

Pascal Cardinael

List of Publications by Year in descending order

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23
papers

417
citations

687363

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752698

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24
docs citations

24
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	Convex hull: A new method to determine the separation space used and to optimize operating conditions for comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2010, 1217, 5449-5454.	3.7	60
2	Comparison of cryogenic and differential flow (forward and reverse fill/flush) modulators and applications to the analysis of heavy petroleum cuts by high-temperature comprehensive gas chromatography. <i>Journal of Chromatography A</i> , 2015, 1387, 95-103.	3.7	45
3	Comparison of new approach of GC-HRMS (Q-Orbitrap) to GC-MS/MS (triple-quadrupole) in analyzing the pesticide residues and contaminants in complex food matrices. <i>Food Chemistry</i> , 2021, 359, 129932.	8.2	40
4	(l)- or (d)-Valine tert-butylamide grafted on permethylated β -cyclodextrin derivatives as new mixed binary chiral selectors. <i>Journal of Chromatography A</i> , 2009, 1216, 4051-4062.	3.7	35
5	The incorporation of calix[6]arene and cyclodextrin derivatives into sol-gels for the preparation of stationary phases for gas chromatography. <i>Journal of Chromatography A</i> , 2013, 1318, 207-216.	3.7	33
6	Synthesis of the three isomeric mono-2-, 3-, or 6-hydroxy permethylated β -cyclodextrins and unambiguous high field NMR characterisation. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 81-88.	1.8	31
7	Use of comprehensive two-dimensional gas chromatography for the broad screening of hazardous contaminants in urban wastewaters. <i>Water Science and Technology</i> , 2008, 57, 1983-1989.	2.5	19
8	Retention modeling and retention time prediction in gas chromatography and flow-modulation comprehensive two-dimensional gas chromatography: The contribution of pressure on solute partition. <i>Journal of Chromatography A</i> , 2017, 1485, 101-119.	3.7	19
9	Development and validation of a pneumatic model for the reversed-flow differential flow modulator for comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2018, 1577, 72-81.	3.7	18
10	The full evaporation technique: A promising alternative for residual solvents analysis in solid samples. <i>Journal of Separation Science</i> , 2005, 28, 380-386.	2.5	17
11	Influence of amino acid moiety accessibility on the chiral recognition of cyclodextrin-amino acid mixed selectors in enantioselective gas chromatography. <i>Journal of Chromatography A</i> , 2012, 1270, 254-261.	3.7	17
12	Development of two-dimensional gas chromatography (GC-GC) coupled with Orbitrap technology-based mass spectrometry: Interest in the identification of biofuel composition. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4495.	1.6	15
13	Indirect and direct approaches in the synthesis of a new mono-6-O-benzyl methylated β -cyclodextrin as chiral selector for enantioselective gas chromatography. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 348-357.	1.8	13
14	Careful Investigations of PTV Injection Parameters for the Analysis of Vacuum Gas Oil by High-Temperature Comprehensive GC-MS. <i>Energy & Fuels</i> , 2020, 34, 12010-12017.	5.1	10
15	Characterisation of ethoxylated fatty chains of anionic surfactants and determination of residual ethoxylated fatty alcohols. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1409-1415.	3.7	7
16	Mono-2, 3 or 6-Hydroxy Methylated β -Cyclodextrin (Eicosa-O-methyl- β -cyclodextrin) Isomers as Chiral Stationary Phases for Capillary GC. <i>Chromatographia</i> , 2009, 69, 911-922.	1.3	7
17	Physical Ionic Liquid/Polysiloxane Mixtures for Tuning the Polarity and the Selectivity of the Polysiloxane Stationary Phase for GC Analysis. <i>Chromatographia</i> , 2014, 77, 1671-1681.	1.3	6
18	Turbulent Supercritical Fluid Chromatography in Open-Tubular Columns for High-Throughput Separations. <i>Analytical Chemistry</i> , 2020, 92, 7409-7412.	6.5	6

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19	Direct and convenient access to mono 3-hydroxy per-O-methylated α -cyclodextrin. <i>Tetrahedron Letters</i> , 2004, 45, 5853-5856.	1.4	5
20	Quantitative determination of straight and cyclic hydrocarbons in crystallized permethylated- β -cyclodextrin inclusion complexes by static headspace-gas chromatography. <i>Journal of Separation Science</i> , 2001, 24, 109-115.	2.5	4
21	Comparison of Different d-SPE Sorbent Performances Based on Quick, Easy, Cheap, Effective, Rugged, and Safe (QuEChERS) Methodology for Multiresidue Pesticide Analyses in Rapeseeds. <i>Molecules</i> , 2021, 26, 6727.	3.8	4
22	Incorporation of Imidazolium Ionic Liquids in GC Stationary Phases via the Sol-gel Process. <i>Chromatographia</i> , 2020, 83, 439-449.	1.3	3
23	Anion Exchange Chromatography Coupled to Electrospray-Mass Spectrometry: An Efficient Tool for Food, Environment, and Biological Analysis.. <i>Critical Reviews in Analytical Chemistry</i> , 2022, , 1-13.	3.5	0