

Yves Roggo

List of Publications by Year in descending order

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36
papers

2,194
citations

361413

20
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

2327
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of near infrared spectroscopy and chemometrics in pharmaceutical technologies. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 683-700.	2.8	927
2	Understanding and fighting the medicine counterfeit market. Journal of Pharmaceutical and Biomedical Analysis, 2014, 87, 167-175.	2.8	157
3	Identification of pharmaceutical tablets by Raman spectroscopy and chemometrics. Talanta, 2010, 81, 988-995.	5.5	113
4	Content uniformity of pharmaceutical solid dosage forms by near infrared hyperspectral imaging: A feasibility study. Talanta, 2007, 73, 733-741.	5.5	99
5	Chemometrics and in-line near infrared spectroscopic monitoring of a biopharmaceutical Chinese hamster ovary cell culture: Prediction of multiple cultivation variables. Talanta, 2013, 111, 28-38.	5.5	67
6	Detection and chemical profiling of medicine counterfeits by Raman spectroscopy and chemometrics. Analytica Chimica Acta, 2011, 705, 334-341.	5.4	66
7	Near-infrared determination of active substance content in intact low-dosage tablets. Talanta, 2005, 66, 1294-1302.	5.5	65
8	Profiling of counterfeit medicines by vibrational spectroscopy. Forensic Science International, 2011, 211, 83-100.	2.2	64
9	Near infrared spectroscopy for counterfeit detection using a large database of pharmaceutical tablets. Journal of Pharmaceutical and Biomedical Analysis, 2016, 128, 89-97.	2.8	63
10	Process analytical technology for continuous manufacturing tableting processing: A case study. Journal of Pharmaceutical and Biomedical Analysis, 2019, 162, 101-111.	2.8	62
11	Performance of NIR handheld spectrometers for the detection of counterfeit tablets. Talanta, 2017, 165, 632-640.	5.5	60
12	Quality Evaluation of Sugar Beet(Beta vulgaris)by Near-Infrared Spectroscopy. Journal of Agricultural and Food Chemistry, 2004, 52, 1055-1061.	5.2	56
13	Forensic intelligence for medicine anti-counterfeiting. Forensic Science International, 2015, 248, 15-32.	2.2	40
14	Real-time monitoring of particle size distribution in a continuous granulation and drying process by near infrared spectroscopy. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 141, 90-99.	4.3	36
15	Continuous manufacturing process monitoring of pharmaceutical solid dosage form: A case study. Journal of Pharmaceutical and Biomedical Analysis, 2020, 179, 112971.	2.8	33
16	Global regression model for moisture content determination using near-infrared spectroscopy. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 343-352.	4.3	32
17	Deep learning for continuous manufacturing of pharmaceutical solid dosage form. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 153, 95-105.	4.3	29
18	Comprehensive Study of a Handheld Raman Spectrometer for the Analysis of Counterfeits of Solid-Dosage Form Medicines. Journal of Spectroscopy, 2017, 2017, 1-13.	1.3	28

#	ARTICLE	IF	CITATIONS
19	Self-Modelling Curve Resolution of near Infrared Imaging Data. <i>Journal of Near Infrared Spectroscopy</i> , 2008, 16, 151-157.	1.5	25
20	Packaging analysis of counterfeit medicines. <i>Forensic Science International</i> , 2018, 291, 144-157.	2.2	21
21	Infrared chemical imaging: Spatial resolution evaluation and super-resolution concept. <i>Analytica Chimica Acta</i> , 2010, 674, 220-226.	5.4	19
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.	0.5	19
23	Protein-based medicines analysis by Raman spectroscopy for the detection of counterfeits. <i>Forensic Science International</i> , 2017, 278, 313-325.	2.2	13
24	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.	3.5	12
25	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.	2.8	12
26	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.	3.3	12
27	Micro Computer Tomography for medical device and pharmaceutical packaging analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 108, 38-48.	2.8	11
28	Pharmaceutical quality of eight generics of ceftriaxone preparation for injection in Eastern Asia. <i>Journal of Chemotherapy</i> , 2015, 27, 337-342.	1.5	11
29	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, 109-119.	0.5	11
30	Counterfeit analysis strategy illustrated by a case study. <i>Drug Testing and Analysis</i> , 2016, 8, 388-397.	2.6	8
31	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, 218-229.	0.5	7
32	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.	2.8	6
33	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.	2.8	4
34	Innovative Strategy for Counterfeit Analysis. <i>Medicine Access Point of Care</i> , 2017, 1, maapoc.0000013.	1.0	3
35	Chemical Imaging and Chemometrics: Useful Tools for Process Analytical Technology. , 0, , 411-431.		2
36	Process Analytical Technology. , 0, , 353-410.		1