

Eric Deconinck

List of Publications by Year in descending order

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56
papers

1,135
citations

361045

20
h-index

433756

31
g-index

56
all docs

56
docs citations

56
times ranked

1096
citing authors

#	ARTICLE	IF	CITATIONS
1	Report on a novel emerging class of highly potent benzimidazole NPS opioids: Chemical and in vitro functional characterization of isotonitazene. <i>Drug Testing and Analysis</i> , 2020, 12, 422-430.	1.6	65
2	Chromatography in the Detection and Characterization of Illegal Pharmaceutical Preparations. <i>Journal of Chromatographic Science</i> , 2013, 51, 791-806.	0.7	63
3	Identification of coffee leaves using FT-NIR spectroscopy and SIMCA. <i>Talanta</i> , 2018, 177, 4-11.	2.9	62
4	ATR-FTIR spectroscopy and chemometrics: An interesting tool to discriminate and characterize counterfeit medicines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 112, 181-189.	1.4	58
5	A validated GC-MS method for the determination and quantification of residual solvents in counterfeit tablets and capsules. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 64-70.	1.4	44
6	Development and validation of a fast chromatographic method for screening and quantification of legal and illegal skin whitening agents. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 83, 82-88.	1.4	44
7	Characterization of suspected illegal skin whitening cosmetics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 90, 85-91.	1.4	44
8	HS-GC-MS method for the analysis of fragrance allergens in complex cosmetic matrices. <i>Talanta</i> , 2015, 131, 444-451.	2.9	41
9	Detection of sibutramine in adulterated dietary supplements using attenuated total reflectance-infrared spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 100, 279-283.	1.4	38
10	Headspace-gas chromatographic fingerprints to discriminate and classify counterfeit medicines. <i>Talanta</i> , 2014, 123, 78-88.	2.9	38
11	Chemometrics and the identification of counterfeit medicines—A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 127, 112-122.	1.4	37
12	Chemometrics and chromatographic fingerprints to discriminate and classify counterfeit medicines containing PDE-5 inhibitors. <i>Talanta</i> , 2012, 100, 123-133.	2.9	33
13	Chromatographic fingerprinting as a strategy to identify regulated plants in illegal herbal supplements. <i>Talanta</i> , 2017, 164, 490-502.	2.9	29
14	Evaluation of the residual solvent content of counterfeit tablets and capsules. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 81-82, 80-88.	1.4	26
15	Combining attenuated total reflectance-infrared spectroscopy and chemometrics for the identification and the dosage estimation of MDMA tablets. <i>Talanta</i> , 2019, 195, 142-151.	2.9	26
16	Discrimination of legal and illegal <i>Cannabis spp.</i> according to European legislation using near infrared spectroscopy and chemometrics. <i>Drug Testing and Analysis</i> , 2020, 12, 1309-1319.	1.6	26
17	Physical profiling and IR spectroscopy: simple and effective methods to discriminate between genuine and counterfeit samples of Viagra® and Cialis®. <i>Drug Testing and Analysis</i> , 2016, 8, 378-387.	1.6	23
18	Falsification of biotechnology drugs: current dangers and/or future disasters?. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 175-191.	1.4	22

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19	Chromatographic impurity fingerprinting of genuine and counterfeit Cialis® as a means to compare the discriminating ability of PDA and MS detection. <i>Talanta</i> , 2016, 146, 540-548.	2.9	21
20	Detection of regulated herbs and plants in plant food supplements and traditional medicines using infrared spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 142, 210-217.	1.4	21
21	Analysis of illegal peptide drugs via HILIC-DAD-MS. <i>Talanta</i> , 2017, 174, 562-571.	2.9	21
22	Detection of whitening agents in illegal cosmetics using attenuated total reflectance-infrared spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 178-185.	1.4	20
23	Analysis of illegal peptide biopharmaceuticals frequently encountered by controlling agencies. <i>Talanta</i> , 2015, 142, 1-10.	2.9	20
24	A simple dilute and shoot methodology for the identification and quantification of illegal insulin. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 326-334.	2.4	20
25	Development and validation of a HS/GC-MS method for the simultaneous analysis of diacetyl and acetylpropionyl in electronic cigarette refills. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 142, 218-224.	1.4	19
26	Analytical characterization of α -acetoneitazepyne, a new pyrrolidinyl-containing 2-benzylbenzimidazole opioid sold online. <i>Drug Testing and Analysis</i> , 2021, 13, 1627-1634.	1.6	18
27	A strategy for the identification of plants in illegal pharmaceutical preparations and food supplements using chromatographic fingerprints. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2341-2352.	1.9	17
28	Identification and characterization of peptide drugs in unknown pharmaceutical preparations seized by the Belgian authorities: case report on AOD9604. <i>Drug Testing and Analysis</i> , 2014, 6, 964-968.	1.6	15
29	An infrared spectroscopic approach to characterise white powders, easily applicable in the context of drug checking, drug prevention and on-site analysis. <i>Drug Testing and Analysis</i> , 2021, 13, 679-693.	1.6	15
30	Development of a Stationary Phase Optimised Selectivity Liquid Chromatography based screening method for adulterations of food supplements for the treatment of pain. <i>Talanta</i> , 2015, 138, 240-246.	2.9	14
31	A strategy based on fingerprinting and chemometrics for the detection of regulated plants in plant food supplements from the Belgian market: Two case studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 189-196.	1.4	14
32	Chemometrical analysis of fingerprints for the detection of counterfeit and falsified medicines. <i>Reviews in Analytical Chemistry</i> , 2016, 35, 145-168.	1.5	13
33	Development and validation of chromatographic methods for screening and subsequent quantification of suspected illegal antimicrobial drugs encountered on the Belgian market. <i>Talanta</i> , 2019, 194, 876-887.	2.9	13
34	Testing of complementarity of PDA and MS detectors using chromatographic fingerprinting of genuine and counterfeit samples containing sildenafil citrate. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1643-1656.	1.9	11
35	Detection and identification of multiple adulterants in plant food supplements using attenuated total reflectance infrared spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 152, 111-119.	1.4	11
36	Impurity profiling of the most frequently encountered falsified polypeptide drugs on the Belgian market. <i>Talanta</i> , 2018, 188, 795-807.	2.9	11

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37	Identification and Quantification Methodology for the Analysis of Suspected Illegal Dietary Supplements: Reference Standard or no Reference Standard, that the Question. <i>Journal of Forensic Toxicology and Pharmacology</i> , 2018, 07, .	0.1	11
38	The use of Stationary Phase Optimized Selectivity Liquid Chromatography for the development of herbal fingerprints to detect targeted plants in plant food supplements. <i>Talanta</i> , 2017, 170, 441-450.	2.9	9
39	Chemometrics and chromatographic fingerprints to classify plant food supplements according to the content of regulated plants. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 143, 48-55.	1.4	9
40	A simple dilute-and-shoot method for screening and simultaneous quantification of nicotine and alkaloid impurities in electronic cigarette refills (e-liquids) by UHPLC-DAD. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 169, 225-234.	1.4	9
41	Spectroscopic techniques combined with chemometrics for fast on-site characterization of suspected illegal antimicrobials. <i>Talanta</i> , 2020, 217, 121026.	2.9	9
42	CBD oils on the Belgian market: A validated MRM GC-MS/MS method for routine quality control using QuEChERS sample clean up. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114344.	1.4	9
43	Identification of (Antioxidative) Plants in Herbal Pharmaceutical Preparations and Dietary Supplements. <i>Methods in Molecular Biology</i> , 2015, 1208, 181-199.	0.4	9
44	Energy Drink Consumption among Adolescents Attending Schools in Lubumbashi, Democratic Republic of Congo. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7617.	1.2	8
45	Identification of the small research tetra peptide Epitalon, assumed to be a potential treatment for cancer, old age and <i>Retinitis Pigmentosa</i> in two illegal pharmaceutical preparations. <i>Drug Testing and Analysis</i> , 2015, 7, 259-264.	1.6	7
46	Discriminating nicotine and non-nicotine containing e-liquids using infrared spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 120, 333-341.	1.4	6
47	Comparison of three development approaches for Stationary Phase Optimised Selectivity Liquid Chromatography based screening methods Part I: A heterogeneous group of molecules (slimming) <i>Talanta</i> 170 (2017) 441-450	1.4	6
48	Impact of the Revised European Tobacco Product Directive on the Quality of E-cigarette Refill Liquids in Belgium. <i>Nicotine and Tobacco Research</i> , 2021, 23, 227-234.	1.4	6
49	Orthogonal Chromatographic Descriptors for Modelling Caco-2 Drug Permeability. <i>Journal of Chromatographic Science</i> , 2012, 50, 175-183.	0.7	5
50	Identification of epidermal growth factor (EGF), in an unknown pharmaceutical preparation suspected to contain insulin like growth factor 1 (IGF-1). <i>Drug Testing and Analysis</i> , 2017, 9, 831-837.	1.6	5
51	GEONs API fingerprint project: Selection of analytical techniques for clustering of sildenafil citrate API samples. <i>Talanta</i> , 2022, 239, 123123.	2.9	5
52	Comparison of three development approaches for Stationary Phase Optimised Selectivity Liquid Chromatography based screening methods Part II: A group of structural analogues (PDE-5 inhibitors in) <i>Talanta</i> 170 (2017) 441-450	1.4	6
53	Clustering and diagnostic modelling of slimming aids based on chromatographic and mass spectrometric fingerprints. <i>Drug Testing and Analysis</i> , 2017, 9, 230-242.	1.6	2
54	The occurrence of putative cognitive enhancing research peptides in seized pharmaceutical preparations: An incentive for controlling agencies to prepare for future encounters of the kind. <i>Drug Testing and Analysis</i> , 2020, 12, 371-381.	1.6	2

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55	The occurrence of non- [®] anatomical therapeutic chemical- [®] international nonproprietary name molecules in suspected illegal or illegally traded health products in Europe: A retrospective and prospective study. <i>Drug Testing and Analysis</i> , 2021, 13, 833-840.	1.6	2
56	Relative response factors and multiple regression models in liquid chromatography to quantify low-dosed components using alternative standards- [®] proof of concept: total ¹⁹ -THC content in cannabis flowers using CBD as reference. <i>Analytical and Bioanalytical Chemistry</i> , 0, , .	1.9	0