

# Margareta Sandahl

## List of Publications by Year in descending order

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39  
papers

1,370  
citations

394421

19  
h-index

345221

36  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2071  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological valorization of low molecular weight lignin. <i>Biotechnology Advances</i> , 2016, 34, 1318-1346.	11.7	304
2	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
3	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
4	Determination of thiophanate-methyl and its metabolites at trace level in spiked natural water using the supported liquid membrane extraction and the microporous membrane liquid-liquid extraction techniques combined on-line with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2000, 893, 123-131.	3.7	77
5	Trace enrichment of metals using a supported liquid membrane technique. <i>Analyst</i> , 1995, 120, 1471-1477.	3.5	68
6	A rapid method for the separation of vitamin D and its metabolites by ultra-high performance supercritical fluid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1440, 191-200.	3.7	68
7	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
8	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
9	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
10	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
11	Automated determination of Vinclozolin at the ppb level in aqueous samples by a combination of microporous membrane liquid-liquid extraction and adsorption chromatography. <i>Analytica Chimica Acta</i> , 2000, 424, 1-5.	5.4	42
12	On-line automated sample preparation for liquid chromatography using parallel supported liquid membrane extraction and microporous membrane liquid-liquid extraction. <i>Journal of Chromatography A</i> , 2002, 975, 211-217.	3.7	40
13	Impact of injection solvents on supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2013, 1306, 80-88.	3.7	40
14	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
15	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
16	Determination of polycyclic aromatic hydrocarbons (PAHs) from organic aerosols using hollow fiber micro-porous membrane liquid-liquid extraction (HF-MMLLE) followed by gas chromatography-mass spectrometry analysis. <i>Talanta</i> , 2011, 85, 919-926.	5.5	25
17	Determination of free and conjugated bile acids in serum of Apoe(â/â) mice fed different lingonberry fractions by UHPLC-MS. <i>Scientific Reports</i> , 2019, 9, 3800.	3.3	24
18	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

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19	Ultra-high performance supercritical fluid chromatography of lignin-derived phenols from alkaline cupric oxide oxidation. <i>Journal of Separation Science</i> , 2016, 39, 3123-3129.	2.5	20
20	Supercritical Fluid Extraction and Chromatography of Lipids in Bilberry. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2015, 92, 1103-1111.	1.9	18
21	Rapid and Green Separation of Mono- and Diesters of Monochloropropanediols by Ultrahigh Performance Supercritical Fluid Chromatography-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
22	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
23	Nontargeted Analysis Strategy for the Identification of Phenolic Compounds in Complex Technical Lignin Samples. <i>ChemSusChem</i> , 2020, 13, 4605-4612.	6.8	12
24	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
25	Levoglucosan as a Tracer for Smouldering Fire. <i>Fire Technology</i> , 2018, 54, 1871-1885.	3.0	10
26	Reactivity of dissolved organic matter in response to acid deposition. <i>Aquatic Sciences</i> , 2016, 78, 463-475.	1.5	9
27	Long-Term Studies of Fungicide Concentrations in Greenhouses. 1. Technique for Determining Surficial Foliar Residues of Fungicides with Vinclozolin and Triadimefon as Model Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 1995, 43, 157-164.	5.2	7
28	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
29	Extraction with Water-in-Carbon Dioxide Microemulsions: A Case Study on Steviol Glycosides. <i>Journal of Surfactants and Detergents</i> , 2019, 22, 1505-1514.	2.1	6
30	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
31	Recent Advances in the Analysis of Vitamin D and Its Metabolites in Food Matrices. <i>Separations</i> , 2020, 7, 36.	2.4	5
32	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
33	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
34	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
35	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
36	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. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 2878-2884.	5.2	3

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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