

Luca Poletto

List of Publications by Year in descending order

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276
papers

10,044
citations

53794

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38395

95
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279
all docs

279
docs citations

279
times ranked

6322
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon K-edge x-ray emission spectroscopy of gas phase ethylenic molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 044001.	1.5	5
2	Unravelling the intertwined atomic and bulk nature of localised excitons by attosecond spectroscopy. Nature Communications, 2021, 12, 1021.	12.8	32
3	Impurity band assisted carrier relaxation in Cr doped topological insulator Bi ₂ Se ₃ . Applied Physics Letters, 2021, 118, .	3.3	3
4	High sensitivity static Fourier transform spectrometer. Optics Express, 2021, 29, 15906.	3.4	5
5	Real-time observation of a correlation-driven sub 3â€‰%fs charge migration in ionised adenine. Communications Chemistry, 2021, 4, .	4.5	38
6	Double-Foci Beamline for Attosecond Transient Reflection Spectroscopy. , 2021, , .		0
7	A multipurpose end-station for atomic, molecular and optical sciences and coherent diffractive imaging at ELI beamlines. European Physical Journal: Special Topics, 2021, 230, 4183-4194.	2.6	13
8	Angstrom-Resolved Interfacial Structure in Buried Organic-Inorganic Junctions. Physical Review Letters, 2021, 127, 096801.	7.8	14
9	Super-Earths, M Dwarfs, and Photosynthetic Organisms: Habitability in the Lab. Life, 2021, 11, 10.	2.4	20
10	Ultrafast photoelectron spectroscopy of photoexcited aqueous ferrioxalate. Physical Chemistry Chemical Physics, 2021, 23, 25308-25316.	2.8	8
11	Light-Induced Renormalization of the Dirac Quasiparticles in the Nodal-Line Semimetal ZrSiSe. Physical Review Letters, 2020, 125, 076401.	7.8	26
12	Evidence of Large Polarons in Photoemission Band Mapping of the Perovskite Semiconductor <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CsPbBr</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></math> Physical Review Letters, 2020, 124, 206402.	7.8	74
13	Novel beamline for attosecond transient reflection spectroscopy in a sequential two-foci geometry. Review of Scientific Instruments, 2020, 91, 053002.	1.3	17
14	Attosecond pulse generation at ELI-ALPS 100 kHz repetition rate beamline. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 154004.	1.5	21
15	High-order harmonic generation in a microfluidic glass device. JPhys Photonics, 2020, 2, 024005.	4.6	20
16	Optical design of the multi-wavelength imaging coronagraph Metis for the solar orbiter mission. Experimental Astronomy, 2020, 49, 239-263.	3.7	30
17	A New Remote Sensing-Based System for the Monitoring and Analysis of Growth and Gas Exchange Rates of Photosynthetic Microorganisms Under Simulated Non-Terrestrial Conditions. Frontiers in Plant Science, 2020, 11, 182.	3.6	6
18	Coherent narrowband light source for ultrafast photoelectron spectroscopy in the 17â€‰31 eV photon energy range. Structural Dynamics, 2020, 7, 014303.	2.3	24

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19	Metis: the Solar Orbiter visible light and ultraviolet coronal imager. <i>Astronomy and Astrophysics</i> , 2020, 642, A10.	5.1	115
20	Characterization of the high harmonics source for the VUV ellipsometer at ELI Beamlines. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2020, 38, 024005.	1.2	11
21	User-Oriented High-Harmonic Source at ELI Beamlines. <i>Springer Proceedings in Physics</i> , 2020, , 93-98.	0.2	0
22	XUV Reflection and Ellipsometry Experiments at ELI Beamlines. , 2020, , .		0
23	Few-femtosecond dynamics of CO ₂ super-excited states. , 2020, , .		0
24	A High Resolution XUV Grating Monochromator for the Spectral Selection of Ultrashort Harmonic Pulses. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2502.	2.5	5
25	A beamline for attosecond UV pump - XUV probe experiments. <i>EPJ Web of Conferences</i> , 2019, 205, 02017.	0.3	0
26	Ultrafast mapping of relaxation dynamics of ethylene cation. <i>EPJ Web of Conferences</i> , 2019, 205, 06002.	0.3	0
27	Ultra-Fast-VUV Photoemission Study of UV Excited 2-Nitrophenol. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1295-1302.	2.5	14
28	Double-blind holography of attosecond pulses. <i>Nature Photonics</i> , 2019, 13, 91-95.	31.4	16
29	Observation of short-lived laser-dressed quantum states in the frequency plane. <i>Physical Review A</i> , 2019, 99, .	2.5	3
30	Spin-ARPES EUV Beamline for Ultrafast Materials Research and Development. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 370.	2.5	12
31	High-resolution mass spectrometry and velocity map imaging for ultrafast electron dynamics in complex biomolecules. <i>EPJ Web of Conferences</i> , 2019, 205, 03007.	0.3	0
32	Coherent soft X-ray pulses from an echo-enabled harmonic generation free-electron laser. <i>Nature Photonics</i> , 2019, 13, 555-561.	31.4	92
33	Photocarrier-induced band-gap renormalization and ultrafast charge dynamics in black phosphorus. <i>2D Materials</i> , 2019, 6, 031001.	4.4	28
34	Design and realization of a XUV plane-grating monochromator at variable included angle. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
35	1.9 fs Deep-UV Pulses from Third-Harmonic Generation in Argon. , 2019, , .		0
36	Observation of Ultrafast Dynamics in CO ₂ Highly Excited States. , 2019, , .		0

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37	Ultrafast Relaxation Processes in Ethylene Cation Investigated by Sub-15-fs Extreme-Ultraviolet Pulses. , 2019, , .		0
38	High-flux source of coherent XUV pulses for user applications. Optics Express, 2019, 27, 8871.	3.4	36
39	Generation of deep ultraviolet sub-2-fs pulses. Optics Letters, 2019, 44, 1308.	3.3	47
40	Wavefront-propagation simulations supporting the design of a time-delay compensating monochromator beamline at FLASH2. Journal of Synchrotron Radiation, 2019, 26, 899-905.	2.4	2
41	Transition metal coatings for reflection polarimeters in the 50-100 eV region. , 2019, , .		0
42	Development and validation of a multi gas optical sensor for the meat industry. , 2019, , .		0
43	Comparison between classical and off-plane diffraction efficiency for the soft x-ray region. , 2019, , .		1
44	Soft X-Ray Second Harmonic Generation as an Interfacial Probe. Physical Review Letters, 2018, 120, 023901.	7.8	64
45	Attosecond electronic recollision as field detector. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 104004.	1.5	1
46	Attosecond streaking metrology with isolated nanotargets. Journal of Optics (United Kingdom), 2018, 20, 024002.	2.2	11
47	Two-photon absorption of soft X-ray free electron laser radiation by graphite near the carbon K-absorption edge. Chemical Physics Letters, 2018, 703, 112-116.	2.6	9
48	Design and evaluation of an in-line system for gas sensing in flow-packed products. Food Packaging and Shelf Life, 2018, 17, 91-98.	7.5	4
49	Determination of CO ₂ Content in the Headspace of Spoiled Yogurt Packages. Journal of Food Quality, 2018, 2018, 1-6.	2.6	9
50	Few-femtosecond extreme-ultraviolet pulses fully reconstructed by a ptychographic technique. Optics Express, 2018, 26, 6771.	3.4	23
51	Cost-effective plane-grating monochromator design for extreme-ultraviolet application. Applied Optics, 2018, 57, 1202.	1.8	4
52	Attosecond Pump-Probe Spectroscopy of Charge Dynamics in Tryptophan. Journal of Physical Chemistry Letters, 2018, 9, 4570-4577.	4.6	74
53	Generation of Few-Cycle UV pulses Synchronized with Attosecond XUV Pulses. , 2018, , .		1
54	Temporal Response of Ultrafast Grating Monochromators. Applied Sciences (Switzerland), 2018, 8, 5.	2.5	11

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55	Double-grating monochromatic beamline with ultrafast response for FLASH2 at DESY. Journal of Synchrotron Radiation, 2018, 25, 131-137.	2.4	7
56	Performance evaluation of a TDLAS system for carbon dioxide isotopic ratio measurement in human breath. , 2018, , .		2
57	Attosecond spatial interferometry for complete three-dimensional electric field reconstruction. , 2018, , .		0
58	A Novel High Order Harmonic Source for Time- and Angle-Resolved Photoemission Experiments. , 2018, , .		1
59	Single-shot diffractive imaging of individual helium nanodroplets with intense multicolor XUV pulses. , 2018, , .		0
60	Grating configurations to compress free-electron laser pulses. Journal of Synchrotron Radiation, 2018, 25, 52-58.	2.4	3
61	Control software for the Multi-Channel Led starlight simulator. , 2018, , .		3
62	Design and realization of a grazing-incidence plane-grating monochromator. , 2018, , .		0
63	A Modular Approach of Different Geometries for Non-invasive Oxygen Measurement inside Moving Food Packages. Packaging Technology and Science, 2017, 30, 159-170.	2.8	5
64	Tunable orbital angular momentum in high-harmonic generation. Nature Communications, 2017, 8, 14971.	12.8	145
65	The ELI-ALPS facility: the next generation of attosecond sources. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 132002.	1.5	128
66	Attosecond chronoscopy of electron scattering in dielectric nanoparticles. Nature Physics, 2017, 13, 766-770.	16.7	74
67	Vectorial optical field reconstruction by attosecond spatial interferometry. Nature Photonics, 2017, 11, 383-389.	31.4	34
68	Coherent diffractive imaging of single helium nanodroplets with a high harmonic generation source. Nature Communications, 2017, 8, 493.	12.8	71
69	Grating monochromator with ultrafast response for FLASH2 at DESY. , 2017, , .		2
70	Design of compressors for FEL pulses using deformable gratings. , 2017, , .		0
71	Design Study of Time-Preserving Grating Monochromators for Ultrashort Pulses in the Extreme-Ultraviolet and Soft X-Rays. Photonics, 2017, 4, 14.	2.0	9
72	Internal checkup illumination sources for METIS coronagraph on solar orbiter. , 2017, , .		1

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73	METIS: the visible and UV coronagraph for solar orbiter. , 2017, , .		8
74	METIS, the Multi Element Telescope for Imaging and Spectroscopy: an instrument proposed for the solar orbiter mission. , 2017, , .		6
75	Preliminary error budget analysis of the coronagraphic instrument metis for the solar orbiter ESA mission. , 2017, , .		3
76	Tunable Diode Laser Absorption Spectroscopy applied to gas sensing for agro-food and medical processes. , 2017, , .		0
77	Soft x-ray grating compressors for free-electron-laser pulses. , 2017, , .		0
78	Spectrograph for solar imaging in the XUV domain. , 2017, , .		0
79	Design of a grazing incidence EUV imaging spectrometer for the solar orbiter ESA mission. , 2017, , .		0
80	Grazing-incidence grating compressor for applications to free-electron-lasers. AIP Conference Proceedings, 2016, , .	0.4	0
81	Harmonium: A pulse preserving source of monochromatic extreme ultraviolet (30â€“110â€“eV) radiation for ultrafast photoelectron spectroscopy of liquids. Structural Dynamics, 2016, 3, 023602.	2.3	47
82	Chirped pulse amplification in an extreme-ultraviolet free-electron laser. Nature Communications, 2016, 7, 13688.	12.8	43
83	Adaptive multi-wavelength LED star simulator for space life studies. , 2016, , .		6
84	Observation of autoionization dynamics and sub-cycle quantum beating in electronic molecular wave packets. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 065102.	1.5	36
85	Laser-Assisted Photoelectric Effect from Liquids. Physical Review Letters, 2016, 117, 143001.	7.8	15
86	Validation of an in-line non-destructive headspace oxygen sensor. Food Packaging and Shelf Life, 2016, 9, 38-44.	7.5	7
87	Direct imaging of Transient Fano Resonances in N_2 Time-, Energy-, and Angular-Resolved Photoelectron Spectroscopy. Physical Review Letters, 2016, 116, 163003.	7.8	24
88	Validation and calibration of a TDLAS oxygen sensor for in-line measurement on flow-packed products. , 2016, , .		2
89	Imaging of gaseous oxygen through DFB laser illumination. Proceedings of SPIE, 2016, , .	0.8	0
90	The multielectron character of the S 2pâ†’4eg shape resonance in the SF6 molecule studied via detection of soft X-ray emission and neutral high-Rydberg fragments. Journal of Electron Spectroscopy and Related Phenomena, 2016, 209, 26-33.	1.7	5

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91	Ultrafast Charge Dynamics Induced by XUV Attosecond Pulses in Bio-relevant Molecules. , 2016, , .		0
92	Tunable Diode Laser Absorption Spectroscopy for Gas Sensing in the Agri-Food Industry. , 2016, , .		0
93	Polarization control of absorption of virtual dressed states in helium. Physical Review A, 2015, 92, .	2.5	33
94	Compression of Extreme-Ultraviolet Ultrashort Pulses by Grating Configurations. Journal of Spectroscopy, 2015, 2015, 1-9.	1.3	1
95	Laser spectroscopy for totally non-intrusive detection of oxygen in modified atmosphere food packages. Applied Physics B: Lasers and Optics, 2015, 119, 37-44.	2.2	11
96	Observation of charge migration in amino acids. , 2015, , .		0
97	Optical system for the calibration and verification of correct axis positioning in medium-big sized milling boring machines. Proceedings of SPIE, 2015, , .	0.8	0
98	Dynamics of N2 Dissociation upon Inner-Valence Ionization by Wavelength-Selected XUV Pulses. Journal of Physical Chemistry Letters, 2015, 6, 419-425.	4.6	46
99	Comb-locked cavity ring-down spectrometer. Journal of Chemical Physics, 2015, 142, 074201.	3.0	24
100	Transmittance and optical constants of Ca films in the 4â€“1000â€“eV spectral range. Applied Optics, 2015, 54, 1910.	1.8	5
101	Ultrafast Charge Dynamics in an Amino Acid Induced by Attosecond Pulses. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 1-12.	2.9	19
102	Grating-based pulse compressor for applications to FEL sources. , 2015, , .		2
103	A tunable integrated system to simulate colder stellar radiation. , 2015, , .		2
104	Photon handling on femtosecond ultrafast beamlines. , 2015, , .		0
105	Grating configurations to compress extreme-ultraviolet ultrashort pulses. Applied Optics, 2015, 54, 7985.	2.1	11
106	Sub-4-fs Charge Migration in Phenylalanine. Springer Proceedings in Physics, 2015, , 52-55.	0.2	0
107	Grating Configurations for the Spectral Selection of Coherent Ultrashort Pulses in the Extreme-Ultraviolet. Photonics, 2014, 1, 442-454.	2.0	5
108	Spectrometer for X-ray emission experiments at FERMI free-electron-laser. Review of Scientific Instruments, 2014, 85, 103112.	1.3	12

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109	High-throughput beamline for attosecond pulses based on toroidal mirrors with microfocusing capabilities. <i>Review of Scientific Instruments</i> , 2014, 85, 103115.	1.3	18
110	Microfocusing beamline for XUV-XUV pump-probe experiments using HH generation. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
111	Sub-4-fs Charge Migration in Phenylalanine. , 2014, , .		0
112	Double-configuration grating monochromator for extreme-ultraviolet ultrafast pulses. <i>Applied Optics</i> , 2014, 53, 5879.	1.8	27
113	Non-collinear high-order harmonic generation by three interfering laser beams. <i>Optics Express</i> , 2014, 22, 29778.	3.4	9
114	Testing spin-flip scattering as a possible mechanism of ultrafast demagnetization in ordered magnetic alloys. <i>Physical Review B</i> , 2014, 90, .	3.2	29
115	Ultrafast electron dynamics in phenylalanine initiated by attosecond pulses. <i>Science</i> , 2014, 346, 336-339.	12.6	615
116	CITIUS: An infrared-extreme ultraviolet light source for fundamental and applied ultrafast science. <i>Review of Scientific Instruments</i> , 2014, 85, 023104.	1.3	40
117	Time-delay-compensated grating monochromator for FEL beamlines. , 2014, , .		1
118	Spectrometer for single-shot x-ray emission and photon diagnostics. , 2014, , .		1
119	Non-invasive multitechnique methodology applied to the study of two 14th century canvases by Lorenzo Veneziano. <i>Journal of Cultural Heritage</i> , 2013, 14, e153-e160.	3.3	13
120	X-ray shape-from-silhouette for three-dimensional modelling applied to ancient metallic handworks. <i>Journal of Cultural Heritage</i> , 2013, 14, e169-e175.	3.3	1
121	Development of active gratings for the spectral selection of ultrafast pulses. , 2013, , .		0
122	Optical device for the improvement of positioning accuracy in large machine tools. , 2013, , .		1
123	Instrument for single-shot X-Ray emission-spectroscopy experiments. , 2013, , .		0
124	Micro-focusing of soft X-ray pulses by grazing-incidence toroidal mirrors. , 2013, , .		0
125	Active-grating monochromator for the spectral selection of ultrashort pulses. <i>Optics Express</i> , 2013, 21, 12996.	3.4	5
126	Micro-focusing of attosecond pulses by grazing-incidence toroidal mirrors. <i>Optics Express</i> , 2013, 21, 13040.	3.4	21

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127	Grazing-incidence spectrometer for soft X-ray solar imaging spectroscopy. Optics Express, 2013, 21, 18290.	3.4	4
128	Possible observation of parametrically amplified coherent phasons in K_2MoO_3 using time-resolved extreme-ultraviolet angle-resolved photoemission spectroscopy. Physical Review B, 2013, 88, .	3.2	32
129	Micro-focusing of XUV attosecond pulses by grazing-incidence toroidal mirrors. , 2013, , .		0
130	Monochromatic extreme-ultraviolet ultrafast beamline. , 2013, , .		0
131	Ultrafast dynamics of highly-excited states in N_2 molecules excited by attoseconds pulses. , 2013, , .		0
132	Development of active gratings for ultrafast monochromators. , 2013, , .		0
133	Ultrafast electron dynamics in an amino acid measured by attosecond pulses. , 2013, , .		0
134	Test of a multilayer-coated EUV grating for H-V order spectroscopic measurements of the solar corona. , 2013, , .		1
135	Novel space coronagraphs: METIS, a flexible optical design for multi-wavelength imaging and spectroscopy. , 2013, , .		10
136	Compact spectrometer for on-line photon diagnostics at FLASH. Journal of Physics: Conference Series, 2013, 425, 122010.	0.4	1
137	Spectral and intensity diagnostics of the SPARC free-electron-laser. Journal of Physics: Conference Series, 2013, 425, 122011.	0.4	2
138	Time-preserving grating monochromator for extreme-ultraviolet ultrashort pulses. Journal of Physics: Conference Series, 2013, 425, 122006.	0.4	1
139	High Order Harmonic Generation in Three Pulse Scattering Geometry. EPJ Web of Conferences, 2013, 41, 01016.	0.3	0
140	Single-Grating Monochromators for Extreme-Ultraviolet Ultrashort Pulses. Applied Sciences (Switzerland), 2013, 3, 1-13.	2.5	10
141	Charge density wave dynamics from ultrafast XUV ARPES. EPJ Web of Conferences, 2013, 41, 03023.	0.3	0
142	Isolated high-harmonic XUV photon absorption and NIR strong-field tunnel ionization. New Journal of Physics, 2012, 14, 013057.	2.9	7
143	Two-color mid-IR optical parametric amplifier for attosecond pulse generation. , 2012, , .		2
144	Transmittance and optical constants of Sr films in the 6-1220 eV spectral range. Journal of Applied Physics, 2012, 111, .	2.5	5

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145	High-Order-Harmonic Generation and Superradiance in a Seeded Free-Electron Laser. Physical Review Letters, 2012, 108, 164801.	7.8	38
146	Temporal gating methods for the generation of isolated attosecond pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 074002.	1.5	14
147	Grazing-incidence imaging spectrograph for solar observations in the XUV domain. Proceedings of SPIE, 2012, , .	0.8	0
148	Full tunability of laser femtosecond high-order harmonics in the ultraviolet spectral range. Applied Physics B: Lasers and Optics, 2012, 108, 43-49.	2.2	7
149	LEMUR: Large European module for solar Ultraviolet Research. Experimental Astronomy, 2012, 34, 273-309.	3.7	25
150	Observation of Ultrafast Charge Migration in an Amino Acid. Journal of Physical Chemistry Letters, 2012, 3, 3751-3754.	4.6	108
151	Active diffraction gratings: Development and tests. Review of Scientific Instruments, 2012, 83, 123106.	1.3	7
152	METIS: a novel coronagraph design for the Solar Orbiter mission. Proceedings of SPIE, 2012, , .	0.8	34
153	Ultrafast Grating Instruments in the Extreme Ultraviolet. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 467-478.	2.9	17
154	Optimization of low-order harmonic generation by exploitation of a resistive deformable mirror. Applied Physics B: Lasers and Optics, 2012, 106, 905-909.	2.2	6
155	Extreme-ultraviolet compact spectrometer for the characterization of the harmonics content in the free-electron-laser radiation at FLASH. Journal of Synchrotron Radiation, 2012, 19, 596-601.	2.4	6
156	Toward the Extension of High Order Harmonic Spectroscopy to Complex Molecules: Investigation of Aligned Hydrocarbons. Springer Proceedings in Physics, 2012, , 259-262.	0.2	0
157	New trends in imaging spectroscopy: the non-invasive study of the Scrovegni Chapel stained glass windows. , 2011, , .		2
158	Shape-from-silhouette for three-dimensional reconstruction from x-ray radiography. , 2011, , .		0
159	Transmittance and optical constants of erbium films in the 325â”1580â”eV spectral range. Applied Optics, 2011, 50, 2211.	2.1	6
160	Three-dimensional modeling using x-ray shape-from-silhouette. Applied Optics, 2011, 50, 3282.	2.1	5
161	Single-grating monochromator for extreme-ultraviolet ultrashort pulses. Optics Express, 2011, 19, 19169.	3.4	137
162	Compression methods for XUV attosecond pulses. Optics Express, 2011, 19, 23420.	3.4	20

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163	High-energy attosecond light sources. Nature Photonics, 2011, 5, 655-663.	31.4	289
164	Clocking the Melting Transition of Charge and Lattice Order in TaS_2 with Ultrafast Extreme-Ultraviolet Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2011, 107, 177402.	7.8	186
165	Gating of high-order harmonics generated by incommensurate two-color mid-IR laser pulses. Laser Physics Letters, 2011, 8, 875-879.	1.4	32
166	Grating monochromators for the spectral selection of femtosecond extreme-ultraviolet pulses. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 635, S75-S79.	1.6	3
167	Carbon coatings for extreme-ultraviolet high-order laser harmonics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 635, S43-S46.	1.6	1
168	Compact spectrometer for photon diagnostics of the extreme-ultraviolet free-electron-laser radiation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 635, S94-S98.	1.6	8
169	Analysis of the simultaneous measurements of iron K- and L-shell radiation from ultrashort laser produced plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 065602.	1.5	7
170	High-Gain Harmonic-Generation Free-Electron Laser Seeded by Harmonics Generated in Gas. Physical Review Letters, 2011, 107, 224801.	7.8	76
171	Transmittance and optical constants of Ho films in the 3-1340 eV spectral range. Journal of Applied Physics, 2011, 109, .	2.5	5
172	Design of time-preserving grating monochromators for ultrashort extreme-ultraviolet pulses. , 2011, , .		0
173	Self-amplified spontaneous emission for a single pass free-electron laser. Physical Review Special Topics: Accelerators and Beams, 2011, 14, .	1.8	60
174	Self-Amplified Spontaneous Emission Free-Electron Laser with an Energy-Chirped Electron Beam and Undulator Tapering. Physical Review Letters, 2011, 106, 144801.	7.8	66
175	Gating of high-order harmonic emission driven by a two-color mid-IR optical parametric amplifier. , 2011, , .		0
176	Time-duration dependence from the simultaneous measurements of iron K- and L-shell radiation from laser produced plasmas. Journal of Physics: Conference Series, 2010, 244, 042004.	0.4	2
177	Compact spectrometer for the analysis of high harmonics content of extreme-ultraviolet free-electron-laser radiation. Proceedings of SPIE, 2010, , .	0.8	5
178	High order harmonics driven by a self-phase-stabilized IR parametric source. Laser Physics, 2010, 20, 1019-1027.	1.2	17
179	Transmittance and optical constants of Lu films in the 3-1800 eV spectral range. Journal of Applied Physics, 2010, 108, .	2.5	8
180	Towards isolated attosecond pulses by polarization- and two-color-gating. AIP Conference Proceedings, 2010, , .	0.4	0

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181	Time-preserving grating monochromators for ultrafast extreme-ultraviolet pulses. <i>Applied Optics</i> , 2010, 49, 5465.	2.1	53
182	Interplay between group-delay-dispersion-induced polarization gating and ionization to generate isolated attosecond pulses from multicycle lasers. <i>Optics Letters</i> , 2010, 35, 2798.	3.3	36
183	High-order harmonics generated by 1.5 μ m parametric source. <i>Journal of Modern Optics</i> , 2010, 57, 1008-1013.	1.3	5
184	High harmonic generation spectroscopy of hydrocarbons. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	47
185	The photon analysis, delivery, and reduction system at the FERMI@Elettra free electron laser user facility. <i>Review of Scientific Instruments</i> , 2009, 80, 113110.	1.3	54
186	Transmittance and optical constants of Tm films in the 2.75–1600 eV spectral range. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	9
187	Time-delay compensated monochromator for the spectral selection of extreme-ultraviolet high-order laser harmonics. <i>Review of Scientific Instruments</i> , 2009, 80, 123109.	1.3	62
188	Efficient continuum generation exceeding 200 eV by intense ultrashort two-color driver. <i>Optics Letters</i> , 2009, 34, 3125.	3.3	73
189	Tolerances of time-delay-compensated monochromators for extreme-ultraviolet ultrashort pulses. <i>Applied Optics</i> , 2009, 48, 4526.	2.1	14
190	Design of high-resolution grazing-incidence echelle monochromators. <i>Applied Optics</i> , 2009, 48, 5363.	2.1	11
191	Shaping of attosecond pulses by phase-stabilized polarization gating. <i>Physical Review A</i> , 2009, 80, .	2.5	42
192	Coherent continuum generation above 100 eV driven by an ir parametric source in a two-color scheme. <i>Physical Review A</i> , 2009, 79, .	2.5	83
193	Ultrafast science and development at the Artemis facility. , 2009, , .		19
194	On-line spectrometer for FEL radiation at FERMI@Elettra. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 593, 129-131.	1.6	8
195	Compression of XLIV FEL pulses in the few-femtosecond regime. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 593, 14-16.	1.6	17
196	Intense femtosecond extreme ultraviolet pulses by using a time-delay-compensated monochromator: erratum. <i>Optics Letters</i> , 2008, 33, 140.	3.3	5
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