

Carolina S Silva

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9033094/publications.pdf>

Version: 2024-02-01

23
papers

410
citations

1162367

8
h-index

839053

18
g-index

23
all docs

23
docs citations

23
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Near infrared hyperspectral imaging for forensic analysis of document forgery. <i>Analyst, The</i> , 2014, 139, 5176-5184.	1.7	80
2	Classification of blue pen ink using infrared spectroscopy and linear discriminant analysis. <i>Microchemical Journal</i> , 2013, 109, 122-127.	2.3	79
3	Evaluation and identification of blood stains with handheld NIR spectrometer. <i>Microchemical Journal</i> , 2017, 133, 561-566.	2.3	42
4	Projection pursuit and PCA associated with near and middle infrared hyperspectral images to investigate forensic cases of fraudulent documents. <i>Microchemical Journal</i> , 2017, 130, 412-419.	2.3	40
5	Detecting semen stains on fabrics using near infrared hyperspectral images and multivariate models. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 95, 23-35.	5.8	38
6	Chemometric approaches for document dating: Handling paper variability. <i>Analytica Chimica Acta</i> , 2018, 1031, 28-37.	2.6	30
7	Identification of Luminescent Markers for Gunshot Residues: Fluorescence, Raman Spectroscopy, and Chemometrics. <i>Analytical Chemistry</i> , 2019, 91, 12444-12452.	3.2	22
8	Procrustes rotation as a diagnostic tool for projection pursuit analysis. <i>Analytica Chimica Acta</i> , 2015, 877, 51-63.	2.6	11
9	Vibrational Spectroscopy and Chemometrics in Forensic Chemistry: Critical Review, Current Trends and Challenges. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	11
10	Preliminary study on the identification of synthetic cathinones in street seized samples by Raman spectroscopy and chemometrics. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 901-913.	1.2	9
11	Distinguishing cotton seed genotypes by means of vibrational spectroscopic methods (NIR and Raman) and chemometrics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 266, 120399.	2.0	9
12	Biological diversity of carbon assimilation among isolates of the yeast <i>Dekkera bruxellensis</i> from wine and fuel-ethanol industrial processes. <i>FEMS Yeast Research</i> , 2019, 19, .	1.1	7
13	Exploring local spatial features in hyperspectral images. <i>Journal of Chemometrics</i> , 2020, 34, e3295.	0.7	7
14	Multi-stimuli-responsive luminescent MCM48 hybrid for advanced anti-counterfeiting applications. <i>Journal of Materials Chemistry C</i> , 0, , .	2.7	7
15	CHEMOMETRIC STRATEGIES FOR NEAR INFRARED HYPERSPECTRAL IMAGING ANALYSIS: CLASSIFICATION OF SEED GENOTYPES. <i>Analytical Methods</i> , 2021, 13, 5065-5074.	1.3	5
16	Application of luminescent markers to ammunition encoding in forensic routine using a Video Spectral Comparator (VSC). <i>Microchemical Journal</i> , 2020, 159, 105362.	2.3	4
17	Quality by design applied to olanzapine and quetiapine LC-MS/MS bioanalysis. <i>Journal of Chromatographic Science</i> , 2020, 58, 117-126.	0.7	2
18	Identification of a Zika NS2B epitope as a biomarker for severe clinical phenotypes. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1525-1539.	1.7	2

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19	Infrared spectroscopy for document dating - Advantages, challenges and limitations. Talanta Open, 2022, 5, 100102.	1.7	2
20	Chemometrics in Forensics. , 2020, , 113-148.		1
21	A novel proposal to investigate the interplay between the spatial and spectral domains in near-infrared spectral imaging data by means of Image Decomposition, Encoding and Localization (IDEL). Analytica Chimica Acta, 2022, 1191, 339285.	2.6	1
22	Chemometrics in Bioanalytical Chemistry. , 2022, , 497-541.		1
23	Encoding of Luminescent Ink Markers Using Low-Level Data Fusion and Chemometrics. Journal of the Brazilian Chemical Society, 0, , .	0.6	0