

Marcio Talhavini

List of Publications by Year in Descending Order

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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.

21
papers

515
citations

13
h-index

22
g-index

24
ext. papers

611
ext. citations

4.3
avg, IF

3.66
L-index

#	Paper	IF	Citations
21	Determination of the alcoholic content in whiskeys using micellar electrokinetic chromatography on microchips. <i>Food Chemistry</i> , 2020 , 329, 127175	8.5	2
20	Application of luminescent markers to ammunition encoding in forensic routine using a Video Spectral Comparator (VSC). <i>Microchemical Journal</i> , 2020 , 159, 105362	4.8	1
19	Analysis of Luminescent Gunshot Residue (LGSR) on Different Types of Fabrics. <i>Journal of Forensic Sciences</i> , 2020 , 65, 67-72	1.8	0
18	Identification of Luminescent Markers for Gunshot Residues: Fluorescence, Raman Spectroscopy, and Chemometrics. <i>Analytical Chemistry</i> , 2019 , 91, 12444-12452	7.8	14
17	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	2.6	11
16	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	4.8	7
15	Rapid separation of post-blast explosive residues on glass electrophoresis microchips. <i>Electrophoresis</i> , 2019 , 40, 462-468	3.6	10
14	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	6.2	19
13	[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	3.8	10
12	NIR hyperspectral images for identification of gunshot residue from tagged ammunition. <i>Analytical Methods</i> , 2018 , 10, 4711-4717	3.2	14
11	Discrimination of whisky brands and counterfeit identification by UV-Vis spectroscopy and multivariate data analysis. <i>Food Chemistry</i> , 2017 , 229, 142-151	8.5	69
10	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	9.5	31
9	A paper-based colorimetric spot test for the identification of adulterated whiskeys. <i>Chemical Communications</i> , 2017 , 53, 7957-7960	5.8	27
8	Synthesis of [Dy(DPA)(HDP)] and its potential as gunshot residue marker. <i>Journal of Luminescence</i> , 2016 , 170, 697-700	3.8	19
7	Authenticity screening of seized whiskey samples using electrophoresis microchips coupled with contactless conductivity detection. <i>Electrophoresis</i> , 2016 , 37, 2891-2895	3.6	19
6	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	2.6	36
5	Inkjet Printing of Lanthanide-Organic Frameworks for Anti-Counterfeiting Applications. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 27115-23	9.5	111

4	Classification of Brazilian and foreign gasolines adulterated with alcohol using infrared spectroscopy. <i>Forensic Science International</i> , 2015 , 253, 33-42	2.6	15
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	4.8	52
2	Discrimination of Black Pen Inks on Writing Documents Using Visible Reflectance Spectroscopy and PLS-DA. <i>Journal of the Brazilian Chemical Society</i> , 2014 ,	1.5	3
1	Novel Kinetic Model in Amorphous Polymers. Spiropyran-Merocyanine System Revisited. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 7680-7686	3.4	42