

# Ionel Ciucanu

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

4,100  
citations

758635

12  
h-index

580395

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

3261  
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple and rapid method for the permethylation of carbohydrates. <i>Carbohydrate Research</i> , 1984, 131, 209-217.	1.1	3,436
2	Elimination of Oxidative Degradation during the per-O-Methylation of Carbohydrates. <i>Journal of the American Chemical Society</i> , 2003, 125, 16213-16219.	6.6	244
3	Per-O-methylation reaction for structural analysis of carbohydrates by mass spectrometry. <i>Analytica Chimica Acta</i> , 2006, 576, 147-155.	2.6	110
4	Rapid and simultaneous methylation of fatty and hydroxy fatty acids for gas-liquid chromatographic analysis. <i>Journal of Chromatography A</i> , 1984, 284, 179-185.	1.8	52
5	Immobilization of peralkylated $\beta$ -cyclodextrin on silica gel for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1994, 685, 166-171.	1.8	44
6	Per-O-methylation of neutral carbohydrates directly from aqueous samples for gas chromatography and mass spectrometry analysis. <i>Analytica Chimica Acta</i> , 2007, 585, 81-85.	2.6	38
7	Predictive Models for Fast and Effective Profiling of Kinase Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 895-905.	2.5	23
8	Helical Sorbent for Fast Sorption and Desorption in Solid-Phase Microextraction-Gas Chromatographic Analysis. <i>Analytical Chemistry</i> , 2002, 74, 5501-5506.	3.2	20
9	Selective immobilization on silica gel of permethylated $\beta$ -cyclodextrin for liquid chromatography. <i>Journal of Chromatography A</i> , 1996, 727, 195-201.	1.8	17
10	Micro-solid phase extraction with helical-solid-sorbent in the presence of organic solvent for gas chromatography-mass spectrometry analysis of per-O-methylated mono- and disaccharides. <i>Analytica Chimica Acta</i> , 2004, 519, 93-101.	2.6	17
11	Continuous Monitoring of Thermooxidative Degradation Products of Polystyrene by Membrane Extraction with Sorbent Interface and Gas Chromatography. <i>Journal of Chromatographic Science</i> , 2002, 40, 350-354.	0.7	14
12	Membrane and trap system for continuous monitoring of volatile organic compounds using a portable gas chromatograph with thermal conductivity detector. <i>Journal of Separation Science</i> , 2002, 25, 447-452.	1.3	14
13	Avoidance of degradation during the methylation of uronic acids. <i>Carbohydrate Research</i> , 1990, 206, 71-77.	1.1	13
14	Helical Sorbent Microtrap for Continuous Sampling by a Membrane and Trap Interface for On-Line Gas Chromatographic Monitoring of Volatile Organic Compounds. <i>Analytical Chemistry</i> , 2003, 75, 736-741.	3.2	11
15	Design of continuous-monitoring device based on membrane extraction with sorbent interface and micro-gas chromatograph. <i>Field Analytical Chemistry and Technology</i> , 2001, 5, 69-74.	0.9	9
16	Solid phase microextraction assisted by droplets-based liquid-liquid microextraction for analysis of volatile aromatic hydrocarbons in water by gas chromatography. <i>Journal of Separation Science</i> , 2012, 35, 1651-1658.	1.3	8
17	Selective and fast methylation of free fatty acids directly in plasma for their individual analysis by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1624, 461259.	1.8	8
18	Continuous permeation of analytes through a thin poly(dimethylsiloxane) membrane followed by sorbent trapping for their gas chromatographic monitoring. <i>Journal of Chromatography A</i> , 2002, 964, 1-9.	1.8	6

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19	Determination of Neutral Monosaccharides as Per-O-methylated Derivatives Directly from a Drop of Whole Blood by Gas Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 10856-10861.	3.2	4
20	Membrane in tandem with a helical sorbent trap as continuous sampling technique of the polyvinyl chloride thermo-oxidative degradation products for their on-line gas chromatographic monitoring. <i>Analytica Chimica Acta</i> , 2003, 491, 163-171.	2.6	3
21	Derivatization of prostaglandins and related compounds to (methoxime) alkyl ester alkyl ether derivatives for gas chromatographic analysis. <i>Journal of Chromatography A</i> , 1988, 436, 219-228.	1.8	2
22	Quantitative evaluation of perchlorethylene in groundwater before and after its oxidation by helical solid sorbent extraction and gas chromatography. <i>Chemosphere</i> , 2009, 75, 1210-1214.	4.2	2
23	Droplets-based microextraction assisted SPME for GC-MS analysis of polar compounds such as clopyralid in water. <i>Analytical Methods</i> , 2014, 6, 6571-6576.	1.3	2
24	Simultaneous analysis of neutral monosaccharides, fatty acids and cholesterol as biomarkers from a drop of blood. <i>Bioanalysis</i> , 2016, 8, 2147-2156.	0.6	2
25	Response to Comments on "Helical Sorbent for Fast Sorption and Desorption in Solid-Phase Microextraction-Gas Chromatographic Analysis". <i>Analytical Chemistry</i> , 2003, 75, 3950-3951.	3.2	1