

# Charlotte De Bleye

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

154  
citations

7  
h-index

12  
g-index

18  
ext. papers

214  
ext. citations

5.2  
avg, IF

2.67  
L-index

#	Paper	IF	Citations
17	Selection of essential spectra to improve the multivariate curve resolution of minor compounds in complex pharmaceutical formulations.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1198, 339532	6.6	0
16	Critical review on recent trends in cannabinoid determination on cannabis herbal samples: From chromatographic to vibrational spectroscopic techniques.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1209, 339184	6.6	3
15	PAT Applications of NIR Spectroscopy in the Pharmaceutical Industry <b>2021</b> , 67-88		0
14	Pixel-based Raman hyperspectral identification of complex pharmaceutical formulations. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1155, 338361	6.6	6
13	Design of experiments and design space approaches in the pharmaceutical bioprocess optimization. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2021</b> , 166, 144-154	5.7	4
12	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> , <b>2021</b> , 2, 2-14	1.1	5
11	Development of a prototype device for near real-time surface-enhanced Raman scattering monitoring of biological samples. <i>Talanta</i> , <b>2021</b> , 224, 121866	6.2	3
10	New perspective for the in-field analysis of cannabis samples using handheld near-infrared spectroscopy: A case study focusing on the determination of Tetrahydrocannabinol. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 202, 114150	3.5	8
9	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> , <b>2020</b> , 233, 118180	4.4	4
8	Evaluation of the analytical performances of two Raman handheld spectrophotometers for pharmaceutical solid dosage form quantitation. <i>Talanta</i> , <b>2020</b> , 214, 120888	6.2	12
7	Detection of low dose of piroxicam polymorph in pharmaceutical tablets by surface-enhanced Raman chemical imaging (SER-CI) and multivariate analysis. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 574, 118913	6.5	4
6	Towards a spray-coating method for the detection of low-dose compounds in pharmaceutical tablets using surface-enhanced Raman chemical imaging (SER-CI). <i>Talanta</i> , <b>2018</b> , 188, 584-592	6.2	10
5	From near-infrared and Raman to surface-enhanced Raman spectroscopy: progress, limitations and perspectives in bioanalysis. <i>Bioanalysis</i> , <b>2016</b> , 8, 1077-103	2.1	16
4	Thorough characterization of a Self-Emulsifying Drug Delivery System with Raman hyperspectral imaging: a case study. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 484, 85-94	6.5	4
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> , <b>2015</b> , 486, 13-20	6.5	23
2	Active content determination of pharmaceutical tablets using near infrared spectroscopy as Process Analytical Technology tool. <i>Talanta</i> , <b>2015</b> , 144, 1352-9	6.2	19
1	A new criterion to assess distributional homogeneity in hyperspectral images of solid pharmaceutical dosage forms. <i>Analytica Chimica Acta</i> , <b>2014</b> , 818, 7-14	6.6	33

