

# Yves Roggo

## List of Publications by Citations

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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	A review of near infrared spectroscopy and chemometrics in pharmaceutical technologies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2007</b> , 44, 683-700	3.5	817
35	Understanding and fighting the medicine counterfeit market. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 87, 167-75	3.5	134
34	Identification of pharmaceutical tablets by Raman spectroscopy and chemometrics. <i>Talanta</i> , <b>2010</b> , 81, 988-95	6.2	89
33	Content uniformity of pharmaceutical solid dosage forms by near infrared hyperspectral imaging: A feasibility study. <i>Talanta</i> , <b>2007</b> , 73, 733-41	6.2	83
32	Near-infrared determination of active substance content in intact low-dosage tablets. <i>Talanta</i> , <b>2005</b> , 66, 1294-302	6.2	60
31	Chemometrics and in-line near infrared spectroscopic monitoring of a biopharmaceutical Chinese hamster ovary cell culture: prediction of multiple cultivation variables. <i>Talanta</i> , <b>2013</b> , 111, 28-38	6.2	58
30	Detection and chemical profiling of medicine counterfeits by Raman spectroscopy and chemometrics. <i>Analytica Chimica Acta</i> , <b>2011</b> , 705, 334-41	6.6	56
29	Profiling of counterfeit medicines by vibrational spectroscopy. <i>Forensic Science International</i> , <b>2011</b> , 211, 83-100	2.6	54
28	Near infrared spectroscopy for counterfeit detection using a large database of pharmaceutical tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 128, 89-97	3.5	47
27	Performance of NIR handheld spectrometers for the detection of counterfeit tablets. <i>Talanta</i> , <b>2017</b> , 165, 632-640	6.2	45
26	Quality evaluation of sugar beet ( <i>Beta vulgaris</i> ) by near-infrared spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 1055-61	5.7	43
25	Process analytical technology for continuous manufacturing tableting processing: A case study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 162, 101-111	3.5	38
24	Forensic intelligence for medicine anti-counterfeiting. <i>Forensic Science International</i> , <b>2015</b> , 248, 15-32	2.6	29
23	Self-Modelling Curve Resolution of near Infrared Imaging Data. <i>Journal of Near Infrared Spectroscopy</i> , <b>2008</b> , 16, 151-157	1.5	25
22	Comprehensive Study of a Handheld Raman Spectrometer for the Analysis of Counterfeits of Solid-Dosage Form Medicines. <i>Journal of Spectroscopy</i> , <b>2017</b> , 2017, 1-13	1.5	24
21	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> , <b>2019</b> , 141, 90-99	5.7	23
20	Global regression model for moisture content determination using near-infrared spectroscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2017</b> , 119, 343-352	5.7	22

19	Infrared chemical imaging: spatial resolution evaluation and super-resolution concept. <i>Analytica Chimica Acta</i> , <b>2010</b> , 674, 220-6	6.6	18
18	Continuous manufacturing process monitoring of pharmaceutical solid dosage form: A case study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 179, 112971	3.5	18
17	Packaging analysis of counterfeit medicines. <i>Forensic Science International</i> , <b>2018</b> , 291, 144-157	2.6	14
16	Protein-based medicines analysis by Raman spectroscopy for the detection of counterfeits. <i>Forensic Science International</i> , <b>2017</b> , 278, 313-325	2.6	12
15	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> , <b>2012</b> , 117, 183-188	3.8	11
14	Deep learning for continuous manufacturing of pharmaceutical solid dosage form. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 153, 95-105	5.7	10
13	Micro Computer Tomography for medical device and pharmaceutical packaging analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 108, 38-48	3.5	9
12	Pharmaceutical quality of eight generics of ceftriaxone preparation for injection in Eastern Asia. <i>Journal of Chemotherapy</i> , <b>2015</b> , 27, 337-42	2.3	9
11	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> , <b>2016</b> , 131, 380-390	3.5	9
10	Near-Infrared Spectroscopy to Determine Residual Moisture in Freeze-Dried Products: Model Generation by Statistical Design of Experiments. <i>Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 109, 719-729	3.9	7
9	Counterfeit analysis strategy illustrated by a case study. <i>Drug Testing and Analysis</i> , <b>2016</b> , 8, 388-97	3.5	5
8	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> , <b>2018</b> , 148, 334-349	3.5	4
7	Chemical Imaging and Chemometrics: Useful Tools for Process Analytical Technology		411-431 2
6	Process Analytical Technology		353-410 1
5	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> , <b>2021</b> , 209, 114491	3.5	1
4	Impact of Vial Capping on Residual Seal Force and Container Closure Integrity. <i>PDA Journal of Pharmaceutical Science and Technology</i> , <b>2016</b> , 70, 12-29	0.6	1
3	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> , <b>2016</b> , 70, 109-19	0.6	0
2	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> , <b>2016</b> , 70, 218-29	0.6	

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