

Marcio Talhavini

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

702
citations

566801

15
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642321

23
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24
docs citations

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times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	Inkjet Printing of Lanthanide-Organic Frameworks for Anti-Counterfeiting Applications. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27115-27123.	4.0	143
2	Discrimination of whisky brands and counterfeit identification by UV-Vis spectroscopy and multivariate data analysis. <i>Food Chemistry</i> , 2017, 229, 142-151.	4.2	90
3	Non-destructive identification of different types and brands of blue pen inks in cursive handwriting by visible spectroscopy and PLS-DA for forensic analysis. <i>Microchemical Journal</i> , 2014, 116, 235-243.	2.3	61
4	Novel Kinetic Model in Amorphous Polymers. Spiropyran-Merocyanine System Revisited. <i>Journal of Physical Chemistry B</i> , 1997, 101, 7680-7686.	1.2	49
5	Discrimination and quantification of cocaine and adulterants in seized drug samples by infrared spectroscopy and PLSR. <i>Forensic Science International</i> , 2015, 257, 297-306.	1.3	44
6	Application of the Metal-Organic Framework [Eu(BTC)] as a Luminescent Marker for Gunshot Residues: A Synthesis, Characterization, and Toxicity Study. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4684-4691.	4.0	43
7	A paper-based colorimetric spot test for the identification of adulterated whiskeys. <i>Chemical Communications</i> , 2017, 53, 7957-7960.	2.2	38
8	Redox titration on foldable paper-based analytical devices for the visual determination of alcohol content in whiskey samples. <i>Talanta</i> , 2019, 194, 363-369.	2.9	36
9	Authenticity screening of seized whiskey samples using electrophoresis microchips coupled with contactless conductivity detection. <i>Electrophoresis</i> , 2016, 37, 2891-2895.	1.3	26
10	NIR hyperspectral images for identification of gunshot residue from tagged ammunition. <i>Analytical Methods</i> , 2018, 10, 4711-4717.	1.3	22
11	Identification of Luminescent Markers for Gunshot Residues: Fluorescence, Raman Spectroscopy, and Chemometrics. <i>Analytical Chemistry</i> , 2019, 91, 12444-12452.	3.2	22
12	Classification of Brazilian and foreign gasolines adulterated with alcohol using infrared spectroscopy. <i>Forensic Science International</i> , 2015, 253, 33-42.	1.3	21
13	Synthesis of [Dy(DPA)(HDP)] and its potential as gunshot residue marker. <i>Journal of Luminescence</i> , 2016, 170, 697-700.	1.5	21
14	Luminescent sensors for nitroaromatic compound detection: Investigation of mechanism and evaluation of suitability of using in screening test in forensics. <i>Microchemical Journal</i> , 2019, 150, 104037.	2.3	17
15	Determination of chronological order of crossed lines of ballpoint pens by hyperspectral image in the visible region and multivariate analysis. <i>Forensic Science International</i> , 2019, 296, 91-100.	1.3	16
16	Rapid separation of post-blast explosive residues on glass electrophoresis microchips. <i>Electrophoresis</i> , 2019, 40, 462-468.	1.3	16
17	[Ln ₂ (BDC) ₃ (H ₂ O) ₄] : A low cost alternative for GSR luminescent marking. <i>Journal of Luminescence</i> , 2018, 200, 24-29.	1.5	13
18	Determination of the alcoholic content in whiskeys using micellar electrokinetic chromatography on microchips. <i>Food Chemistry</i> , 2020, 329, 127175.	4.2	7

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19	Discrimination of Black Pen Inks on Writing Documents Using Visible Reflectance Spectroscopy and PLS-DA. Journal of the Brazilian Chemical Society, 2014, , .	0.6	6
20	Application of luminescent markers to ammunition encoding in forensic routine using a Video Spectral Comparator (VSC). Microchemical Journal, 2020, 159, 105362.	2.3	4
21	Detection of Counterfeit Durateston [®] Using Fourier Transform Infrared Spectroscopy and Partial Least Squares - Discriminant Analysis. Journal of the Brazilian Chemical Society, 0, , .	0.6	3
22	Quantification of Cocaine Hydrochloride in Seized Drug Samples by Infrared Spectroscopy and PLSR. Journal of the Brazilian Chemical Society, 2014, , .	0.6	2
23	Analysis of Luminescent Gunshot Residue (LGSR) on Different Types of Fabrics. Journal of Forensic Sciences, 2020, 65, 67-72.	0.9	1
24	Chromatographic Analysis of Byproducts from a Non-Toxic Ammunition and a Marked Ammunition: An Assessment of Toxicity. Brazilian Journal of Analytical Chemistry, 2021, 8, .	0.3	1