Xuan Wang

List of Publications by Year
in descending order

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156	4,698	87888	118850
papers	citations	38 h-index	62 g-index

159	159	159	3913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Bayesian parametric approach to the retrieval of the atmospheric number size distribution from lidar data. Atmospheric Measurement Techniques, 2022, 15, 149-164.	3.1	8
2	Built-Up Area Change Detection Using Multi-Task Network with Object-Level Refinement. Remote Sensing, 2022, 14, 957.	4.0	7
3	Polarization Raman lidar for atmospheric correction during remote sensing satellite calibration: instrument and test measurements. Optics Express, 2022, 30, 11986.	3.4	7
4	Mutiparametric Characterization of Atmospheric Particulate in a Heavy-Polluted Area of South Italy. Atmospheric and Climate Sciences, 2022, 12, 493-516.	0.3	0
5	Roof Plane Segmentation From LiDAR Point Cloud Data Using Region Expansion Based L ₀ Gradient Minimization and Graph Cut. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 10101-10116.	4.9	7
6	Parameter optimization of a visibility LiDAR for sea-fog early warnings. Optics Express, 2020, 28, 23829.	3.4	17
7	Synergetic Observations by Ground-Based and Space Lidar Systems and Aeronet Sun-Radiometers: A Step to Advanced Regional Monitoring of Large Scale Aerosol Changes. EPJ Web of Conferences, 2020, 237, 02035.	0.3	1
8	Lidar techniques for a SNSPD-based measurement. Journal of Physics: Conference Series, 2019, 1182, 012014.	0.4	12
9	Development of a High Spectral Resolution Lidar for day-time measurements of aerosol extinction. EPJ Web of Conferences, 2019, 197, 02009.	0.3	0
10	Optimization of the lidar optical design for measurement of the aerosol extinction vertical profile. EPJ Web of Conferences, 2019, 197, 02006.	0.3	1
11	Comparison and Analysis of Aerosol Lidar Network in Mega City of Beijing Using Real Lidar. , 2019, , .		4
12	The unprecedented 2017â€“2018 stratospheric smoke event: decay phase and aerosol properties observed with the EARLINET. Atmospheric Chemistry and Physics, 2019, 19, 15183-15198.	4.9	83
13	Aerosol Lidar Intercomparison in the Framework of the MEMO Project. 1. Lidar Self Calibration and 1 st Comparison Observation Calibration Based on Statistical Analysis Method. , 2019, , .		4
14	First Volcanic Plume Measurements by an Elastic/Raman Lidar Close to the Etna Summit Craters. Frontiers in Earth Science, 2018, 6, .	1.8	9
15	Dual-wavelength dispersion characterization of confocal Fabryâ€“Perot interferometers. Applied Optics, 2018, 57, 2361.	1.8	0
16	Spatio-temporal monitoring by ground-based and air- and space-borne lidars of a moderate Saharan dust event affecting southern Europe in June 2013 in the framework of the ADRIMED/ChArMEx campaign. Air Quality, Atmosphere and Health, 2017, 10, 261-285.	3.3	10
17	EARLINET instrument intercomparison campaigns: overview on strategy and results. Atmospheric Measurement Techniques, 2016, 9, 1001-1023.	3.1	58
18	Urban Aerosol Optical Properties Measurement by Elastic Counter-Look Lidar. EPJ Web of Conferences, 2016, 119, 23029.	0.3	0

#	Article	IF	Citations
19	Aerosol Layering Characterization Near the Gobi Desert by a Double Polarization Lidar System. EPJ Web of Conferences, 2016, 119, 23032.	0.3	0
20	Lidar-Radiometer Inversion Code (LIRIC) for the retrieval of vertical aerosol properties from combined lidar/radiometer data: development and distribution in EARLINET. Atmospheric Measurement Techniques, 2016, 9, 1181-1205.	3.1	92
21	Expectation maximization and the retrieval of the atmospheric extinction coefficients by inversion of Raman lidar data. Optics Express, 2016, 24, 21497.	3.4	11
22	Effects of oxygen background pressure on the stoichiometry of a LaGaO3 laser ablation plume investigated by time and spectrally resolved two-dimensional imaging. Journal of Applied Physics, 2016, 119, .	2.5	16
23	Accurate calibration of a molecular beam timeâ€ofâ€flight mass spectrometer for onâ€line analysis of high molecular weight species. Rapid Communications in Mass Spectrometry, 2016, 30, 2183-2190.	1.5	0
24	Analysis of the influence of system parameters on the measurement accuracy of a high spectral resolution lidar. Proceedings of SPIE, 2016, , .	0.8	0
25	CALIPSO climatological products: evaluation and suggestions from EARLINET. Atmospheric Chemistry and Physics, 2016, 16, 2341-2357.	4.9	73
26	EARLINET: 12-year of Aerosol Profiling over Europe. EPJ Web of Conferences, 2016, 119, 19002.	0.3	1
27	Fs-laser processing of medical grade polydimethylsiloxane (PDMS). Applied Surface Science, 2016, 374, 229-234.	6.1	26
28	Volcanic ash concentration during the 12 August 2011 Etna eruption. Geophysical Research Letters, 2015, 42, 2634-2641.	4.0	34
29	Calibration of Multi-wavelength Raman Polarization Lidar. EPJ Web of Conferences, 2015, 89, 01002.	0.3	8
30	Geochemical and Srâ€“Nd isotopic variations in a deep-sea sediment core from Eastern Indian Ocean: Constraints on dust provenances, paleoclimate and volcanic eruption history in the last 300,000years. Marine Geology, 2015, 367, 38-49.	2.1	4
31	The relevant research on AOD and concentration of PM2.5pollutant. , 2015, , .		0
32	fs- and ns-laser processing of polydimethylsiloxane (PDMS) elastomer: Comparative study. Applied Surface Science, 2015, 336, 321-328.	6.1	43
33	Laser ablation and deposition of titanium dioxide with ultrashort pulses at 527Ânm. Applied Physics B: Lasers and Optics, 2015, 119, 445-452.	2.2	10
34	Insights on Clusters Formation Mechanism by Time of Flight Mass Spectrometry. 1. The Case of Ethanolâ€“Water Clusters. Journal of the American Society for Mass Spectrometry, 2015, 26, 1665-1675.	2.8	9
35	Hydrogen-evolving photoanode of TiO 2 nanoparticles film deposited by a femtosecond laser. International Journal of Hydrogen Energy, 2015, 40, 779-785.	7.1	4
36	Direct femtosecond laser ablation of copper with an optical vortex beam. Journal of Applied Physics, 2014, 116, .	2.5	29

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37	Multiphoton ionization of large water clusters. Journal of Chemical Physics, 2014, 140, 204313.	3.0	8
38	Fs-laser processing of polydimethylsiloxane. Journal of Applied Physics, 2014, 116, 023104.	2.5	11
39	Femtosecond laser deposition of TiO2 nanoparticle-assembled films with embedded CdS nanoparticles. Optoelectronics Letters, 2014, 10, 43-46.	0.8	3
40	Two-dimensional imaging of atomic and nanoparticle components in copper plasma plume produced by ultrafast laser ablation. Applied Physics A: Materials Science and Processing, 2014, 117, 313-318.	2.3	19
41	Dynamics of femtosecond laser-produced plasma ions. Applied Physics A: Materials Science and Processing, 2014, 117, 111-115.	2.3	10
42	Ultrashort-pulse laser ablation of gold thin film targets: Theory and experiment. Thin Solid Films, 2014, 550, 190-198.	1.8	24
43	Spectrally Resolved Imaging of Ultrashort Laser Produced Plasma. IEEE Transactions on Plasma Science, 2014, 42, 2698-2699.	1.3	7
44	Femtosecond laser surface structuring of silicon using optical vortex beams generated by a q-plate. Applied Physics Letters, 2014, 104, .	3.3	58
45	Fast ion generation in femtosecond laser ablation of a metallic target at moderate laser intensity. Laser Physics, 2014, 24, 105902.	1.2	20
46	Noble metallic nanostructures: preparation, properties, applications. Journal of Physics: Conference Series, 2014, 514, 012024.	0.4	8
47	Influence of film thickness on topology and related magnetic interactions in Fe nanoparticle films. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	2
48	Structural characterization of nanoparticles-assembled titanium dioxide films produced by ultrafast laser ablation and deposition in background oxygen. Applied Surface Science, 2013, 270, 307-311.	6.1	15
49	Fluorescence anisotropy in a diffusion flame to shed light in the â€œdark regionâ€• Proceedings of the Combustion Institute, 2013, 34, 1845-1852.	3.9	7
50	Fast Fourier Transform and autocorrelation function for the analysis of complex mass spectra. International Journal of Mass Spectrometry, 2013, 338, 30-38.	1.5	29
51	Controlling the conductivity of amorphous LaAlO3/SrTiO3 interfaces by in-situ application of an electric field during fabrication. Applied Physics Letters, 2013, 103, 031607.	3.3	12
52	Four-dimensional distribution of the 2010 EyjafjallajÃ¶kull volcanic cloud over Europe observed by EARLINET. Atmospheric Chemistry and Physics, 2013, 13, 4429-4450.	4.9	95
53	Ion dynamics in ultrafast laser ablation of copper target. Chinese Optics Letters, 2013, 11, 093201-93205.	2.9	2
54	LASER REMOTE SENSING FOR ENVIRONMENTAL APPLICATIONS. , 2013, , 175-205.		2

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55	Plasma plume effects on the conductivity of amorphous-LaAlO3/SrTiO3 interfaces grown by pulsed laser deposition in O2 and Ar. Applied Physics Letters, 2012, 100, .	3.3	52
56	Critical influence of target-to-substrate distance on conductive properties of LaGaO3/SrTiO3 interfaces deposited at 10â^'1 mbar oxygen pressure. Applied Physics Letters, 2012, 101, 031602.	3.3	23
57	Monitoring Etna volcanic plumes using a scanning LiDAR. Bulletin of Volcanology, 2012, 74, 2383-2395.	3.0	32
58	Lidar depolarization measurement of fresh volcanic ash from Mt. Etna, Italy. Atmospheric Environment, 2012, 62, 34-40.	4.1	30
59	Oxygen background gas influence on pulsed laser deposition process of LaAlO3 and LaGaO3. Applied Surface Science, 2012, 258, 9116-9122.	6.1	25
60	Effects of substrate temperature on nanoparticle-assembled Fe films produced by ultrafast pulsed laser deposition. Applied Surface Science, 2012, 258, 9337-9341.	6.1	3
61	Pulsed laser ablation of complex oxides: The role of congruent ablation and preferential scattering for the film stoichiometry. Applied Physics Letters, 2012, 101, .	3.3	105
62	Ultrafast Laser Ablation and Deposition of Wide Band Gap Semiconductors. Journal of Physical Chemistry C, 2011, 115, 3203-3211.	3.1	37
63	Characterization of Saharan dust layers over Naples (Italy) during 2000â€“2003 EARLINET project. Atmospheric Research, 2011, 102, 286-299.	4.1	11
64	Retrieval of aerosol extinction-to-backscatter ratios by combining ground-based and space-borne lidar elastic scattering measurements. Optics Express, 2011, 19, A72.	3.4	7
65	Ultrafast laser ablation of gold thin film targets. Journal of Applied Physics, 2011, 110, 124303.	2.5	19
66	Two-wavelength lidar inversion algorithm for determination of aerosol extinction-to-backscatter ratio and its application to CALIPSO lidar measurements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 320-328.	2.3	10
67	Effect of deposition temperature on morphology and magnetic properties of Co50Fe50 thin films produced by femtosecond pulsed laser deposition. Thin Solid Films, 2011, 519, 6420-6425.	1.8	1
68	Angular distributions of plume components in ultrafast laser ablation of metal targets. Applied Physics A: Materials Science and Processing, 2010, 100, 569-574.	2.3	29
69	Ultra-fast laser ablation and deposition of TiO2. Applied Physics A: Materials Science and Processing, 2010, 101, 639-644.	2.3	25
70	Elastomagnetic and Elastoresistive Effects in CoFe Films Produced by Femtosecond Pulsed Laser Deposition. IEEE Transactions on Magnetics, 2010, 46, 479-482.	2.1	1
71	EARLINET observations of the EyjafjallajÃƒÂƒÃ‚Â¶kull ash plume over Europe. , 2010, , .		9
72	Optimization of La0.7Ba0.3MnO3â^'Î´ complex oxide laser ablation conditions by plume imaging and optical emission spectroscopy. Journal of Applied Physics, 2010, 108, 043302.	2.5	38

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73	EARLINET correlative measurements for CALIPSO: First intercomparison results. Journal of Geophysical Research, 2010, 115, .	3.3	148
74	Dynamics of the plumes produced by ultrafast laser ablation of metals. Journal of Applied Physics, 2010, 108, .	2.5	63
75	Multidiagnostic analysis of ultrafast laser ablation of metals with pulse pair irradiation. Journal of Applied Physics, 2010, 108, .	2.5	28
76	Double pulse ultrafast laser ablation of nickel in vacuum. Journal of Applied Physics, 2009, 106, .	2.5	62
77	Temporally and spectrally resolved analysis of a copper plasma plume produced by ultrafast laser ablation. Applied Surface Science, 2009, 255, 5211-5214.	6.1	29
78	Atmospheric Aerosol Characterization Over Naples During 2000â€“2003 EARLINET Project: Planetary Boundary-Layer Evolution and Layering. Boundary-Layer Meteorology, 2009, 132, 151-165.	2.3	19
79	Ultrafast pulsed laser deposition as a method for the synthesis of innovative magnetic films. Applied Surface Science, 2009, 255, 5224-5227.	6.1	16
80	Generation and application of high energy, 30 fs pulses at 527 nm by hollow-fiber compression technique. European Physical Journal: Special Topics, 2009, 175, 11-14.	2.6	2
81	Plume composition control in double pulse ultrafast laser ablation of metals. Applied Physics Letters, 2009, 95, .	3.3	42
82	The spatial detection on distribution of metal nano-particles during femtosecond laser ablation. , 2009, , .		1
83	Volcanic dust characterization by EARLINET during Etna's eruptions in 2001â€“2002. Atmospheric Environment, 2008, 42, 893-905.	4.1	52
84	Propagation of a femtosecond pulsed laser ablation plume into a background atmosphere. Applied Physics Letters, 2008, 92, .	3.3	73
85	Generation of high energy, 30 fs pulses at 527 nm by hollow-fiber compression technique. Optics Express, 2008, 16, 3527.	3.4	13
86	Ultrafast laser ablation of metals with a pair of collinear laser pulses. Applied Physics Letters, 2008, 93, 191504.	3.3	16
87	Plume propagation dynamics of complex oxides in oxygen. Journal of Applied Physics, 2008, 104, 053304.	2.5	50
88	Laser-induced modification of the size distribution of nanoparticles produced during ultrashort laser ablation of solid targets in vacuum. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 1253-1258.	1.5	24
89	An analysis of the dependence on photon energy of the process of nanoparticle generation by femtosecond laser ablation in a vacuum. Nanotechnology, 2007, 18, 145612.	2.6	21
90	<title>Ultrashort laser ablation of metals</title>. , 2007, , .		0

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91	CALIPSO correlative measurements at Napoli EARLINET station. Proceedings of SPIE, 2007, , .	0.8	0
92	Atmospheric aerosol characterization during Saharan dust outbreaks at Naples EARLINET station. Proceedings of SPIE, 2007, , .	0.8	0
93	Water vapour mixing ratio distribution in the area of Naples by Raman lidar measurements and a high resolution model. Proceedings of SPIE, 2007, , .	0.8	0
94	EARLINET correlative measurements for CALIPSO. , 2007, , .		9
95	Substrate heating influence on plume propagation during pulsed laser deposition of complex oxides. Applied Physics Letters, 2007, 91, .	3.3	52
96	Hollow-fiber compression of visible, 200 fs laser pulses to 40 fs pulse duration. Optics Letters, 2007, 32, 1866.	3.3	9
97	Retrieval of atmospheric particles optical properties by combining ground-based and spaceborne lidar elastic scattering profiles. Optics Express, 2007, 15, 6734.	3.4	18
98	Femtosecond laser ablation of nickel in vacuum. Journal Physics D: Applied Physics, 2007, 40, 331-340.	2.8	140
99	Plume expansion dynamics during laser ablation of manganates in oxygen atmosphere. Applied Surface Science, 2007, 253, 7696-7701.	6.1	27
100	Laser ablation of metals by femtosecond pulses: Theoretical and experimental study. Applied Surface Science, 2007, 253, 7761-7766.	6.1	51
101	Nanoparticles size modifications during femtosecond laser ablation of nickel in vacuum. Applied Surface Science, 2007, 254, 1012-1016.	6.1	28
102	A mass spectrometric study of gasoline anti-knocking additives. International Journal of Mass Spectrometry, 2007, 262, 105-113.	1.5	6
103	Characterization of the variability of the humidity and cloud fields as observed from a cluster of ground-based lidar systems. Quarterly Journal of the Royal Meteorological Society, 2007, 133, 257-271.	2.7	20
104	Features of plasma plume evolution and material removal efficiency during femtosecond laser ablation of nickel in high vacuum. Applied Physics A: Materials Science and Processing, 2007, 89, 1017-1024.	2.3	59
105	Substrate heating effects on the propagation dynamics of laser produced plume during pulsed laser deposition of oxides. Applied Surface Science, 2007, 254, 790-793.	6.1	9
106	Magnetic/non-magnetic nanoparticles films with peculiar properties produced by ultrashort pulsed laser deposition. Applied Surface Science, 2007, 254, 1053-1057.	6.1	5
107	Synthesis of nanocrystal films via femtosecond laser ablation in vacuum. Journal of Physics Condensed Matter, 2006, 18, L49-L53.	1.8	30
108	Propagation of LaMnO3 laser ablation plume in oxygen gas. Applied Surface Science, 2006, 252, 4712-4716.	6.1	36

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109	Characterization of laser ablation of solid targets with near-infrared laser pulses of 100fs and 1ps duration. Applied Surface Science, 2006, 252, 4863-4870.	6.1	52
110	Propagation dynamics of a LaMnO3 laser ablation plume in an oxygen atmosphere. Journal of Applied Physics, 2006, 100, 013302.	2.5	70
111	The Italian phase of the EAQUATE measurement campaign. , 2005, , .		2
112	The emission of atoms and nanoparticles during femtosecond laser ablation of gold. Applied Surface Science, 2005, 248, 163-166.	6.1	23
113	Ion kinetic energy distributions and cross sections for the electron impact ionization of ethyl tert-butyl ether. Chemical Physics Letters, 2005, 415, 351-356.	2.6	3
114	A correlated study of laser produced plume expansion dynamics and thin film growth of manganates. Applied Surface Science, 2005, 247, 64-70.	6.1	9
115	Synthesis of nickel nanoparticles and nanoparticles magnetic films by femtosecond laser ablation in vacuum. Applied Surface Science, 2005, 247, 71-75.	6.1	42
116	Characterization of LaMnO3 laser ablation in oxygen by ion probe and optical emission spectroscopy. Applied Surface Science, 2005, 248, 45-49.	6.1	25
117	Femtosecond laser pulse irradiation of solid targets as a general route to nanoparticle formation in a vacuum. Physical Review B, 2005, 71, .	3.2	263
118	Infrared femtosecond laser ablation of graphite in high vacuum probed by optical emission spectroscopy. Applied Physics A: Materials Science and Processing, 2005, 81, 981-986.	2.3	29
119	An algorithm to determine cirrus properties from analysis of multiple-scattering influence on lidar signals. Applied Physics B: Lasers and Optics, 2005, 80, 609-615.	2.2	20
120	Ultrashort laser ablation of solid matter in vacuum: a comparison between the picosecond and femtosecond regimes. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, L329-L338.	1.5	74
121	Diagnostics of laser ablated plasma plumes. Thin Solid Films, 2004, 453-454, 562-572.	1.8	66
122	Measurement of the Î¼ decay spectrum with the ICARUS liquid Argon TPC. European Physical Journal C, 2004, 33, 233-241.	3.9	50
123	Generation of silicon nanoparticles via femtosecond laser ablation in vacuum. Applied Physics Letters, 2004, 84, 4502-4504.	3.3	197
124	Study of the plasma plume generated during near IR femtosecond laser irradiation of silicon targets. Applied Physics A: Materials Science and Processing, 2004, 79, 1377-1380.	2.3	14
125	Study of electron recombination in liquid argon with the ICARUS TPC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 523, 275-286.	1.6	87
126	Dissociative electron impact ionization of methyl tert-butyl ether: total ionization cross-section and kinetic energy distributions. Chemical Physics Letters, 2004, 400, 191-195.	2.6	8

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127	Vertical aerosol distribution over Europe: Statistical analysis of Raman lidar data from 10 European Aerosol Research Lidar Network (EARLINET) stations. Journal of Geophysical Research, 2004, 109, .	3.3	151
128	Emission of nanoparticles during ultrashort laser irradiation of silicon targets. Europhysics Letters, 2004, 67, 404-410.	2.0	42
129	Aerosol lidar intercomparison in the framework of the EARLINET project 1 Instruments. Applied Optics, 2004, 43, 961.	2.1	167
130	Aerosol lidar intercomparison in the framework of the EARLINET project 1 Instruments: erratum. Applied Optics, 2004, 43, 2578.	2.1	12
131	Aerosol lidar intercomparison in the framework of the EARLINET project 3 Raman lidar algorithm for aerosol extinction, backscatter, and lidar ratio. Applied Optics, 2004, 43, 5370.	2.1	208
132	Characterization of atmospheric aerosol in the urban area of Napoli in the framework of EARLINET Project. , 2004, 5235, 643.		3
133	Evaluation of multiple-scattering influence on lidar measurement by itinerative Monte Carlo method. , 2004, , .		0
134	Pulsed laser ablation of borocarbide targets probed by time-of-flight mass spectrometry. Optics and Lasers in Engineering, 2003, 39, 179-190.	3.8	12
135	Pressure effects during excimer laser ablation of magnesium diboride targets. Applied Surface Science, 2003, 208-209, 39-44.	6.1	3
136	Dynamics of laser-ablatedMgB2plasma expanding in argon probed by optical emission spectroscopy. Physical Review B, 2003, 67, .	3.2	72
137	Growth methods ofc-axis oriented MgB2thin films by pulsed laser deposition. Superconductor Science and Technology, 2003, 16, 241-245.	3.5	37
138	Optical emission investigation of laser-produced MgB2 plume expanding in an Ar buffer gas. Applied Physics Letters, 2002, 80, 4315-4317.	3.3	22
139	Analysis of charged fragments emitted during excimer laser ablation of YNi2B2C borocarbide targets by time-of-flight mass spectrometry. Applied Surface Science, 2002, 186, 303-308.	6.1	8
140	Double-peak distribution of electron and ion emission profile during femtosecond laser ablation of metals. Applied Surface Science, 2002, 186, 358-363.	6.1	67
141	Development of a tunable IR lidar system. Optics and Lasers in Engineering, 2002, 37, 521-532.	3.8	8
142	Optical spectroscopy diagnostics and thin film deposition of laser ablated rare earthâ€“Ni2B2C plasma plumes. Chemical Physics Letters, 2002, 353, 1-6.	2.6	10
143	<title>Excimer laser ablation of borocarbide targets</title>. , 2000, , .		0
144	<title>Prompt electron emission characterization in UV laser ablation of metallic targets</title>. , 2000, 4070, 246.		0

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145	Charged species analysis in YNi2B2C laser ablation by time-of-flight mass spectrometry. Applied Surface Science, 2000, 168, 100-103.	6.1	9
146	Response to â€œComment on â€˜Emission of prompt electrons during excimer laser ablation of aluminum targetsâ€™â€Šâ€Šâ€•[Appl. Phys. Lett. 76, 248 (2000)]. Applied Physics Letters, 2000, 76, 249-250.	3.3	4
147	Thermal and nonthermal ion emission during high-fluence femtosecond laser ablation of metallic targets. Applied Physics Letters, 2000, 77, 3728-3730.	3.3	61
148	XeF excimer laser ablation of metallic targets probed by energy-selective time-of-flight mass spectrometry. Applied Surface Science, 1999, 138-139, 250-255.	6.1	11
149	Characterization of fast electron emission in UV laser ablation of metallic targets. Applied Physics A: Materials Science and Processing, 1999, 69, S483.	2.3	9
150	Emission of prompt electrons during excimer laser ablation of aluminum targets. Applied Physics Letters, 1999, 75, 7-9.	3.3	53
151	A record of fire, vegetation and climate through the last three glacial cycles from Lombok Ridge core G6-4, eastern Indian Ocean, Indonesia. Palaeogeography, Palaeoclimatology, Palaeoecology, 1999, 147, 241-256.	2.3	104
152	Kinetic energy distribution of ions in the laser ablation of copper targets. Applied Surface Science, 1998, 127-129, 953-958.	6.1	31
153	High fluence visible and ultraviolet laser ablation of metallic targets. Applied Surface Science, 1998, 127-129, 1017-1022.	6.1	16
154	Self-aligning lidar for the continuous monitoring of the atmosphere. Applied Optics, 1998, 37, 4758.	2.1	7
155	Tunable lidar system based on IR OPA laser source. , 1998, , .		0
156	Self-aligning lidar system and its application. , 1998, , .		0