

Yu Ding

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

438
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of laser-induced breakdown spectroscopy signal enhancement. <i>Applied Spectroscopy Reviews</i> , 2018, 53, 1-35.	6.7	126
2	A Review of Laser-Induced Breakdown Spectroscopy for Analysis of Geological Materials. <i>Applied Spectroscopy Reviews</i> , 2015, 50, 1-26.	6.7	82
3	Accurate quantitative determination of heavy metals in oily soil by laser induced breakdown spectroscopy (LIBS) combined with interval partial least squares (IPLS). <i>Analytical Methods</i> , 2019, 11, 3657-3664.	2.7	47
4	Quantitative analysis of sinters using laser-induced breakdown spectroscopy (LIBS) coupled with kernel-based extreme learning machine (K-ELM). <i>Analytical Methods</i> , 2018, 10, 1074-1079.	2.7	30
5	A hybrid random forest method fusing wavelet transform and variable importance for the quantitative analysis of K in potassic salt ore using laser-induced breakdown spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1131-1138.	3.0	28
6	Review of aerosol analysis by laser-induced breakdown spectroscopy. <i>Applied Spectroscopy Reviews</i> , 2021, 56, 193-220.	6.7	24
7	Rapid quantitative analysis of the acidity of iron ore by the laser-induced breakdown spectroscopy (LIBS) technique coupled with variable importance measures-random forests (VIM-RF). <i>Analytical Methods</i> , 2019, 11, 3419-3428.	2.7	22
8	Laser Induced Breakdown Spectroscopy Based on Single Beam Splitting and Geometric Configuration for Effective Signal Enhancement. <i>Scientific Reports</i> , 2015, 5, 7625.	3.3	21
9	The basicity analysis of sintered ore using laser-induced breakdown spectroscopy (LIBS) combined with random forest regression (RFR). <i>Analytical Methods</i> , 2017, 9, 5365-5370.	2.7	19
10	Quantitative analysis of the content of nitrogen and sulfur in coal based on laser-induced breakdown spectroscopy: effects of variable selection. <i>Plasma Science and Technology</i> , 2020, 22, 074005.	1.5	16
11	Integrated instrumentation for combined laser-induced breakdown and Raman spectroscopy. <i>Instrumentation Science and Technology</i> , 2019, 47, 355-373.	1.8	7
12	Weak Multiple Fault Detection Based on Weighted Morlet Wavelet-Overlapping Group Sparse for Rolling Bearing Fault Diagnosis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2057.	2.5	7
13	Design and Development of a Miniature Digital Delay Generator for Laser-Induced Breakdown Spectroscopy. <i>Instrumentation Science and Technology</i> , 2015, 43, 115-124.	1.8	4
14	Development of an Automated LIBS Analytical Test System Integrated with Component Control and Spectrum Analysis Capabilities. <i>Plasma Science and Technology</i> , 2015, 17, 704-710.	1.5	4
15	Enhanced Smith predictor by Kalman filter prediction for the charge-coupled device-based visual tracking system. <i>Optical Engineering</i> , 2022, 61, .	1.0	1