

# Yu Ding

## List of Publications by Year in descending order

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15  
papers

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citations

933447

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996975

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all docs

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docs citations

15  
times ranked

463  
citing authors

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