

Yves Roggo

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.

36
papers

1,779
citations

18
h-index

38
g-index

38
ext. papers

1,999
ext. citations

3.7
avg, IF

4.75
L-index

#	Paper	IF	Citations
36	Towards real-time release of pharmaceutical tablets: 100% in-line control via near-infrared spatially resolved spectroscopy and 3D microwave resonance technology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 209, 114491	3.5	1
35	Deep learning for continuous manufacturing of pharmaceutical solid dosage form. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020 , 153, 95-105	5.7	10
34	Continuous manufacturing process monitoring of pharmaceutical solid dosage form: A case study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 179, 112971	3.5	18
33	Near-Infrared Spectroscopy to Determine Residual Moisture in Freeze-Dried Products: Model Generation by Statistical Design of Experiments. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 719-729	3.9	7
32	Real-time monitoring of particle size distribution in a continuous granulation and drying process by near infrared spectroscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 141, 90-99	5.7	23
31	Process analytical technology for continuous manufacturing tableting processing: A case study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 162, 101-111	3.5	38
30	Forensic investigation in the pharmaceutical industry: Identification procedure of visible particles in (drug) solutions and different containers by combining vibrational and X-ray spectroscopic techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 148, 334-349	3.5	4
29	Packaging analysis of counterfeit medicines. <i>Forensic Science International</i> , 2018 , 291, 144-157	2.6	14
28	Performance of NIR handheld spectrometers for the detection of counterfeit tablets. <i>Talanta</i> , 2017 , 165, 632-640	6.2	45
27	Comprehensive Study of a Handheld Raman Spectrometer for the Analysis of Counterfeits of Solid-Dosage Form Medicines. <i>Journal of Spectroscopy</i> , 2017 , 2017, 1-13	1.5	24
26	Global regression model for moisture content determination using near-infrared spectroscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 119, 343-352	5.7	22
25	Protein-based medicines analysis by Raman spectroscopy for the detection of counterfeits. <i>Forensic Science International</i> , 2017 , 278, 313-325	2.6	12
24	The Pharmaceutical Capping Process-Correlation between Residual Seal Force, Torque Moment, and Flip-off Removal Force. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2016 , 70, 218-29	0.6	
23	Moisture content determination in an antibody-drug conjugate freeze-dried medicine by near-infrared spectroscopy: A case study for release testing. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 131, 380-390	3.5	9
22	Impact of Vial Capping on Residual Seal Force and Container Closure Integrity. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2016 , 70, 12-29	0.6	1
21	Near infrared spectroscopy for counterfeit detection using a large database of pharmaceutical tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 128, 89-97	3.5	47
20	Influence of Different Container Closure Systems and Capping Process Parameters on Product Quality and Container Closure Integrity (CCI) in GMP Drug Product Manufacturing. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2016 , 70, 109-19	0.6	0

19	Counterfeit analysis strategy illustrated by a case study. <i>Drug Testing and Analysis</i> , 2016 , 8, 388-97	3.5	5
18	Micro Computer Tomography for medical device and pharmaceutical packaging analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 108, 38-48	3.5	9
17	Pharmaceutical quality of eight generics of ceftriaxone preparation for injection in Eastern Asia. <i>Journal of Chemotherapy</i> , 2015 , 27, 337-42	2.3	9
16	Forensic intelligence for medicine anti-counterfeiting. <i>Forensic Science International</i> , 2015 , 248, 15-32	2.6	29
15	Understanding and fighting the medicine counterfeit market. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 87, 167-75	3.5	134
14	Chemometrics and in-line near infrared spectroscopic monitoring of a biopharmaceutical Chinese hamster ovary cell culture: prediction of multiple cultivation variables. <i>Talanta</i> , 2013 , 111, 28-38	6.2	58
13	Increasing the spatial resolution of near infrared chemical images (NIR-CI): The super-resolution paradigm applied to pharmaceutical products. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2012 , 117, 183-188	3.8	11
12	Detection and chemical profiling of medicine counterfeits by Raman spectroscopy and chemometrics. <i>Analytica Chimica Acta</i> , 2011 , 705, 334-41	6.6	56
11	Profiling of counterfeit medicines by vibrational spectroscopy. <i>Forensic Science International</i> , 2011 , 211, 83-100	2.6	54
10	Identification of pharmaceutical tablets by Raman spectroscopy and chemometrics. <i>Talanta</i> , 2010 , 81, 988-95	6.2	89
9	Infrared chemical imaging: spatial resolution evaluation and super-resolution concept. <i>Analytica Chimica Acta</i> , 2010 , 674, 220-6	6.6	18
8	Self-Modelling Curve Resolution of near Infrared Imaging Data. <i>Journal of Near Infrared Spectroscopy</i> , 2008 , 16, 151-157	1.5	25
7	A review of near infrared spectroscopy and chemometrics in pharmaceutical technologies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 44, 683-700	3.5	817
6	Content uniformity of pharmaceutical solid dosage forms by near infrared hyperspectral imaging: A feasibility study. <i>Talanta</i> , 2007 , 73, 733-41	6.2	83
5	Near-infrared determination of active substance content in intact low-dosage tablets. <i>Talanta</i> , 2005 , 66, 1294-302	6.2	60
4	Quality evaluation of sugar beet (<i>Beta vulgaris</i>) by near-infrared spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 1055-61	5.7	43
3	Chemical Imaging and Chemometrics: Useful Tools for Process Analytical Technology411-431		2
2	Process Analytical Technology353-410		1

1 Chemical Imaging and Chemometrics: Useful Tools for Process Analytical Technology1