

Ye Tian

List of Publications by Year in descending order

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papers

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all docs

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docs citations

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times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitation improvement of underwater laser induced breakdown spectroscopy by using self-absorption correction based on plasma images. <i>Analytica Chimica Acta</i> , 2022, 1195, 339423.	2.6	13
2	A new approach for baseline correction in laser induced breakdown spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1134-1140.	1.6	6
3	Quantitative determination of phosphorus in seafood using laser-induced breakdown spectroscopy combined with machine learning. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 175, 106027.	1.5	23
4	Pressure effects on underwater laser-induced breakdown spectroscopy: an interpretation with self-absorption. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 644-653.	1.6	5
5	Normalization of underwater laser-induced breakdown spectroscopy using acoustic signals measured by a hydrophone. <i>Applied Optics</i> , 2021, 60, 1595.	0.9	17
6	Temporal-resolved measurement using a dual light-collection for laser induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 180, 106202.	1.5	3
7	Comprehensive effects of oceanic pressure and temperature on <i>in situ</i> LIBS signals. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2660-2668.	1.6	12
8	Spatiotemporal and spectroscopic investigations of the secondary plasma generated during double-pulse laser-induced breakdown in bulk water. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2880-2892.	1.6	8
9	Study of interpulse delay effects on orthogonal dual-pulse laser-induced breakdown spectroscopy in bulk seawater. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2351-2357.	1.6	17
10	Spectral characteristics of underwater laser-induced breakdown spectroscopy under high-pressure conditions. <i>Plasma Science and Technology</i> , 2020, 22, 074004.	0.7	6
11	Improvement in the analytical performance of underwater LIBS signals by exploiting the plasma image information. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 366-376.	1.6	30
12	Laser-induced plasma in water at high pressures up to 40 MPa: A time-resolved study. <i>Optics Express</i> , 2020, 28, 18122.	1.7	18
13	Development and Field Tests of a Deep-Sea Laser-Induced Breakdown Spectroscopy (LIBS) System for Solid Sample Analysis in Seawater. <i>Sensors</i> , 2020, 20, 7341.	2.1	20
14	Machine Learning Allows Calibration Models to Predict Trace Element Concentration in Soils with Generalized LIBS Spectra. <i>Scientific Reports</i> , 2019, 9, 11363.	1.6	68
15	CaOH Molecular Emissions in Underwater Laser-Induced Breakdown Spectroscopy: Spatial and Temporal Characteristics and Analytical Performances. <i>Analytical Chemistry</i> , 2019, 91, 13970-13977.	3.2	32
16	Laser focusing geometry effects on laser-induced plasma and laser-induced breakdown spectroscopy in bulk water. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 118-126.	1.6	56
17	EXPRESS: Effects of Ambient Temperature on Laser-Induced Plasma in Bulk Water. <i>Applied Spectroscopy</i> , 2019, 73, 000370281985635.	1.2	9
18	Characteristics of the secondary breakdown of DP-LIBS in bulk water with different axial focusing arrangements and laser energies. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019, 151, 20-25.	1.5	22

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19	Salinity effects on elemental analysis in bulk water by laser-induced breakdown spectroscopy. Applied Optics, 2019, 58, 3886.	0.9	16
20	Investigation of laser-induced plasma characteristics in bulk water under different focusing arrangements. Applied Optics, 2018, 57, 1640.	0.9	15
21	Comparative investigation of laser-induced breakdown spectroscopy in bulk water using 532- and 1064-nm lasers. Applied Physics Express, 2017, 10, 072401.	1.1	22
22	Stabilization of laser-induced plasma in bulk water using large focusing angle. Applied Physics Letters, 2016, 109, .	1.5	47
23	Elemental analysis of powders with surface-assisted thin film laser-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2016, 124, 16-24.	1.5	28
24	Non-gated laser-induced breakdown spectroscopy in bulk water by position-selective detection. Applied Physics Letters, 2015, 107, .	1.5	32
25	Characteristics of the ablation plume induced on glasses for analysis purposes with laser-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 114, 7-14.	1.5	11
26	Study of pressure effects on laser induced plasma in bulk seawater. Journal of Analytical Atomic Spectrometry, 2014, 29, 169-175.	1.6	67
27	Plasma condensation effect induced by ambient pressure in laser-induced breakdown spectroscopy. Applied Physics Express, 2014, 7, 032402.	1.1	14
28	Temperature Measurement of Laser-Induced Plasmas from the Intensity Ratio of Two Lines Emitted from Different Elements with the Same Ionization Degree. Applied Spectroscopy, 2014, 68, 1085-1092.	1.2	5
29	Investigation of laser-induced bubble dynamics in water at high hydrostatic pressures. Optics Express, 0, , .	1.7	7