

Francisco Javier Fortes

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.

12
papers

520
citations

9
h-index

12
g-index

12
ext. papers

594
ext. citations

4.5
avg, IF

3.81
L-index

#	Paper	IF	Citations
12	Laser-induced breakdown spectroscopy. <i>Analytical Chemistry</i> , 2013 , 85, 640-69	7.8	301
11	Elemental analysis of materials in an underwater archeological shipwreck using a novel remote laser-induced breakdown spectroscopy system. <i>Talanta</i> , 2015 , 137, 182-8	6.2	60
10	Chemical characterization of single micro- and nano-particles by optical catapulting ^{optical} trapping ^{laser-induced breakdown spectroscopy} . <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014 , 100, 78-85	3.1	39
9	Multielemental analysis of prehistoric animal teeth by laser-induced breakdown spectroscopy and laser ablation inductively coupled plasma mass spectrometry 2010 , 49, C191		30
8	Atomization efficiency and photon yield in laser-induced breakdown spectroscopy analysis of single nanoparticles in an optical trap. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017 , 130, 75-81	3.1	20
7	Subsea spectral identification of shipwreck objects using laser-induced breakdown spectroscopy and linear discriminant analysis. <i>Journal of Cultural Heritage</i> , 2018 , 29, 75-81	2.9	18
6	Spectral Identification in the Attogram Regime through Laser-Induced Emission of Single Optically Trapped Nanoparticles in Air. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14178-14182	16.4	16
5	Multi-Pulse Excitation for Underwater Analysis of Copper-Based Alloys Using a Novel Remote Laser-Induced Breakdown Spectroscopy (LIBS) System. <i>Applied Spectroscopy</i> , 2016 , 70, 618-26	3.1	14
4	Spatial distribution analysis of strontium in human teeth by laser-induced breakdown spectroscopy: application to diagnosis of seawater drowning. <i>International Journal of Legal Medicine</i> , 2015 , 129, 807-13 ^{3.1}		9
3	Effect of pulse duration in multi-pulse excitation of silicon in laser-induced breakdown spectroscopy (LIBS). <i>Applied Spectroscopy</i> , 2014 , 68, 1060-6	3.1	8
2	LIBS Detection of Explosives in Traces. <i>Springer Series in Optical Sciences</i> , 2014 , 349-376	0.5	3
1	Fast and In-Situ Identification of Archaeometallurgical Collections in the Museum of Malaga Using Laser-Induced Breakdown Spectroscopy and a New Mathematical Algorithm. <i>Heritage</i> , 2020 , 3, 1330-1343 ^{1.6}		2