

Victor Abrahamsson

List of Publications by Year in descending order

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13
papers

380
citations

933264

10
h-index

1125617

13
g-index

13
all docs

13
docs citations

13
times ranked

632
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction and Separation of Chiral Amino Acids for Life Detection on Ocean Worlds Without Using Organic Solvents or Derivatization. <i>Astrobiology</i> , 2021, 21, 575-586.	1.5	9
2	Online supercritical fluid extraction and chromatography of biomarkers analysis in aqueous samples for in situ planetary applications. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 8091-8101.	1.9	7
3	Application of Py-GC/MS coupled with PARAFAC2 and PLS-DA to study fast pyrolysis of genetically engineered poplars. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 129, 101-111.	2.6	13
4	Continuous multicomponent quantification during supercritical fluid extraction applied to microalgae using in-line UV/Vis absorption spectroscopy and on-line evaporative light scattering detection. <i>Journal of Supercritical Fluids</i> , 2018, 131, 157-165.	1.6	19
5	Multicomponent inverse modeling of supercritical fluid extraction of carotenoids, chlorophyll A, ergosterol and lipids from microalgae. <i>Journal of Supercritical Fluids</i> , 2018, 139, 53-61.	1.6	25
6	Comprehensive two-dimensional gas chromatography in combination with pixel-based analysis for fouling tendency prediction. <i>Journal of Chromatography A</i> , 2017, 1501, 89-98.	1.8	11
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.	1.9	49
8	Method development in inverse modeling applied to supercritical fluid extraction of lipids. <i>Journal of Supercritical Fluids</i> , 2016, 111, 14-27.	1.6	8
9	Supercritical fluid extraction of lipids from linseed with on-line evaporative light scattering detection. <i>Analytica Chimica Acta</i> , 2015, 853, 320-327.	2.6	17
10	Impact of injection solvents on supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2013, 1306, 80-88.	1.8	40
11	Extraction and Neoformation of Antioxidant Compounds by Pressurized Hot Water Extraction from Apple Byproducts. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 5500-5510.	2.4	95
12	Determination of Sulfite in Beer Based on Fluorescent Derivatives and Liquid Chromatographic Separation. <i>Journal of the American Society of Brewing Chemists</i> , 2012, 70, 296-302.	0.8	18
13	Determination of carotenoids in microalgae using supercritical fluid extraction and chromatography. <i>Journal of Chromatography A</i> , 2012, 1250, 63-68.	1.8	69