants and Detergents</i> , 2019, 22, 1505-1514.	2.1	6
8	Dynamic extraction coupled on-line to liquid chromatography with a parallel sampling interface—a proof of concept for monitoring extraction kinetics. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3675-3683.	3.7	4
9	Extending the scope of dispersive liquid–liquid microextraction for trace analysis of 3-methyl-1,2,3-butanetricarboxylic acid in atmospheric aerosols leading to the discovery of iron(III) complexes. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2937-2944.	3.7	3
10	Determination of free and conjugated bile acids in serum of Apoe(–/–) mice fed different lingonberry fractions by UHPLC-MS. <i>Scientific Reports</i> , 2019, 9, 3800.	3.3	24
11	Signal enhancement in supercritical fluid chromatography–diode array detection with multiple injection. <i>Journal of Separation Science</i> , 2019, 42, 3727-3737.	2.5	3
12	Comprehensive on-line two-dimensional liquid chromatography–supercritical fluid chromatography with trapping column-assisted modulation for depolymerised lignin analysis. <i>Journal of Chromatography A</i> , 2018, 1541, 21-30.	3.7	26
13	Screening of stationary phase selectivities for global lipid profiling by ultrahigh performance supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2018, 1548, 76-82.	3.7	23
14	Levoglucosan as a Tracer for Smouldering Fire. <i>Fire Technology</i> , 2018, 54, 1871-1885.	3.0	10
15	Identification of lignin oligomers in Kraft lignin using ultra-high-performance liquid chromatography/high-resolution multiple-stage tandem mass spectrometry (UHPLC/HRMSn). <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7803-7814.	3.7	32
16	Towards the isolation and estimation of elemental carbon in atmospheric aerosols using supercritical fluid extraction and thermo-optical analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4293-4300.	3.7	5
17	A rapid method for analysis of fermentatively produced d-xylonate using ultra-high performance liquid chromatography and evaporative light scattering detection. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1078-1080.	1.3	4
18	Ultra-high-performance supercritical fluid chromatography with quadrupole-time-of-flight mass spectrometry (UHPSFC/QTOF-MS) for analysis of lignin-derived monomeric compounds in processed lignin samples. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 7049-7061.	3.7	43

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19	Rapid and Green Separation of Mono- and Diesters of Monochloropropanediols by Ultrahigh Performance Supercritical Fluid Chromatographyâ€“Mass Spectrometry Using Neat Carbon Dioxide as a Mobile Phase. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8220-8228.	5.2	14
20	Characterization of antioxidant polyphenols from <i>Myrciaria jaboticaba</i> peel and their effects on glucose metabolism and antioxidant status: A pilot clinical study. <i>Food Chemistry</i> , 2016, 211, 185-197.	8.2	130
21	Biological valorization of low molecular weight lignin. <i>Biotechnology Advances</i> , 2016, 34, 1318-1346.	11.7	304
22	Ultraâ€“high performance supercritical fluid chromatography of ligninâ€“derived phenols from alkaline cupric oxide oxidation. <i>Journal of Separation Science</i> , 2016, 39, 3123-3129.	2.5	20
23	A fast and sensitive method for the separation of carotenoids using ultra-high performance supercritical fluid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5883-5894.	3.7	49
24	Reactivity of dissolved organic matter in response to acid deposition. <i>Aquatic Sciences</i> , 2016, 78, 463-475.	1.5	9
25	A rapid method for the separation of vitamin D and its metabolites by ultra-high performance supercritical fluid chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1440, 191-200.	3.7	68
26	Supercritical Fluid Extraction and Chromatography of Lipids in Bilberry. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2015, 92, 1103-1111.	1.9	18
27	Pressurised hot water extraction in continuous flow mode for thermolabile compounds: extraction of polyphenols in red onions. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 441-445.	3.7	45
28	Determination of bile acids by hollow fibre liquid-phase microextraction coupled with gas chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 944, 69-74.	2.3	12
29	Impact of injection solvents on supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2013, 1306, 80-88.	3.7	40
30	Yearly trend of dicarboxylic acids in organic aerosols from south of Sweden and source attribution. <i>Atmospheric Environment</i> , 2012, 57, 197-204.	4.1	46
31	Determination of polycyclic aromatic hydrocarbons (PAHs) from organic aerosols using hollow fiber micro â€“ porous membrane liquid â€“ liquid extraction (HF-MMLE) followed by gas chromatographyâ€“mass spectrometry analysis. <i>Talanta</i> , 2011, 85, 919-926.	5.5	25
32	Comparison of different extraction techniques for isolation of antioxidants from sweet grass (<i>Hierochloa odorata</i>). <i>Journal of Supercritical Fluids</i> , 2005, 33, 223-233.	3.2	123
33	On-line automated sample preparation for liquid chromatography using parallel supported liquid membrane extraction and microporous membrane liquidâ€“liquid extraction. <i>Journal of Chromatography A</i> , 2002, 975, 211-217.	3.7	40
34	Determination of thiophanate-methyl and its metabolites at trace level in spiked natural water using the supported liquid membrane extraction and the microporous membrane liquidâ€“liquid extraction techniques combined on-line with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2000, 893, 123-131.	3.7	77
35	Automated determination of Vinclozolin at the ppb level in aqueous samples by a combination of microporous membrane liquidâ€“liquid extraction and adsorption chromatography. <i>Analytica Chimica Acta</i> , 2000, 424, 1-5.	5.4	42
36	Long-Term Studies of Fungicide Concentrations in Greenhouses. 3. Exposure Risks after Spraying in Greenhouses. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 2885-2888.	5.2	7

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37	Long-Term Studies of Fungicide Concentrations in Greenhouses. 2. Fungicide Concentrations in Air and on Leaves after Different Exposure Times and under Different Climate Conditions. Journal of Agricultural and Food Chemistry, 1996, 44, 2878-2884.	5.2	3
38	Long-Term Studies of Fungicide Concentrations in Greenhouses. 1. Technique for Determining Surficial Foliar Residues of Fungicides with Vinclozolin and Triadimefon as Model Compounds. Journal of Agricultural and Food Chemistry, 1995, 43, 157-164.	5.2	7
39	Trace enrichment of metals using a supported liquid membrane technique. Analyst, The, 1995, 120, 1471-1477.	3.5	68