

Magda Dvořáková

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

117
citations

1478505

6
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	Triple-pulse LIBS: laser-induced breakdown spectroscopy signal enhancement by combination of pre-ablation and re-heating laser pulses. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 293-300.	3.0	24
2	Improvement of the Laser-Induced Breakdown Spectroscopy method sensitivity by the usage of combination of Ag-nanoparticles and vacuum conditions. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 127, 48-55.	2.9	23
3	Plasma pencil as an excitation source for atomic emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 305-309.	3.0	18
4	Feasibility of Nanoparticle-Enhanced Laser Ablation Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 11820-11826.	6.5	16
5	Investigation of multi-layered silicate ceramics using laser ablation optical emission spectrometry, laser ablation inductively coupled plasma mass spectrometry, and electron microprobe analysis. <i>Chemical Papers</i> , 2011, 65, .	2.2	8
6	The effect of nanoparticle presence on aerosol formation during nanoparticle-enhanced laser ablation inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2893-2900.	3.0	7
7	Machine learning in laser-induced breakdown spectroscopy as a novel approach towards experimental parameter optimization. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 603-612.	3.0	6
8	Effects of easily ionisable elements on copper and zinc lines excited in a plasma pencil. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 2031-2036.	3.0	5
9	Influence of mercury traces on nitrogen post-discharge kinetics. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 754-760.	3.0	3
10	Possibilities and analytical properties of the radiofrequency plasma pencil operating in the continuous and in the pulsed mode. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 459-467.	3.0	3
11	Feasibility of direct analysis of algae contamination with chromium and copper on the filter with laser-induced breakdown spectroscopy and laser ablation inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2022, 195, 106488.	2.9	3
12	Effects of acid, sodium and its salt counterions on the atomic emission of copper and zinc in plasma pencil. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 2451-2458.	3.0	1