Mohamad Sabsabi

List of Publications by Year
in descending order

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25 papers	1,569 citations	394421 19 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	982 citing authors

#	Article	IF	Citations
1	Trace Selenium Measurement in Water Using Laser-Induced Fluorescence Assisted by Laser Ablation. Applied Spectroscopy, 2021, 75, 1532-1537.	2.2	1
2	Measuring the concentration of gold in ore samples by laser-induced breakdown spectroscopy and comparison with the gravimetry/atomic absorption techniques. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 183, 106256.	2.9	9
3	Discrimination of uranium ore concentrates by chemometric data analysis to support provenance assessment for nuclear forensics applications. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 625-632.	1.5	9
4	Analysis of gold in rock samples using laser-induced breakdown spectroscopy: Matrix and heterogeneity effects. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 134, 33-41.	2.9	39
5	Double-pulse LIBS combining short and long nanosecond pulses in the microjoule range. Journal of Analytical Atomic Spectrometry, 2014, 29, 1660-1666.	3.0	24
6	Resonant laser-induced breakdown spectroscopy (RLIBS) analysis of traces through selective excitation of aluminum in aluminum alloys. Journal of Analytical Atomic Spectrometry, 2013, 28, 388.	3.0	24
7	Quantitative analysis of metallic traces in water-based liquids by UV-IR double-pulse laser-induced breakdown spectroscopy. Journal of Analytical Atomic Spectrometry, 2012, 27, 276-283.	3.0	78
8	Evaluation of a compact high power pulsed fiber laser source for laser-induced breakdown spectroscopy. Journal of Analytical Atomic Spectrometry, 2011, 26, 1354.	3.0	46
9	Determination of isotope ratios using Laser-Induced Breakdown Spectroscopy in ambient air at atmospheric pressure for nuclear forensics. Journal of Analytical Atomic Spectrometry, 2011, 26, 536.	3.0	103
10	Resonant laser-induced breakdown spectroscopy for analysis of lead traces in copper alloys. Journal of Analytical Atomic Spectrometry, 2011, 26, 2452.	3.0	22
11	Investigation of resonance-enhanced laser-induced breakdown spectroscopy for analysis of aluminium alloys. Journal of Analytical Atomic Spectrometry, 2010, 25, 635.	3.0	89
12	Laser-induced fluorescence detection of lead atoms in a laser-induced plasma: An experimental analytical optimization study. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 347-353.	2.9	51
13	Improving laser-induced breakdown spectroscopy (LIBS) performance for iron and lead determination in aqueous solutions with laser-induced fluorescence (LIF). Journal of Analytical Atomic Spectrometry, 2009, 24, 1421.	3.0	105
14	Quantitative molecular analysis with molecular bands emission using laser-induced breakdown spectroscopy and chemometrics. Journal of Analytical Atomic Spectrometry, 2008, 23, 694.	3.0	51
15	Femtosecond LIBS. , 2007, , 151-171.		5
16	Multi-elemental analysis of solidified mineral melt samples by Laser-Induced Breakdown Spectroscopy coupled with a linear multivariate calibration. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 1557-1566.	2.9	79
17	Investigation of the State of Local Thermodynamic Equilibrium of a Laser-Produced Aluminum Plasma. Applied Spectroscopy, 2005, 59, 529-536.	2.2	60
18	Rapid analysis of liquid formulations containing sodium chloride using laser-induced breakdown spectroscopy. Journal of Pharmaceutical and Biomedical Analysis, 2004, 36, 277-284.	2.8	146

#	Article	IF	Citations
19	Influence of Er:YAG and Nd:YAG wavelengths on laser-induced breakdown spectroscopy measurements under air or helium atmosphere. Applied Optics, 2003, 42, 5971.	2.1	28
20	Comparative study of two new commercial echelle spectrometers equipped with intensified CCD for analysis of laser-induced breakdown spectroscopy. Applied Optics, 2003, 42, 6094.	2.1	50
21	Laser-induced breakdown spectroscopy: A new tool for materials analysis. , 2003, , .		1
22	An evaluation of a commercial Ã‰chelle spectrometer with intensified charge-coupled device detector for materials analysis by laser-induced plasma spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2001, 56, 1011-1025.	2.9	96
23	Quantitative Analysis of Additives in Solid Zinc Alloys by Laser-induced Plasma Spectrometry. Journal of Analytical Atomic Spectrometry, 1997, 12, 997-1004.	3.0	63
24	Quantitative Analysis of Aluminum Alloys by Laser-Induced Breakdown Spectroscopy and Plasma Characterization. Applied Spectroscopy, 1995, 49, 499-507.	2.2	390
25	New spectral detectors for LIBS. , 0, , 556-584.		0