

Eva Cuypers

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

727
citations

623188

14
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

1050
citing authors

#	ARTICLE	IF	CITATIONS
1	Steviol glycosides enhance pancreatic beta-cell function and taste sensation by potentiation of TRPM5 channel activity. <i>Nature Communications</i> , 2017, 8, 14733.	5.8	136
2	Potent Modulation of the Voltage-Gated Sodium Channel Nav1.7 by OD1, a Toxin from the Scorpion <i>Odonthobuthus doriae</i> . <i>Molecular Pharmacology</i> , 2006, 70, 405-414.	1.0	82
3	The evaluation of the applicability of a high pH mobile phase in ultrahigh performance liquid chromatography tandem mass spectrometry analysis of benzodiazepines and benzodiazepine-like hypnotics in urine and blood. <i>Journal of Chromatography A</i> , 2012, 1249, 147-154.	1.8	57
4	The interpretation of hair analysis for drugs and drug metabolites. <i>Clinical Toxicology</i> , 2018, 56, 90-100.	0.8	55
5	Quadratus Lumborum Block Versus Perioperative Intravenous Lidocaine for Postoperative Pain Control in Patients Undergoing Laparoscopic Colorectal Surgery. <i>Annals of Surgery</i> , 2018, 268, 769-775.	2.1	55
6	Development and validation of a fast ionic liquid-based dispersive liquid-liquid microextraction procedure combined with LC-MS/MS analysis for the quantification of benzodiazepines and benzodiazepine-like hypnotics in whole blood. <i>Forensic Science International</i> , 2017, 274, 44-54.	1.3	54
7	Fast and easy extraction of antidepressants from whole blood using ionic liquids as extraction solvent. <i>Talanta</i> , 2018, 180, 292-299.	2.9	46
8	The use of pesticides in Belgian illicit indoor cannabis plantations. <i>Forensic Science International</i> , 2017, 277, 59-65.	1.3	39
9	A gamut of undiscovered electrophysiological effects produced by <i>Tityus serrulatus</i> toxin 1 on Nav-type isoforms. <i>Neuropharmacology</i> , 2015, 95, 269-277.	2.0	34
10	Sample preparation of bone tissue for MALDI-MSI for forensic and (pre)clinical applications. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2683-2694.	1.9	27
11	Evaluation of 11 ionic liquids as potential extraction solvents for benzodiazepines from whole blood using liquid-liquid microextraction combined with LC-MS/MS. <i>Talanta</i> , 2018, 184, 369-374.	2.9	22
12	On the Spot™ Digital Pathology of Breast Cancer Based on Single-Cell Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2022, 94, 6180-6190.	3.2	21
13	Chemical Synthesis, Proper Folding, Nav Channel Selectivity Profile and Analgesic Properties of the Spider Peptide Phlotoxin 1. <i>Toxins</i> , 2019, 11, 367.	1.5	16
14	Distribution of Methadone and Metabolites in Skeletal Tissue. <i>Journal of Analytical Toxicology</i> , 2018, 42, 400-408.	1.7	14
15	Ionic Liquid-Based Liquid-Liquid Microextraction for Benzodiazepine Analysis in Postmortem Blood Samples. <i>Journal of Forensic Sciences</i> , 2018, 63, 1875-1879.	0.9	11
16	Microextractions in forensic toxicology: The potential role of ionic liquids. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 111, 73-84.	5.8	10
17	Skeletal tissue, a viable option in forensic toxicology? A view into post mortem cases. <i>Forensic Science International</i> , 2020, 309, 110225.	1.3	9
18	Kbot55, purified from <i>Buthus occitanus tunetanus</i> venom, represents the first member of a novel $\hat{I}\pm$ -KTx subfamily. <i>Peptides</i> , 2016, 80, 4-8.	1.2	7

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19	Distribution of clomipramine, citalopram, midazolam, and metabolites in skeletal tissue after chronic dosing in rats. <i>Drug Testing and Analysis</i> , 2019, 11, 1083-1093.	1.6	7
20	The Health Risks of Belgian Illicit Indoor Cannabis Plantations. <i>Journal of Forensic Sciences</i> , 2018, 63, 1783-1789.	0.9	6
21	Real-time drug detection using a diathermic knife combined to rapid evaporative ionisation mass spectrometry. <i>Talanta</i> , 2021, 221, 121391.	2.9	6
22	Evaluation of the suitability of ionic liquid-based liquid-liquid microextractions for blood protein removal. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 57-61.	1.4	5
23	Postmortem Analysis of Opioids and Metabolites in Skeletal Tissue. <i>Journal of Analytical Toxicology</i> , 2022, 46, 783-790.	1.7	5