

Zhiyang Tang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

205
citations

1039880

9
h-index

1058333

14
g-index

19
all docs

19
docs citations

19
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitive analysis of fluorine and chlorine elements in water solution using laser-induced breakdown spectroscopy assisted with molecular synthesis. <i>Talanta</i> , 2021, 224, 121784.	2.9	23
2	Determination of chlorine with radical emission using laser-induced breakdown spectroscopy coupled with partial least square regression. <i>Talanta</i> , 2019, 198, 93-96.	2.9	21
3	Determination of uranium in ores using laser-induced breakdown spectroscopy combined with laser-induced fluorescence. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 626-631.	1.6	20
4	Determination of fluorine in copper ore using laser-induced breakdown spectroscopy assisted by the SrF molecular emission band. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 754-761.	1.6	19
5	Fast detection of harmful trace elements in glycyrrhiza using standard addition and internal standard method – Laser-induced breakdown spectroscopy (SAIS-LIBS). <i>Microchemical Journal</i> , 2021, 168, 106408.	2.3	18
6	Lead of detection in rhododendron leaves using laser-induced breakdown spectroscopy assisted by laser-induced fluorescence. <i>Science of the Total Environment</i> , 2020, 738, 139402.	3.9	17
7	Sulfur determination in laser-induced breakdown spectroscopy combined with resonance Raman scattering. <i>Talanta</i> , 2020, 216, 120968.	2.9	13
8	Micro-destructive analysis with high sensitivity using double-pulse resonant laser-induced breakdown spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1198-1204.	1.6	11
9	Silicon determination in steel with molecular emission using laser-induced breakdown spectroscopy combined with laser-induced molecular fluorescence. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 375-379.	1.6	10
10	Determination of lead in aqueous solutions using resonant surface-enhanced LIBS. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2480-2484.	1.6	9
11	Determination of micronutrient elements in soil using laser-induced breakdown spectroscopy assisted by laser-induced fluorescence. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 614-621.	1.6	9
12	Determination of fluorine content in rocks using laser-induced breakdown spectroscopy assisted with radical synthesis. <i>Talanta</i> , 2021, 234, 122712.	2.9	8
13	The validity of nanoparticle enhanced molecular laser-induced breakdown spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1034-1040.	1.6	6
14	Interference correction for laser-induced breakdown spectroscopy using a deconvolution algorithm. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 762-766.	1.6	5
15	Study on the spectral characteristics and analytical performance of pulverized coal using laser-induced breakdown spectroscopy under a fast physical constraint. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1210-1216.	1.6	4
16	Determination of boron in aqueous solution using a method combining laser ablation molecular isotopic spectrometry with molecular laser-induced fluorescence and isotopic dilution. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 607-613.	1.6	4
17	Bessel beams: a potential strategy for laser-induced breakdown spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2756-2762.	1.6	4
18	Determination of fluorine in copper concentrate via CaF molecules using laser-induced breakdown spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1735-1741.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Spectral clustering based on histogram of oriented gradient (HOG) of coal using laser-induced breakdown spectroscopy. Journal of Analytical Atomic Spectrometry, 2021, 36, 1297-1305.	1.6	2