

Ali Safi

List of Publications by Year in descending order

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11
papers

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1040056

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docs citations

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times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the current analytical approaches for evaluating, compensating and exploiting self-absorption in Laser Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 169, 105878.	2.9	69
2	Multivariate calibration in Laser-Induced Breakdown Spectroscopy quantitative analysis: The dangers of a "black box" approach and how to avoid them. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 144, 46-54.	2.9	42
3	Fast quantitative elemental mapping of highly inhomogeneous materials by micro-Laser-Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 146, 9-15.	2.9	36
4	Green-synthesized silver nanoparticles for Nanoparticle-Enhanced Laser Induced Breakdown Spectroscopy (NELIBS) using a mobile instrument. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 141, 53-58.	2.9	31
5	Determination of excitation temperature in laser-induced plasmas using columnar density Saha-Boltzmann plot. <i>Journal of Advanced Research</i> , 2019, 18, 1-7.	9.5	30
6	Exploiting Self-Absorption for Plasma Characterization in Laser-Induced Breakdown Spectroscopy Experiments: A Comparison of Two Recent Approaches. <i>Analytical Chemistry</i> , 2019, 91, 8595-8601.	6.5	22
7	Laser-Induced Breakdown Spectroscopy for Determination of Spectral Fundamental Parameters. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4973.	2.5	21
8	Comparative Study of Two Methods of Orthogonal Double-Pulse Laser-Induced Breakdown Spectroscopy of Aluminum. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2016, 120, 367-378.	0.6	12
9	Study of material ablation and plasma radiation in double-pulse laser induced breakdown spectroscopy at different delay times: Modeling and numerical simulation. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	12
10	A combination of electrical spark and laser-induced breakdown spectroscopy on a heated sample. <i>Physics of Plasmas</i> , 2019, 26, 033303.	1.9	10
11	Determination of Spectroscopic Parameters of Ag(I) and Ag(II) Emission Lines Using Time-Independent Extended C-Sigma Method. <i>Applied Spectroscopy</i> , 2021, 75, 654-660.	2.2	4