Hery Mitsutake

List of Publications by Year
in descending order

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22	333	933264	839398
papers	citations	10	18
		h-index	g-index

23	23	23	440
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-destructive fraud detection in rosehip oil by MIR spectroscopy and chemometrics. Food Chemistry, 2016, 209, 228-233.	4.2	47
2	Discrimination of the type of biodiesel/diesel blend (B5) using mid-infrared spectroscopy and PLS-DA. Fuel, 2015, 142, 222-226.	3.4	46
3	Optimised NLC: a nanotechnological approach to improve the anaesthetic effect of bupivacaine. International Journal of Pharmaceutics, 2017, 529, 253-263.	2.6	32
4	Quantification of soybean biodiesels in diesel blends according to ASTM E1655 using mid-infrared spectroscopy and multivariate calibration. Fuel, 2014, 117, 1111-1114.	3.4	28
5	Quantification of residual automotive lubricant oil as an adulterant in Brazilian S-10 diesel using MIR spectroscopy and PLS. Fuel, 2014, 130, 257-262.	3.4	25
6	Fast Detection of Adulterants/Contaminants in Biodiesel/Diesel Blend (B5) Employing Mid-Infrared Spectroscopy and PLS-DA. Energy & Fuels, 2015, 29, 227-232.	2.5	22
7	Comparison of different chemometric methods to extract chemical and physical information from Raman images of homogeneous and heterogeneous semi-solid pharmaceutical formulations. International Journal of Pharmaceutics, 2018, 552, 119-129.	2.6	22
8	Extra virgin (EV) and ordinary (ON) olive oils: distinction and detection of adulteration (EV with ON) as determined by direct infusion electrospray ionization mass spectrometry and chemometric approaches. Rapid Communications in Mass Spectrometry, 2010, 24, 1875-1880.	0.7	20
9	A pre-formulation study of tetracaine loaded in optimized nanostructured lipid carriers. Scientific Reports, 2021, 11, 21463.	1.6	15
10	Evaluation of miscibility and polymorphism of synthetic and natural lipids for nanostructured lipid carrier (NLC) formulations by Raman mapping and multivariate curve resolution (MCR). European Journal of Pharmaceutical Sciences, 2019, 135, 51-59.	1.9	12
11	Infrared Spectroscopy and Multivariate Calibration for Quantification of Soybean Oil as Adulterant in Biodiesel Fuels. JAOCS, Journal of the American Oil Chemists' Society, 2015, 92, 777-782.	0.8	10
12	Raman Imaging Spectroscopy: History, Fundamentals and Current Scenario of the Technique. Journal of the Brazilian Chemical Society, 0, , .	0.6	10
13	Quality Control of Biodiesel Content of B7 Blends of Methyl Jatropha and Methyl Crambe Biodiesels Using Mid-Infrared Spectroscopy and Multivariate Control Charts Based on Net Analyte Signal. Energy & Fuels, 2016, , .	2.5	9
14	Quantification of Ethanol in Biodiesels Using Mid-Infrared Spectroscopy and Multivariate Calibration. Industrial & Engineering Chemistry Research, 2014, 53, 13575-13580.	1.8	8
15	Multivariate control charts based on NAS and midâ€infrared spectroscopy for quality control of B5 blends of methyl soybean biodiesel in diesel. Journal of Chemometrics, 2015, 29, 411-419.	0.7	7
16	Extraction of information about structural changes in a semisolid pharmaceutical formulation from nearâ€infrared and Raman images by multivariate curve resolutionâ€“alternating least squares and ComDim. Journal of Chemometrics, 2020, 34, e3288.	0.7	5
17	Development and Validation of PLS Models for Quantification of Biodiesels Content from Waste Frying Oil in Diesel by HATR-MIR. Revista Virtual De Quimica, 2014, 6, .	0.1	4
18	Raman Imaging and Chemometrics Evaluation of Natural and Synthetic Beeswaxes as Matrices for Nanostructured Lipid Carriers Development. Brazilian Journal of Analytical Chemistry, 2021, 8, .	0.3	3

#	Article	IF	Citations
19	Qualitative and Quantitative Monitoring of Methyl Cotton Biodiesel Content in Biodiesel/Diesel Blends Using MIR Spectroscopy and Chemometrics Tools. Journal of the Brazilian Chemical Society, 2015, , .	0.6	2
20	Use of Mass Spectrometry with Electrospray Ionization and Exploratory Analysis for Classification of Extra Virgin Olive Oil Adulterated with Vegetable Oils. Revista Virtual De Quimica, 2015, 7, 2180-2189.	0.1	2
21	Application of Figures of Merit in Multivariate Methods Validation Biofuels Analysis using Middle Infrared Spectroscopy and PLS. Revista Virtual De Quimica, 2015, 7, 2242-2254.	0.1	2
22	Fast Classification of Different Oils and Routes Used in Biodiesel Production Using Mid Infrared Spectroscopy and PLS2-DA. Journal of the Brazilian Chemical Society, 2015, , .	0.6	1