

Vincenzo Palleschi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5447900/publications.pdf>

Version: 2024-02-01

249
papers

10,015
citations

46918

47
h-index

48187

88
g-index

258
all docs

258
docs citations

258
times ranked

3891
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-Induced Breakdown Spectroscopy (LIBS). , 2006, , .		778
2	New Procedure for Quantitative Elemental Analysis by Laser-Induced Plasma Spectroscopy. Applied Spectroscopy, 1999, 53, 960-964.	1.2	736
3	Local Thermodynamic Equilibrium in Laser-Induced Breakdown Spectroscopy: Beyond the McWhirter criterion. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2010, 65, 86-95.	1.5	514
4	Quantitative micro-analysis by laser-induced breakdown spectroscopy: a review of the experimental approaches. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 1115-1130.	1.5	398
5	Calibration-Free Laser-Induced Breakdown Spectroscopy: State of the art. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2010, 65, 1-14.	1.5	362
6	A procedure for correcting self-absorption in calibration free-laser induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 339-353.	1.5	293
7	Evaluation of self-absorption coefficients of aluminum emission lines in laser-induced breakdown spectroscopy measurements. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 1573-1579.	1.5	261
8	A numerical study of expected accuracy and precision in Calibration-Free Laser-Induced Breakdown Spectroscopy in the assumption of ideal analytical plasma. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 1287-1302.	1.5	204
9	Fast and precise algorithm for computer simulation of stochastic differential equations. Physical Review A, 1989, 40, 3381-3386.	1.0	193
10	Trace Element Analysis in Water by the Laser-Induced Breakdown Spectroscopy Technique. Applied Spectroscopy, 1997, 51, 1102-1105.	1.2	166
11	Three-dimensional analysis of laser induced plasmas in single and double pulse configuration. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2004, 59, 723-735.	1.5	150
12	Influence of ambient gas pressure on laser-induced breakdown spectroscopy technique in the parallel double-pulse configuration. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2004, 59, 1907-1917.	1.5	145
13	Nematic-isotropic interface of some members of the homologous series of 4-cyano-4'-(n-alkyl)biphenyl liquid crystals. Physical Review A, 1984, 30, 3241-3251.	1.0	129
14	Calibration free laser-induced breakdown spectroscopy of oxide materials. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2010, 65, 671-679.	1.5	124
15	Application of laser-induced breakdown spectroscopy technique to hair tissue mineral analysis. Applied Optics, 2003, 42, 6133.	2.1	119
16	Applications of laser-induced breakdown spectroscopy in cultural heritage and archaeology: a critical review. Journal of Analytical Atomic Spectrometry, 2019, 34, 81-103.	1.6	118
17	Almost Critical Behavior of the Anchoring Energy at the Interface between a Nematic Liquid Crystal and a SiO Substrate. Physical Review Letters, 1985, 55, 1681-1684.	2.9	117
18	Elemental analysis by surface-enhanced Laser-Induced Breakdown Spectroscopy combined with liquid-liquid microextraction. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2013, 79-80, 88-93.	1.5	117

#	ARTICLE	IF	CITATIONS
19	Evaluation of self-absorption of manganese emission lines in Laser Induced Breakdown Spectroscopy measurements. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2006, 61, 1294-1303.	1.5	116
20	Effect of laser pulse energies in laser induced breakdown spectroscopy in double-pulse configuration. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 1392-1401.	1.5	112
21	ModA-: a new mobile instrument for in situ double-pulse LIBS analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 240-247.	1.9	105
22	Laser-induced breakdown spectroscopy for human and animal health: A review. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019, 152, 123-148.	1.5	104
23	Double pulse, calibration-free laser-induced breakdown spectroscopy: A new technique for in situ standard-less analysis of polluted soils. <i>Applied Geochemistry</i> , 2006, 21, 748-755.	1.4	102
24	Trace pollutants analysis in soil by a time-resolved laser-induced breakdown spectroscopy technique. <i>Applied Physics B: Lasers and Optics</i> , 1996, 63, 185-190.	1.1	99
25	Effect of Laser-Induced Crater Depth in Laser-Induced Breakdown Spectroscopy Emission Features. <i>Applied Spectroscopy</i> , 2005, 59, 853-860.	1.2	99
26	Characterization of azurite and lazurite based pigments by laser induced breakdown spectroscopy and micro-Raman spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001, 56, 915-922.	1.5	95
27	Characterization of a collinear double pulse laser-induced plasma at several ambient gas pressures by spectrally- and time-resolved imaging. <i>Applied Physics B: Lasers and Optics</i> , 2005, 80, 559-568.	1.1	83
28	One-point calibration for calibration-free laser-induced breakdown spectroscopy quantitative analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 87, 51-56.	1.5	82
29	Spectroscopic and shadowgraphic analysis of laser induced plasmas in the orthogonal double pulse pre-ablation configuration. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2006, 61, 340-350.	1.5	81
30	Self-calibrated quantitative elemental analysis by laser-induced plasma spectroscopy: application to pigment analysis. <i>Journal of Cultural Heritage</i> , 2000, 1, S281-S286.	1.5	80
31	A fast and accurate method for the determination of precious alloys caratage by Laser Induced Plasma Spectroscopy. <i>European Physical Journal D</i> , 2001, 13, 373-377.	0.6	77
32	Comparison of detection limits, for two metallic matrices, of laser-induced breakdown spectroscopy in the single and double-pulse configurations. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 316-325.	1.9	72
33	Industrial applications of laser-induced breakdown spectroscopy: a review. <i>Analytical Methods</i> , 2020, 12, 1014-1029.	1.3	72
34	Observation of different mass removal regimes during the laser ablation of an aluminium target in air. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 1518.	1.6	71
35	Spatial distribution of hydrogen and other emitters in aluminum laser-induced plasma in air and consequences on spatially integrated Laser-Induced Breakdown Spectroscopy measurements. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 980-987.	1.5	69
36	A review of the current analytical approaches for evaluating, compensating and exploiting self-absorption in Laser Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 169, 105878.	1.5	69

#	ARTICLE	IF	CITATIONS
37	An artificial neural network approach to laser-induced breakdown spectroscopy quantitative analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 99, 52-58.	1.5	68
38	Effect of target composition on the emission enhancement observed in Double-Pulse Laser-Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 312-323.	1.5	65
39	Quantitative analysis of aluminium alloys by low-energy, high-repetition rate laser-induced breakdown spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 697.	1.6	60
40	Classical univariate calibration and partial least squares for quantitative analysis of brass samples by laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2010, 65, 658-663.	1.5	59
41	Classification of wrought aluminum alloys by Artificial Neural Networks evaluation of Laser Induced Breakdown Spectroscopy spectra from aluminum scrap samples. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 134, 52-57.	1.5	58
42	A hybrid calibration-free/artificial neural networks approach to the quantitative analysis of LIBS spectra. <i>Applied Physics B: Lasers and Optics</i> , 2015, 118, 353-360.	1.1	56
43	In situ study of the Porticello Bronzes by portable X-ray fluorescence and laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 1512-1518.	1.5	55
44	Investigation on the role of air in the dynamical evolution and thermodynamic state of a laser-induced aluminium plasma by spatial- and time-resolved spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2010, 65, 787-796.	1.5	54
45	Detection of mercury in air by time-resolved laser-induced breakdown spectroscopy technique. <i>Laser and Particle Beams</i> , 1994, 12, 525-530.	0.4	52
46	Comparison between single- and double-pulse LIBS at different air pressures on silicon target. <i>Applied Physics B: Lasers and Optics</i> , 2006, 83, 651-657.	1.1	51
47	Time-resolved LIBS experiment for quantitative determination of pollutant concentrations in air. <i>Laser and Particle Beams</i> , 1991, 9, 633-639.	0.4	50
48	Diagnostics of high-temperature steel pipes in industrial environment by laser-induced breakdown spectroscopy technique: the LIBSGRAIN project. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 1181-1192.	1.5	50
49	Analytical and mathematical methods for revealing hidden details in ancient manuscripts and paintings: A review. <i>Journal of Advanced Research</i> , 2019, 17, 31-42.	4.4	50
50	X-Ray Fluorescence and Laser-Induced Breakdown Spectroscopy analysis of Roman silver denarii. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 74-75, 156-161.	1.5	48
51	Archaeometric Analysis of Ancient Copper Artefacts by Laser-Induced Breakdown Spectroscopy Technique. <i>Mikrochimica Acta</i> , 2005, 152, 105-111.	2.5	47
52	Effect of laser parameters on plasma shielding in single and double pulse configurations during the ablation of an aluminium target. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 225207.	1.3	47
53	On the determination of plasma electron number density from Stark broadened hydrogen Balmer series lines in Laser-Induced Breakdown Spectroscopy experiments. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 88, 98-103.	1.5	46
54	Spherical shock waves in laser produced plasmas in gas. <i>Optics Communications</i> , 1988, 69, 141-146.	1.0	44

#	ARTICLE	IF	CITATIONS
55	Temporal and Spatial Evolution of a Laser-Induced Plasma from a Steel Target. <i>Applied Spectroscopy</i> , 2003, 57, 715-721.	1.2	44
56	From Calibration-Free to Fundamental Parameters Analysis: A comparison of three recently proposed approaches. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 124, 40-46.	1.5	44
57	Measurements of the interfacial tension between nematic and isotropic phase of some cyanobiphenyls. <i>Journal of Chemical Physics</i> , 1984, 81, 6254-6258.	1.2	42
58	Plasma processes and emission spectra in laser induced plasmas: A point of view. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 100, 180-188.	1.5	42
59	Multivariate calibration in Laser-Induced Breakdown Spectroscopy quantitative analysis: The dangers of a "black box" approach and how to avoid them. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 144, 46-54.	1.5	42
60	Study of foxing stains on paper by chemical methods, infrared spectroscopy, micro-X-ray fluorescence spectrometry and laser induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 1235-1249.	1.5	40
61	Numerical solution of the Fokker-Planck equation: A fast and accurate algorithm. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1990, 146, 378-386.	0.9	39
62	CF-LIPS: A new approach to LIPS spectra analysis. <i>Laser and Particle Beams</i> , 1999, 17, 793-797.	0.4	39
63	Determination of the deuterium/hydrogen ratio in gas reaction products by laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2006, 61, 797-802.	1.5	39
64	Wood coated with plasma-polymer for water repellence. <i>Wood Science and Technology</i> , 2008, 42, 149-160.	1.4	39
65	Shock Waves in Laser-Induced Plasmas. <i>Atoms</i> , 2019, 7, 57.	0.7	39
66	Measurement of Stark broadening of Mn I and Mn II spectral lines in plasmas used for Laser-Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 1237-1245.	1.5	38
67	Characterization of historical mortars from the bell tower of St. Nicholas church (Pisa, Italy). <i>Construction and Building Materials</i> , 2014, 69, 203-212.	3.2	38
68	Quantitative analysis of metals in waste foundry sands by calibration free-laser induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 131, 58-65.	1.5	38
69	Extracting Time-Resolved Information from Time-Integrated Laser-Induced Breakdown Spectra. <i>Journal of Spectroscopy</i> , 2014, 2014, 1-5.	0.6	36
70	Fast quantitative elemental mapping of highly inhomogeneous materials by micro-Laser-Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 146, 9-15.	1.5	36
71	Determination of Ash Content of coal by Laser-Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019, 155, 123-126.	1.5	36
72	Molecular orientation and anchoring energy at the nematic-isotropic interface of 7CB. <i>Journal De Physique (Paris), Lettres</i> , 1984, 45, 313-318.	2.8	36

#	ARTICLE	IF	CITATIONS
73	Micro-Laser-Induced Breakdown Spectroscopy (Micro-LIBS) Study on Ancient Roman Mortars. <i>Applied Spectroscopy</i> , 2017, 71, 721-727.	1.2	35
74	Combination of the ionic-to-atomic line intensity ratios from two test elements for the diagnostic of plasma temperature and electron number density in Inductively Coupled Plasma Atomic Emission Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 435-443.	1.5	33
75	Green-synthesized silver nanoparticles for Nanoparticle-Enhanced Laser Induced Breakdown Spectroscopy (NELIBS) using a mobile instrument. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 141, 53-58.	1.5	31
76	Determination of excitation temperature in laser-induced plasmas using columnar density Saha-Boltzmann plot. <i>Journal of Advanced Research</i> , 2019, 18, 1-7.	4.4	30
77	Classification of sedimentary and igneous rocks by laser induced breakdown spectroscopy and nanoparticle-enhanced laser induced breakdown spectroscopy combined with principal component analysis and graph theory. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019, 158, 105622.	1.5	30
78	Progress towards an unassisted element identification from Laser Induced Breakdown Spectra with automatic ranking techniques inspired by text retrieval. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2010, 65, 664-670.	1.5	29
79	A New Method for Determination of Self-Absorption Coefficients of Emission Lines in Laser-Induced Breakdown Spectroscopy Experiments. <i>Applied Spectroscopy</i> , 2010, 64, 320-323.	1.2	29
80	Recovery of archaeological wall paintings using novel multispectral imaging approaches. <i>Heritage Science</i> , 2013, 1, .	1.0	29
81	Application of Laser Induced Breakdown Spectroscopy to the identification of emeralds from different synthetic processes. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 102, 48-51.	1.5	29
82	Fast analysis of complex metallic alloys by double-pulse time-integrated Laser-Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 1068-1072.	1.5	28
83	Comparison of brass alloys composition by laser-induced breakdown spectroscopy and self-organizing maps. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 103-104, 70-75.	1.5	28
84	Evaluation of Thin Film Microextraction for trace elemental analysis of liquid samples using LIBS detection. <i>Talanta</i> , 2021, 223, 121736.	2.9	28
85	Experimental investigation of surface deformations at the nematic-isotropic interface : a new method to measure the Nehring-Saupe elastic constant K13. <i>Journal De Physique</i> , 1985, 46, 415-424.	1.8	28
86	Laser-based continuous monitoring and resolution of steel grades in sequence casting machines. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 112, 1-5.	1.5	27
87	Dynamics of laser-driven shock waves in water. <i>Journal of Applied Physics</i> , 1989, 66, 5194-5197.	1.1	26
88	Three-dimensional compositional mapping using double-pulse micro-laser-induced breakdown spectroscopy technique. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 127, 1-6.	1.5	26
89	Laser-induced breakdown spectroscopy: principles of the technique and future trends. <i>ChemTexts</i> , 2020, 6, 1.	1.0	25
90	Real time measurement of the electron density of a laser generated plasma using a RC circuit. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 836-840.	1.5	23

#	ARTICLE	IF	CITATIONS
91	Identification of inorganic dyeing mordant in textiles by surface-enhanced laser-induced breakdown spectroscopy. <i>Microchemical Journal</i> , 2018, 139, 230-235.	2.3	23
92	Elemental and mineralogical imaging of a weathered limestone rock by double-pulse micro-Laser-Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 143, 91-97.	1.5	23
93	Mineralogical, petrographic and physical-mechanical study of Roman construction materials from the Maritime Theatre of Hadrian's Villa (Rome, Italy). <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 127, 264-276.	2.5	23
94	A new torsion pendulum technique to measure the twist elastic constant of liquid crystals. <i>Journal De Physique (Paris), Lettres</i> , 1985, 46, 881-886.	2.8	23
95	Experimental studies on shock wave propagation in laser produced plasmas using double wavelength holography. <i>Optics Communications</i> , 1989, 71, 76-80.	1.0	22
96	Exploiting Self-Absorption for Plasma Characterization in Laser-Induced Breakdown Spectroscopy Experiments: A Comparison of Two Recent Approaches. <i>Analytical Chemistry</i> , 2019, 91, 8595-8601.	3.2	22
97	A fast method for the calculation of electron number density and temperature in laser-induced breakdown spectroscopy plasmas using artificial neural networks. <i>Applied Physics B: Lasers and Optics</i> , 2014, 117, 437-444.	1.1	21
98	Application of Graph Theory to unsupervised classification of materials by Laser-Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 118, 40-44.	1.5	21
99	Laser-Induced Breakdown Spectroscopy for Determination of Spectral Fundamental Parameters. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4973.	1.3	21
100	The Twist Elastic Constant and Anchoring Energy of the Nematic Liquid Crystal 4-N-Octyl-4-Cyanobiphenyl. <i>Liquid Crystals</i> , 1987, 2, 261-268.	0.9	20
101	Calibration Free Laser Induced Plasma Spectroscopy: A New Method for Combustion Products Analysis. <i>Clean Air</i> , 2002, 3, 69-79.	0.0	20
102	Multiplicative stochastic processes: On the correlation time as a function of noise intensity. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1983, 99, 25-28.	0.9	19
103	Numerical solution of the Fokker-Planck equation. II. Multidimensional case. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1992, 163, 381-391.	0.9	19
104	The constituents of the ink from a Qumran inkwell: new prospects for provenancing the ink on the Dead Sea Scrolls. <i>Journal of Archaeological Science</i> , 2012, 39, 2956-2968.	1.2	19
105	Spectroscopic analysis of bones for forensic studies. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 99, 70-75.	1.5	19
106	Derivation of the critical angle for Mach reflection for strong shock waves. <i>Physical Review A</i> , 1992, 45, 6130-6132.	1.0	18
107	Laser-induced breakdown spectroscopy: an introduction to the feature issue. <i>Applied Optics</i> , 2003, 42, 5937.	2.1	18
108	Reconstruction of laser-induced plasma spectral emissivity in non-axisymmetric conditions. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 888-896.	1.5	18

#	ARTICLE	IF	CITATIONS
109	A multidisciplinary approach for the study and the virtual reconstruction of the ancient polychromy of Roman sarcophagi. <i>Journal of Cultural Heritage</i> , 2015, 16, 307-314.	1.5	18
110	Construction and comparison of 3D multi-source multi-band models for cultural heritage applications. <i>Journal of Cultural Heritage</i> , 2018, 34, 261-267.	1.5	18
111	Quantitative analysis of Ge/Si alloys using double-pulse calibration-free laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 146, 101-105.	1.5	17
112	Discovering "The Italian Flag" by Fernando Melani (1907-1985). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 168, 52-59.	2.0	16
113	Analysis of Serra d'Alto figuline pottery (Matera, Italy): Characterization of the dark decorations using XRF. <i>Microchemical Journal</i> , 2018, 137, 174-180.	2.3	16
114	A multi-analytical characterization of artists' carbon-based black pigments. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 3287-3299.	2.0	16
115	Spatial and Temporal Distribution of Chemically Characterized Microplastics within the Protected Area of Pelagos Sanctuary (NW Mediterranean Sea): Focus on Natural and Urban Beaches. <i>Water (Switzerland)</i> , 2020, 12, 3389.	1.2	16
116	A new approach to non-linear multivariate calibration in laser-induced breakdown spectroscopy analysis of silicate rocks. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 166, 105804.	1.5	16
117	Mean first-passage time in a bistable system driven by strongly correlated noise: Introduction of a fluctuating potential. <i>Physical Review A</i> , 1989, 39, 3751-3753.	1.0	15
118	Kramers problem for overdamped systems driven by correlated noise: Results for vanishing diffusion coefficients. <i>Physical Review A</i> , 1990, 42, 5946-5954.	1.0	15
119	Measurement of the Stark Broadening of Atomic Emission Lines in Non-Optically Thin Plasmas by Laser-Induced Breakdown Spectroscopy. <i>Spectroscopy Letters</i> , 2007, 40, 643-658.	0.5	15
120	Enhancement of hidden patterns in paintings using statistical analysis. <i>Journal of Cultural Heritage</i> , 2013, 14, S66-S70.	1.5	15
121	Laser-Induced Breakdown Spectroscopy analysis of the limestone Nuragic statues from Mont'e Prama site (Sardinia, Italy). <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 149, 62-70.	1.5	15
122	Study of the feeding effect on recent and ancient bovine bones by nanoparticle-enhanced laser-induced breakdown spectroscopy and chemometrics. <i>Journal of Advanced Research</i> , 2019, 17, 65-72.	4.4	15
123	Stratigraphic analysis of historical wooden samples from ancient bowed string instruments by laser induced breakdown spectroscopy. <i>Journal of Cultural Heritage</i> , 2020, 44, 275-284.	1.5	15
124	60 years of street art: A comparative study of the artists' materials through spectroscopic and mass spectrometric approaches. <i>Journal of Cultural Heritage</i> , 2021, 48, 129-140.	1.5	15
125	Applications of LIBS to the Analysis of Metals. <i>Springer Series in Optical Sciences</i> , 2014, , 169-193.	0.5	15
126	Measurements of surface elastic torques in liquid crystals : a method to measure elastic constants and anchoring energies. <i>Revue De Physique Appliquée</i> , 1986, 21, 451-461.	0.4	14

#	ARTICLE	IF	CITATIONS
127	On the mean first passage time in a bistable system: Some recently computed data. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1988, 129, 317-320.	0.9	14
128	Beyond the linear approximations of the conventional approaches to the theory of chemical relaxation. <i>Journal of Chemical Physics</i> , 1990, 92, 3427-3441.	1.2	14
129	Crater drilling enhancement obtained in parallel non-collinear double-pulse laser ablation. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 98, 219-225.	1.1	14
130	Laser-induced breakdown spectroscopy application to control of the process of precious metal recovery and recycling. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 71-72, 123-126.	1.5	14
131	Multi-technique study of a ceramic archaeological artifact and its content. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 100, 144-148.	2.0	13
132	Improvement of the performances of a commercial hand-held laser-induced breakdown spectroscopy instrument for steel analysis using multiple artificial neural networks. <i>Review of Scientific Instruments</i> , 2020, 91, 073111.	0.6	13
133	Comment on "Numerical method for colored-noise generation and its application to a bistable system". <i>Physical Review A</i> , 1992, 46, 8028-8030.	1.0	12
134	X-Ray Fluorescence Analysis of XIII-XIV Century Italian Gold Coins. <i>Journal of Archaeology</i> , 2014, 2014, 1-6.	0.5	12
135	Multielemental analysis of Antarctic soils using calibration free laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 180, 106191.	1.5	12
136	A reflectometric method to measure the azimuthal anchoring energy of a nematic liquid crystal. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1988, 10, 1313-1324.	0.4	11
137	First passage times distribution dependence on noise statistics and colour in a simple dynamical system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1988, 128, 318-326.	0.9	11
138	The Calculation of the Optical Depths of Homogeneous Plasmas: Analytical, Experimental, and Numerical Considerations. <i>Applied Spectroscopy</i> , 2011, 65, 1213-1217.	1.2	11
139	High-resolution three-dimensional compositional imaging by double-pulse laser-induced breakdown spectroscopy. <i>Journal of Instrumentation</i> , 2016, 11, C08002-C08002.	0.5	11
140	Recovery of a lost wall painting at the Etruscan Tomb of the Blue Demons in Tarquinia (Viterbo, Italy) by multispectral reflectometry and UV fluorescence imaging. <i>Archaeometry</i> , 2019, 61, 450-458.	0.6	11
141	Laser-Induced Breakdown Spectroscopy elemental mapping of the construction material from the Smederevo Fortress (Republic of Serbia). <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 181, 106219.	1.5	11
142	Screening effect of impurities in metals: a possible explanation of the process of cold nuclear fusion. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1989, 11, 927-932.	0.4	10
143	Towards a calibration-less ICP-AES method for the determination of trace elements in aqueous solutions: Double ratio plasma diagnostics combined with an internal standard. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 655.	1.6	10
144	Hydrogen Balmer $H\beta$ line behavior in Laser-Induced Breakdown Spectroscopy depth scans of Au, Cu, Mn, Pb targets in air. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2010, 65, 557-564.	1.5	10

#	ARTICLE	IF	CITATIONS
145	X-ray fluorescence analysis on a group of coins from the ancient roman city of <i>Tridentum</i> (Trento, Italy). <i>X-Ray Spectrometry</i> , 2014, 43, 370-374.	0.9	10
146	A multidisciplinary approach to the investigation of "La Caverna dell'Antimateria" (1958-1959) by Pinot Gallizio. <i>Heritage Science</i> , 2014, 2, .	1.0	10
147	Walking in the Streets of Pisa to Discover the Stones Used in the Middle Ages. <i>Geoheritage</i> , 2019, 11, 1631-1641.	1.5	10
148	The projection operator approach to the Fokker-Planck equation. II. Dichotomic and nonlinear Gaussian noise. <i>Journal of Statistical Physics</i> , 1988, 52, 979-1003.	0.5	9
149	The spherical pinch: Generalized scaling laws and experimental verification of the stability of imploding shock waves in spherical geometry. <i>Laser and Particle Beams</i> , 1990, 8, 253-263.	0.4	9
150	Mach reflection phenomenon in the interaction of spherical shock waves in air. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1991, 156, 89-95.	0.9	9
151	Spectroscopic Techniques Applied to the Study of Italian Painted Neolithic Potteries. <i>Laser Chemistry</i> , 2006, 2006, 1-7.	0.5	9
152	Determination of electron temperature temporal evolution in laser-induced plasmas through Independent Component Analysis and 3D Boltzmann plot. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 135, 48-53.	1.5	9
153	Multi-technique characterization of madder lakes: A comparison between non- and micro-destructive methods. <i>Journal of Cultural Heritage</i> , 2018, 33, 208-212.	1.5	9
154	Elemental analysis of dental amalgams by laser-induced breakdown spectroscopy technique. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 149, 229-235.	1.5	9
155	Determination of the Stark broadening coefficients of tantalum emission lines by time-independent Extended C-sigma method. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 167, 105829.	1.5	9
156	Investigating double pulse nanoparticle enhanced laser induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 167, 105845.	1.5	9
157	Multi-diagnostic approach to characterize the onset of formation of nanoparticles in a premixed laminar ethylene/air flame. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 191-201.	1.5	8
158	X-Ray Fluorescence Analysis and Self-Organizing Maps Classification of the Etruscan Gold Coin Collection at the Monetiere of Florence. <i>Applied Spectroscopy</i> , 2017, 71, 817-822.	1.2	8
159	Measurement of atomic transition probabilities with laser-induced breakdown spectroscopy using the 3D Boltzmann plot method. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019, 154, 91-96.	1.5	8
160	Quantitative analysis of major components of mineral particulate matter by calibration free laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 171, 105918.	1.5	8
161	Graph clustering and portable X-Ray Fluorescence: An application for in situ, fast and preliminary classification of transport amphoras. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 172, 105966.	1.5	8
162	Laser-induced breakdown spectroscopy and chemometric analysis of black toners for forensic applications. <i>Journal of Chemometrics</i> , 2021, 35, e3334.	0.7	8

#	ARTICLE	IF	CITATIONS
163	Graphene thin film microextraction and nanoparticle enhancement for fast LIBS metal trace analysis in liquids. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2022, 194, 106471.	1.5	8
164	Interaction of imploding shock waves with expanding central plasma in spherical pinch experiments: Simulation analysis. <i>Journal of Fusion Energy</i> , 1990, 9, 513-516.	0.5	7
165	Hydrodynamic evolution of laser driven diverging shock waves. <i>Laser and Particle Beams</i> , 1990, 8, 247-252.	0.4	7
166	1/4-LIBS/1/4-Raman spectroscopic analysis of pigments in a Roman fresco. , 2001, , .		7
167	Comment on "three-dimensional analysis of laser induced plasmas in single and double pulse configuration". <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 870-872.	1.5	7
168	Authors' reply to Wen et al.'s comment. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 872-875.	1.5	7
169	History and fundamentals of LIBS. , 0, , 1-39.		7
170	The chemical-physical knowledge before the restoration: the case of "The Plague in Lucca", a masterpiece of Lorenzo Viani (1882-1936). <i>Heritage Science</i> , 2015, 3, .	1.0	7
171	Direct analysis of anthraquinone dyed textiles by Surface Enhanced Raman Spectroscopy and Ag nanoparticles obtained by pulsed laser ablation. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	7
172	Comparison of Convolutional and Conventional Artificial Neural Networks for Laser-Induced Breakdown Spectroscopy Quantitative Analysis. <i>Applied Spectroscopy</i> , 2022, 76, 959-966.	1.2	7
173	Mean first-passage time for random-walk span: Comparison between theory and numerical experiment. <i>Physical Review A</i> , 1989, 40, 4685-4689.	1.0	6
174	Threshold effects in the transport of energy from a hot to a cold oscillator: Theory with analog and digital simulation. <i>Physical Review A</i> , 1989, 39, 2097-2111.	1.0	6
175	Propagation of electromagnetic waves in inhomogeneous plasmas. <i>Journal of Plasma Physics</i> , 1994, 52, 443-456.	0.7	6
176	Detection of pollutants in liquids by laser induced breakdown spectroscopy technique. , 0, , .		6
177	A Procedure for Estimating the Electron Temperature and the Departure of the LTE Condition in a Time-Dependent, Spatially Homogeneous, Optically Thin Plasma. <i>Brazilian Journal of Physics</i> , 2013, 43, 239-246.	0.7	6
178	Double-pulse laser-induced breakdown spectroscopy analysis of scales from petroleum pipelines. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 87, 188-191.	1.5	6
179	Electroless deposited silver dendrites for SERS identification of natural dyes on laboratory-dyed and historic textiles. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	6
180	An Extended Kalman Filter approach to non-linear multivariate analysis of Laser-Induced Breakdown Spectroscopy spectra. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 149, 271-275.	1.5	6

#	ARTICLE	IF	CITATIONS
181	Double and Multiple Pulse LIBS Techniques. Springer Series in Optical Sciences, 2014, , 117-141.	0.5	6
182	Increasing resolution in chemical mapping of geomaterials: From X-ray fluorescence to laser-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2022, 194, 106482.	1.5	6
183	Temporal analysis of self-reversed Ag I resonant lines in LIBS experiment at different laser pulse energy and in different surrounding media. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2022, 195, 106489.	1.5	6
184	Hydrodynamics of laser-produced shock waves in water: Reflection and transmission measurements. Journal of Applied Physics, 1991, 69, 1660-1665.	1.1	5
185	Fast detection in the near and medium infrared by means of transverse dember effect in anisotropic PbS and PbSe films. Infrared Physics, 1993, 34, 137-141.	0.5	5
186	Determining the composition of bronze alloys by means of high-dimensional feature selection and Artificial Neural Networks. , 2015, , .		5
187	Provenance of marbles used for building the internal spiral staircase of the bell tower of St. Nicholas Church (Pisa, Italy). Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	5
188	Analysis of the middle Neolithic trichrome pottery: Characterization of the decoration using X-Ray fluorescence and Raman spectroscopy. Journal of Archaeological Science: Reports, 2019, 24, 192-197.	0.2	5
189	Application of Reflectance Transformation Imaging to Experimental Archaeology Studies. Heritage, 2020, 3, 1279-1286.	0.9	5
190	About the use of inverse calibration in laser-induced breakdown spectroscopy quantitative analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 170, 105917.	1.5	5
191	Effect of plasma inhomogeneity on the determination of Stark broadening coefficients by Laser-Induced Breakdown Spectroscopy. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 271, 107714.	1.1	5
192	Rapid stoichiometric analysis of calcium-phosphorus ratio on hydroxyapatite targets by one-point calibration laser-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 184, 106250.	1.5	5
193	Combining Multiple Neural Networks to Predict Bronze Alloy Elemental Composition. Smart Innovation, Systems and Technologies, 2016, , 345-352.	0.5	5
194	LIBS analysis of twelve bronze statues displayed in the National Archaeological Museum of Crotona. Optica Pura Y Aplicada, 2012, 45, 277-286.	0.0	5
195	Detection of environmental contaminants by time resolved laser induced breakdown spectroscopy technique. , 0, , .		4
196	Accurate measurement of magnesium content in alpha-olefins by laser induced breakdown spectroscopy (LIBS) technique. Optoelectronics Letters, 2007, 3, 222-226.	0.4	4
197	Comments on the paper: "Accurate quantitative analysis of gold alloys using multi-pulse laser-induced breakdown spectroscopy and a correlation-based calibration method" Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 357-358.	1.5	4
198	Comment on "A multivariate model based on dominant factor for laser-induced breakdown spectroscopy measurements" by Zhe Wang, Jie Feng, Lizhi Li, Weidou Ni and Zheng Li, J. Anal. At. Spectrom., 2011, DOI: 10.1039/c1ja10041f. Journal of Analytical Atomic Spectrometry, 2011, 26, 2300.	1.6	4

#	ARTICLE	IF	CITATIONS
199	Real time determination of the laser ablated mass by means of electric field-perturbation measurement. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 142, 50-54.	1.5	4
200	A New Infrared True-Color Approach for Visible-Infrared Multispectral Image Analysis. <i>Journal on Computing and Cultural Heritage</i> , 2019, 12, 1-11.	1.2	4
201	Determination of Spectroscopic Parameters of Ag(I) and Ag(II) Emission Lines Using Time-Independent Extended C-Sigma Method. <i>Applied Spectroscopy</i> , 2021, 75, 654-660.	1.2	4
202	A Multi-Analytical Study of an Ancient Egyptian Limestone Stele for Knowledge and Conservation Purposes: Recovering Hieroglyphs and Figurative Details by Image Analysis. <i>Heritage</i> , 2021, 4, 1193-1207.	0.9	4
203	Mean first passage time for bound non-Markovian stochastic processes with superimposed shot noise. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1989, 138, 381-386.	0.9	3
204	Simulation and experimental studies on the evolution of a laser spark in air. <i>Laser and Particle Beams</i> , 1992, 10, 707-713.	0.4	3
205	Calibration-free laser-induced plasma spectroscopy: a new frontier for material analysis, environmental protection, and cultural heritage conservation. , 2000, , .		3
206	Modi: a new mobile instrument for in situ standardless LIBS analysis of cultural heritage. , 2005, , .		3
207	From sample to signal in laser-induced breakdown spectroscopy: a complex route to quantitative analysis. , 0, , 122-170.		3
208	Study of binary lead-tin alloys using a new procedure based on calibration-free laser induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 170, 105902.	1.5	3
209	Understanding the source of signal fluctuations in laser-induced breakdown spectroscopy analytical applications. <i>Frontiers of Physics</i> , 2021, 16, 1.	2.4	3
210	Investigation of the dynamics of converging shock waves in spherical and annular configurations. <i>Journal Physics D: Applied Physics</i> , 1989, 22, 1451-1455.	1.3	2
211	Theoretical and Experimental Studies on the Cold Nuclear Fusion Phenomena. <i>Fusion Science and Technology</i> , 1990, 17, 704-709.	0.6	2
212	On the process of Mach wave generation in air. <i>Laser and Particle Beams</i> , 1991, 9, 453-464.	0.4	2
213	Scaling laws for spherical pinch experiments. <i>Laser and Particle Beams</i> , 1991, 9, 435-442.	0.4	2
214	Theoretical study of electromagnetic waves propagation in random layered media. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1993, 172, 256-262.	0.9	2
215	<title>Quantitative LIBS analysis of samples from a Le Sueur bronze</title>. , 2006, , .		2
216	Dynamics of Spatially and Temporally Resolved Laser Induced Al-plasma. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	2

#	ARTICLE	IF	CITATIONS
217	Resolving surface details with reflection and fluorescence video-confocal profilometry. <i>Micron</i> , 2007, 38, 104-108.	1.1	2
218	Self-calibrated methods for LIBS quantitative analysis. , 2020, , 561-580.		2
219	Branching Ratio Method for Assessing Optically Thin Conditions in Laser-Induced Plasmas. <i>Applied Spectroscopy</i> , 2021, 75, 000370282110067.	1.2	2
220	Application of Graph Theory to the elaboration of personal genomic data for genealogical research. <i>PeerJ Computer Science</i> , 0, 1, e27.	2.7	2
221	The Cultural Heritage of "Black Stones" (Lapis Aequipondus/Martyrum) of Leopardi's Child Home (Recanati, Italy). <i>Materials</i> , 2022, 15, 3828.	1.3	2
222	Hydrodynamic Effects on Thermalisation of Dense Core with Surrounding Corona in Laser-Implored Zr-Layered Plasma Target. <i>Contributions To Plasma Physics</i> , 1991, 31, 423-427.	0.5	1
223	Scaling laws considering thermal radiation influence for spherical pinch experiments. <i>Journal of Fusion Energy</i> , 1994, 13, 39-44.	0.5	1
224	Analysis of biological tissues by laser induced breakdown spectroscopy technique. , 2003, , .		1
225	Cultural heritage applications of LIBS. , 0, , 332-367.		1
226	Industrial applications of LIBS. , 0, , 400-439.		1
227	<title>New perspectives in LIBS analysis of polluted soils</title>. , 2006, 6284, 40.		1
228	<title>On the enhancement of laser induced breakdown spectroscopy signal in double pulse configuration</title>. , 2006, , .		1
229	Element detection relying on information retrieval techniques applied to laser spectroscopy. , 2011, , .		1
230	A stochastic model of the process of sequence casting of steel, taking into account imperfect mixing. <i>Applied Physics B: Lasers and Optics</i> , 2019, 125, 1.	1.1	1
231	Comment on: "Measurement of deviations of transition probability of the neutral silver lines at 827.35 and 768.77 nm using OES-technique" by Alhijry et al. [JQSRT (2020) 106922]. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 256, 107290.	1.1	1
232	Fast and Precise Determination of Painted Artwork Composition by Laser Induced Plasma Spectroscopy. , 2000, , 139-142.		1
233	Digital image analysis on cathodoluminescence microscopy images for ancient ceramic classification: methods, applications, and perspectives. <i>European Physical Journal Plus</i> , 2022, 137, .	1.2	1
234	Flux conduction effect on laser-induced density profile and plasma ablation near plasma resonance layer. <i>Plasma Physics and Controlled Fusion</i> , 1988, 30, 399-406.	0.9	0

#	ARTICLE	IF	CITATIONS
235	Hydrodynamics of supercritical region in laser ablated plasmas. <i>Laser and Particle Beams</i> , 1989, 7, 589-595.	0.4	0
236	Tsironiset al. reply. <i>Physical Review Letters</i> , 1989, 63, 217-217.	2.9	0
237	A plasma model of the process of cold nuclear fusion in metals. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1990, 148, 345-350.	0.9	0
238	Thermal effects of hot electron halo in a laser-imploded Z-layered plasma pellet. <i>Laser and Particle Beams</i> , 1990, 8, 421-426.	0.4	0
239	Non-integer moments of the first passage time distribution in non-Markov systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1991, 159, 133-138.	0.9	0
240	<title>Laser-induced breakdown spectroscopy: a new and powerful technique for pollutant diagnostics</title>. , 1996, 2772, 286.		0
241	An analytic model of coupling of intense ion beams with spherical plasma target. <i>Laser and Particle Beams</i> , 2000, 18, 21-24.	0.4	0
242	LIBS analysis of lichens as bioindicators of environmental pollution. , 2002, , ThE13.		0
243	New spectral detectors for LIBS. , 0, , 556-584.		0
244	Civilian and military environmental contamination studies using LIBS. , 0, , 368-399.		0
245	Fast Quantitative Analysis Of Museum Objects Using Laser-Induced Breakdown Spectroscopy And Multiple Regression Algorithms. , 2009, , .		0
246	Reply to Ira Rabin's Comment on our paper Rasmussen etÂal. (2012). <i>Journal of Archaeological Science</i> , 2014, 43, 155-158.	1.2	0
247	Multispectral imaging to reveal ancient hieroglyphic text in an Egyptian Stele. , 2020, , .		0
248	The Source Materials for Lime Production in the Monte Pisano Area (NW Tuscany, Italy). <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 609, 012078.	0.2	0
249	Comment on: "Slope ratio calibration for analysis of plant leaves by laser-induced breakdown spectroscopy" by Lidiane C. Nunes, Fabio R. P. Rocha and Francisco J. Krug, <i>JAAS</i>, 2019, 34, 2314. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1482-1483.	1.6	0