

Isabela Tarcomnicu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5955631/publications.pdf>

Version: 2024-02-01

26
papers

1,355
citations

516561

16
h-index

677027

22
g-index

26
all docs

26
docs citations

26
times ranked

1694
citing authors

#	ARTICLE	IF	CITATIONS
1	Illicit drug consumption estimations derived from wastewater analysis: A critical review. <i>Science of the Total Environment</i> , 2011, 409, 3564-3577.	3.9	335
2	Sewage epidemiology – A real-time approach to estimate the consumption of illicit drugs in Brussels, Belgium. <i>Environment International</i> , 2011, 37, 612-621.	4.8	210
3	Analysis of drugs of abuse in wastewater by hydrophilic interaction liquid chromatography–tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 819-828.	1.9	105
4	Application of hydrophilic interaction chromatography for the analysis of polar contaminants in food and environmental samples. <i>Journal of Chromatography A</i> , 2011, 1218, 5964-5974.	1.8	102
5	Optimization and validation of a hydrophilic interaction liquid chromatography–tandem mass spectrometry method for the determination of 13 top-prescribed pharmaceuticals in influent wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2211-2222.	1.9	90
6	A one year investigation of the occurrence of illicit drugs in wastewater from Brussels, Belgium. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1008.	2.1	52
7	Ethyl glucuronide determination in meconium and hair by hydrophilic interaction liquid chromatography–tandem mass spectrometry. <i>Forensic Science International</i> , 2010, 196, 121-127.	1.3	49
8	Simultaneous determination of 15 top-prescribed pharmaceuticals and their metabolites in influent wastewater by reversed-phase liquid chromatography coupled to tandem mass spectrometry. <i>Talanta</i> , 2011, 83, 795-803.	2.9	49
9	Development and validation of an HPLC–MS/MS method to quantify clopidogrel acyl glucuronide, clopidogrel acid metabolite, and clopidogrel in plasma samples avoiding analyte back-conversion. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1023-1034.	1.9	48
10	Confirmation of diosmetin 3-O-glucuronide as major metabolite of diosmin in humans, using micro-liquid-chromatography–mass spectrometry and ion mobility mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 8295-8310.	1.9	43
11	Development and application of a high-performance liquid chromatography–mass spectrometry method to determine alendronate in human urine. <i>Journal of Chromatography A</i> , 2007, 1160, 21-33.	1.8	38
12	Phytochemicals in cancer prevention: modulating epigenetic alterations of DNA methylation. <i>Phytochemistry Reviews</i> , 2019, 18, 1005-1024.	3.1	38
13	Development and validation of an HPLC–MS/MS method to determine clopidogrel in human plasma. Use of incurred samples to test back-conversion. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 3134-3142.	1.2	35
14	High-throughput HPLC-MS/MS method to determine ibandronate in human plasma for pharmacokinetic applications. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3159-3168.	1.2	29
15	Synthesis and spectral characterisation of new amido-ether Schiff bases. <i>Journal of Molecular Structure</i> , 2008, 886, 187-196.	1.8	28
16	Polyphenols in <i>Coreopsis tinctoria</i> Nutt. fruits and the plant extracts antioxidant capacity evaluation. <i>Open Chemistry</i> , 2014, 12, 858-867.	1.0	24
17	Matrix Effects in Mass Spectrometry Combined with Separation Methods – Comparison HPLC, GC and Discussion on Methods to Control these Effects. , 0, , .		23
18	Development of a sensitive method for simultaneous determination of fluticasone propionate and salmeterol in plasma samples by liquid chromatography–tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2012, 26, 627-635.	0.8	15

#	ARTICLE	IF	CITATIONS
19	Synthesis, spectroscopic characterization, DFT study and antimicrobial activity of novel alkylaminopyrazole derivatives. Journal of Molecular Structure, 2018, 1156, 12-21.	1.8	13
20	Sea-Buckthorn Seed Oil Induces Proliferation of both Normal and Dysplastic Keratinocytes in Basal Conditions and under UVA Irradiation. Journal of Personalized Medicine, 2021, 11, 278.	1.1	9
21	Isolation and Characterization of Hederagenin from Hedera helix L. Extract with Antitumor Activity. Revista De Chimie (discontinued), 2019, 70, 1157-1161.	0.2	7
22	Monitoring Methylmalonic Aciduria by NMR Urinomics. Molecules, 2020, 25, 5312.	1.7	6
23	A Fatty Acid Fraction Purified From Sea Buckthorn Seed Oil Has Regenerative Properties on Normal Skin Cells. Frontiers in Pharmacology, 2021, 12, 737571.	1.6	6
24	HPLC-MS/MS of Highly Polar Compounds. , 0, , .		1
25	Synthesis and Characterization of New Heterocyclic Condensed Systems with Bridgehead Nitrogen from Thiazolo[3,2-b][1,2,4]triazol-6(5H)-ones Class with Potential Antimicrobial Activity. Revista De Chimie (discontinued), 2008, 59, .	0.2	0
26	Application of HILIC for Polar Environmental Contaminants (Including Pharmaceuticals) in Aquatic Systems. Chromatographic Science, 2011, , 133-156.	0.1	0