

Charlotte De Bleye

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

284
citations

933264

10
h-index

940416

16
g-index

18
all docs

18
docs citations

18
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	A new criterion to assess distributional homogeneity in hyperspectral images of solid pharmaceutical dosage forms. <i>Analytica Chimica Acta</i> , 2014, 818, 7-14.	2.6	44
2	Active content determination of pharmaceutical tablets using near infrared spectroscopy as Process Analytical Technology tool. <i>Talanta</i> , 2015, 144, 1352-1359.	2.9	29
3	Optimization of a pharmaceutical tablet formulation based on a design space approach and using vibrational spectroscopy as PAT tool. <i>International Journal of Pharmaceutics</i> , 2015, 486, 13-20.	2.6	28
4	Design of experiments and design space approaches in the pharmaceutical bioprocess optimization. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 166, 144-154.	2.0	25
5	From near-infrared and Raman to surface-enhanced Raman spectroscopy: progress, limitations and perspectives in bioanalysis. <i>Bioanalysis</i> , 2016, 8, 1077-1103.	0.6	24
6	New perspective for the in-field analysis of cannabis samples using handheld near-infrared spectroscopy: A case study focusing on the determination of Δ^9 -tetrahydrocannabinol. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 202, 114150.	1.4	24
7	Towards a spray-coating method for the detection of low-dose compounds in pharmaceutical tablets using surface-enhanced Raman chemical imaging (SER-Cl). <i>Talanta</i> , 2018, 188, 584-592.	2.9	16
8	Evaluation of the analytical performances of two Raman handheld spectrophotometers for pharmaceutical solid dosage form quantitation. <i>Talanta</i> , 2020, 214, 120888.	2.9	16
9	Pixel-based Raman hyperspectral identification of complex pharmaceutical formulations. <i>Analytica Chimica Acta</i> , 2021, 1155, 338361.	2.6	15
10	Critical review on recent trends in cannabinoid determination on cannabis herbal samples: From chromatographic to vibrational spectroscopic techniques. <i>Analytica Chimica Acta</i> , 2022, 1209, 339184.	2.6	13
11	The analysis of cannabinoids in cannabis samples by supercritical fluid chromatography and ultra-high performance liquid chromatography: A comparison study. <i>Analytical Science Advances</i> , 2021, 2, 2-14.	1.2	9
12	Selection of essential spectra to improve the multivariate curve resolution of minor compounds in complex pharmaceutical formulations. <i>Analytica Chimica Acta</i> , 2022, 1198, 339532.	2.6	9
13	Effect of the functionalisation agent on the surface-enhanced Raman scattering (SERS) spectrum: Case study of pyridine derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 233, 118180.	2.0	8
14	Thorough characterization of a Self-Emulsifying Drug Delivery System with Raman hyperspectral imaging: A case study. <i>International Journal of Pharmaceutics</i> , 2015, 484, 85-94.	2.6	7
15	Detection of low dose of piroxicam polymorph in pharmaceutical tablets by surface-enhanced Raman chemical imaging (SER-Cl) and multivariate analysis. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118913.	2.6	6
16	Development of a prototype device for near real-time surface-enhanced Raman scattering monitoring of biological samples. <i>Talanta</i> , 2021, 224, 121866.	2.9	6
17	Application of the analytical quality by design principles to the development of a qualitative surface-enhanced Raman scattering method: A proof of concept. <i>Journal of Raman Spectroscopy</i> , 0, , .	1.2	2