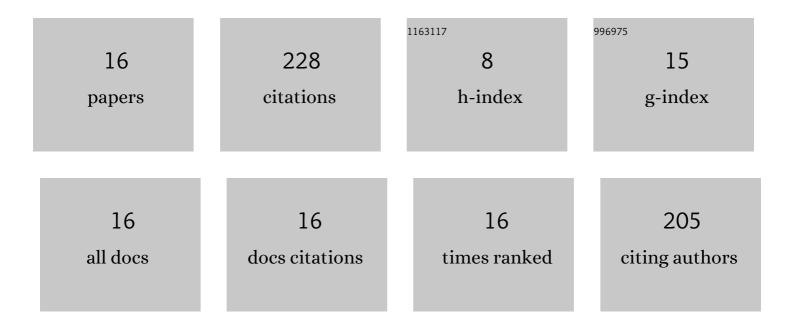
Duixiong Sun

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2421771/publications.pdf Version: 2024-02-01



DUIXIONC SUN

#	Article	IF	CITATIONS
1	Quantitative analysis of Cu in Traditional Chinese medicinal materials using laserâ€induced breakdown spectroscopy. Microwave and Optical Technology Letters, 2023, 65, 1200-1207.	1.4	3
2	In Situ Study of Cave 98 Murals on Dunhuang Grottoes Using Portable Laser-Induced Breakdown Spectroscopy. Frontiers in Physics, 2022, 10, .	2.1	5
3	Effect of buffer gas on the analysis of Dunhuang murals by laser-induced breakdown spectroscopy technology. Journal of Cultural Heritage, 2022, 55, 399-408.	3.3	3
4	Influence of particle size distribution of pigments on depth profiling of murals using laser-induced breakdown spectroscopy. Journal of Cultural Heritage, 2021, 47, 109-116.	3.3	10
5	A potential method to determine pigment particle size on ancient murals using laser induced breakdown spectroscopy and chemometric analysis. Analytical Methods, 2021, 13, 1381-1391.	2.7	11
6	Expansion dynamics and compression layer in collinear double-pulse laser produced plasmas in a vacuum. Physics of Plasmas, 2020, 27, .	1.9	5
7	Diagnosis of electron temperature and density in the early stage of laser-produced Si plasma expansion. Physics of Plasmas, 2020, 27, .	1.9	4
8	Analysis of metallic elements dissolution in the <i>Astragalus</i> at different decocting time by using LIBS technique. Plasma Science and Technology, 2020, 22, 085501.	1.5	5
9	Investigation of ancient wall paintings in Mogao Grottoes at Dunhuang using laser-induced breakdown spectroscopy. Optics and Laser Technology, 2019, 120, 105689.	4.6	25
10	Using Sahaâ€Boltzmann Plot to Diagnose Lightning Return Stroke Channel Temperature. Journal of Geophysical Research D: Atmospheres, 2019, 124, 4689-4698.	3.3	11
11	Determination of the limits of detection for aluminum-based alloys by spatially resolved single- and double-pulse laser-induced breakdown spectroscopy. Analytical Methods, 2018, 10, 2595-2603.	2.7	14
12	Evaluation of liquid cathode glow discharge-atomic emission spectrometry for determination of copper and lead in ores samples. Talanta, 2017, 164, 216-221.	5.5	49
13	Determination of calcium and zinc in gluconates oral solution and blood samples by liquid cathode glow discharge-atomic emission spectrometry. Talanta, 2017, 175, 150-157.	5.5	44
14	High-Sensitivity Determination of K, Ca, Na, and Mg in Salt Mines Samples by Atomic Emission Spectrometry with a Miniaturized Liquid Cathode Glow Discharge. Journal of Analytical Methods in Chemistry, 2017, 2017, 1-10.	1.6	5
15	Quantitative Analysis of Metallic Elements in Tobacco and Tobacco Ash by Calibration Free Laser-Induced Breakdown Spectroscopy. Analytical Letters, 2012, 45, 1936-1945.	1.8	8
16	Rapid analysis on the heavy metal content of spent zinc–manganese batteries by laser-induced breakdown spectroscopy. Optics and Laser Technology, 2012, 44, 2469-2475.	4.6	26