

# Mauro Nisoli

## List of Publications by Year in descending order

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346  
papers

14,559  
citations

28274

55  
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19749

117  
g-index

359  
all docs

359  
docs citations

359  
times ranked

5876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolated Single-Cycle Attosecond Pulses. <i>Science</i> , 2006, 314, 443-446.	12.6	1,496
2	Generation of high energy 10 fs pulses by a new pulse compression technique. <i>Applied Physics Letters</i> , 1996, 68, 2793-2795.	3.3	910
3	Compression of high-energy laser pulses below 5 fs. <i>Optics Letters</i> , 1997, 22, 522.	3.3	902
4	Absolute-phase phenomena in photoionization with few-cycle laser pulses. <i>Nature</i> , 2001, 414, 182-184.	27.8	653
5	Electron localization following attosecond molecular photoionization. <i>Nature</i> , 2010, 465, 763-766.	27.8	630
6	Ultrafast electron dynamics in phenylalanine initiated by attosecond pulses. <i>Science</i> , 2014, 346, 336-339.	12.6	615
7	Controlling attosecond electron dynamics by phase-stabilized polarization gating. <i>Nature Physics</i> , 2006, 2, 319-322.	16.7	399
8	Attosecond Electron Dynamics in Molecules. <i>Chemical Reviews</i> , 2017, 117, 10760-10825.	47.7	367
9	Generalized molecular orbital tomography. <i>Nature Physics</i> , 2011, 7, 822-826.	16.7	355
10	Advances in attosecond science. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 062001.	1.5	334
11	Controlling Two-Center Interference in Molecular High Harmonic Generation. <i>Physical Review Letters</i> , 2005, 95, 153902.	7.8	333
12	High-energy attosecond light sources. <i>Nature Photonics</i> , 2011, 5, 655-663.	31.4	289
13	Sub-8-fs pulses from an ultrabroadband optical parametric amplifier in the visible. <i>Optics Letters</i> , 1998, 23, 1283.	3.3	252
14	High-energy isolated attosecond pulses generated by above-saturation few-cycle fields. <i>Nature Photonics</i> , 2010, 4, 875-879.	31.4	252
15	Nonadiabatic three-dimensional model of high-order harmonic generation in the few-optical-cycle regime. <i>Physical Review A</i> , 2000, 61, .	2.5	230
16	Generation of 38-fs pulses from adaptive compression of a cascaded hollow fiber supercontinuum. <i>Optics Letters</i> , 2003, 28, 1987.	3.3	217
17	Millijoule-level phase-stabilized few-optical-cycle infrared parametric source. <i>Optics Letters</i> , 2007, 32, 2957.	3.3	181
18	Attosecond Electron Spectroscopy Using a Novel Interferometric Pump-Probe Technique. <i>Physical Review Letters</i> , 2010, 105, 053001.	7.8	181

#	ARTICLE	IF	CITATIONS
19	A novel-high energy pulse compression system: generation of multigigawatt sub-5-fs pulses. Applied Physics B: Lasers and Optics, 1997, 65, 189-196.	2.2	159
20	Generation of 11 fs pulses tunable across the visible by optical parametric amplification. Applied Physics Letters, 1997, 71, 3616-3618.	3.3	153
21	New frontiers in attosecond science. Progress in Quantum Electronics, 2009, 33, 17-59.	7.0	146
22	Coherent acoustic oscillations in metallic nanoparticles generated with femtosecond optical pulses. Physical Review B, 1997, 55, R13424-R13427.	3.2	144
23	Direct Observation of Ultrafast Field-Induced Charge Generation in Ladder-Type Poly(Para-Phenylene). Physical Review Letters, 1998, 81, 3259-3262.	7.8	137
24	Femtosecond Relaxation of Photoexcitations in a Poly(Para-Phenylene)-Type Ladder Polymer. Physical Review Letters, 1996, 76, 847-850.	7.8	134
25	Effects of Carrier-Envelope Phase Differences of Few-Optical-Cycle Light Pulses in Single-Shot High-Order-Harmonic Spectra. Physical Review Letters, 2003, 91, 213905.	7.8	134
26	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
27	Molecular Dissociative Ionization and Wave-Packet Dynamics Studied Using Two-Color XUV and IR Pump-Probe Spectroscopy. Physical Review Letters, 2009, 103, 123005.	7.8	115
28	Cluster effects in high-order harmonics generated by ultrashort light pulses. Applied Physics Letters, 2005, 86, 111121.	3.3	111
29	Observation of Ultrafast Charge Migration in an Amino Acid. Journal of Physical Chemistry Letters, 2012, 3, 3751-3754.	4.6	108
30	Ultrafast Electronic Dynamics in Solid and Liquid Gallium Nanoparticles. Physical Review Letters, 1997, 78, 3575-3578.	7.8	105
31	Highly efficient parametric conversion of femtosecond Ti:sapphire laser pulses at 1 kHz. Optics Letters, 1994, 19, 1973.	3.3	101
32	Nonadiabatic quantum path analysis of high-order harmonic generation: Role of the carrier-envelope phase on short and long paths. Physical Review A, 2004, 70, .	2.5	96
33	Above-Threshold Ionization at the Few-Cycle Limit. Physical Review Letters, 2003, 91, 173003.	7.8	89
34	Intense femtosecond extreme ultraviolet pulses by using a time-delay-compensated monochromator. Optics Letters, 2007, 32, 2897.	3.3	88
35	Rotational Raman Effects in the Wake of Optical Filamentation. Physical Review Letters, 2008, 100, 123006.	7.8	86
36	Coherent continuum generation above 100 eV driven by an ir parametric source in a two-color scheme. Physical Review A, 2009, 79, .	2.5	83

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37	Charge migration induced by attosecond pulses in bio-relevant molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 142001.	1.5	80
38	Excited-state dynamics of poly(para-phenylene)-type ladder polymers at high photoexcitation density. <i>Physical Review B</i> , 1998, 57, 12806-12811.	3.2	79
39	Single-shot kilohertz characterization of ultrashort pulses by spectral phase interferometry for direct electric-field reconstruction. <i>Optics Letters</i> , 2003, 28, 281.	3.3	79
40	Size effects in the ultrafast electronic dynamics of metallic tin nanoparticles. <i>Physical Review B</i> , 1996, 53, 15497-15500.	3.2	78
41	High-energy, few-optical-cycle pulses at 1.5 $\mu\text{m}$ with passive carrier-envelope phase stabilization. <i>Optics Express</i> , 2006, 14, 10109.	3.4	74
42	Attosecond chronoscopy of electron scattering in dielectric nanoparticles. <i>Nature Physics</i> , 2017, 13, 766-770.	16.7	74
43	Attosecond Pump-Probe Spectroscopy of Charge Dynamics in Tryptophan. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4570-4577.	4.6	74
44	Efficient continuum generation exceeding 200 eV by intense ultrashort two-color driver. <i>Optics Letters</i> , 2009, 34, 3125.	3.3	73
45	High-Brightness High-Order Harmonic Generation by Truncated Bessel Beams in the Sub-10-fs Regime. <i>Physical Review Letters</i> , 2002, 88, 033902.	7.8	71
46	Coherent diffractive imaging of single helium nanodroplets with a high harmonic generation source. <i>Nature Communications</i> , 2017, 8, 493.	12.8	71
47	Observation of Carrier-Envelope Phase Phenomena in the Multi-Optical-Cycle Regime. <i>Physical Review Letters</i> , 2004, 92, 113904.	7.8	66
48	Optimization of high-order harmonic generation by adaptive control of a sub-10-fs pulse wave front. <i>Optics Letters</i> , 2004, 29, 207.	3.3	66
49	Single-mode picosecond blue laser emission from a solid conjugated polymer. <i>Applied Physics Letters</i> , 1998, 73, 2860-2862.	3.3	65
50	Toward a terawatt-scale sub-10-fs laser technology. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 1998, 4, 414-420.	2.9	62
51	Tunable soft-x-ray radiation by high-order harmonic generation. <i>Physical Review A</i> , 1999, 61, .	2.5	62
52	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
53	Femtosecond vibrational and torsional energy redistribution in photoexcited oligothiophenes. <i>Chemical Physics Letters</i> , 1996, 251, 339-345.	2.6	60
54	Optimal spectral broadening in hollow-fiber compressor systems. <i>Applied Physics B: Lasers and Optics</i> , 2005, 80, 285-289.	2.2	58

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55	X-ray spectroscopy observation of fast ions generation in plasma produced by short low-contrast laser pulse irradiation of solid targets. <i>Laser and Particle Beams</i> , 2007, 25, 267-275.	1.0	58
56	Mirror-dispersion-controlled sub-10-fs optical parametric amplifier in the visible. <i>Optics Letters</i> , 1999, 24, 1529.	3.3	56
57	Ultrafast exciton dynamics in highly oriented polydiacetylene films. <i>Applied Physics Letters</i> , 1994, 65, 590-592.	3.3	52
58	Spectral Features and Modeling of High-Order Harmonics Generated by Sub-10-fs Pulses. <i>Physical Review Letters</i> , 2000, 85, 2494-2497.	7.8	51
59	Generation of deep ultraviolet sub-2-fs pulses. <i>Optics Letters</i> , 2019, 44, 1308.	3.3	47
60	Emission properties of para-hexaphenyl polycrystalline films. <i>Physical Review B</i> , 1997, 56, 10133-10137.	3.2	46
61	Parametric generation of high-energy 145-fs light pulses at 15 $\mu$ m. <i>Optics Letters</i> , 1998, 23, 630.	3.3	46
62	Above-threshold ionization of diatomic molecules by few-cycle laser pulses. <i>Physical Review A</i> , 2011, 84, .	2.5	43
63	Femtosecond spectral relaxation of $\pi$ -conjugated hexamethylsexithiophene in solution. <i>Physical Review B</i> , 1995, 51, 13770-13773.	3.2	42
64	Phase-matching analysis of high-order harmonics generated by truncated Bessel beams in the sub-10-fs regime. <i>Physical Review A</i> , 2003, 68, .	2.5	42
65	Shaping of attosecond pulses by phase-stabilized polarization gating. <i>Physical Review A</i> , 2009, 80, .	2.5	42
66	Cooperative effects in blue light emission of poly-(para-phenylene)-type ladderpolymer. <i>Applied Physics Letters</i> , 1997, 71, 2725-2727.	3.3	41
67	Attosecond spectroscopy for the investigation of ultrafast dynamics in atomic, molecular and solid-state physics. <i>Reports on Progress in Physics</i> , 2022, 85, 066401.	20.1	40
68	Real-time observation of a correlation-driven sub 3 $\mu$ s charge migration in ionised adenine. <i>Communications Chemistry</i> , 2021, 4, .	4.5	38
69	Advances in laser technology for isolated attosecond pulse generation. <i>Laser Physics Letters</i> , 2009, 6, 259-267.	1.4	37
70	Transient Spectroscopy of Frenkel and Charge Transfer Excitons in $\pi$ -Sexithienyl Films. <i>Physical Review Letters</i> , 1997, 79, 3066-3069.	7.8	36
71	Observation of autoionization dynamics and sub-cycle quantum beating in electronic molecular wave packets. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 065102.	1.5	36
72	Photoexcitations in para-hexaphenyl. <i>Physical Review B</i> , 1997, 56, 10128-10132.	3.2	35

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73	Carrier-Envelope Phase Effects of a Single Attosecond Pulse in Two-Color Photoionization. <i>Physical Review Letters</i> , 2013, 111, 123901.	7.8	35
74	Carrier-envelope-phase dependence of asymmetric C D bond breaking in C <sub>2</sub> D <sub>2</sub> in an intense few-cycle laser field. <i>Chemical Physics Letters</i> , 2014, 595-596, 61-66.	2.6	35
75	Vectorial optical field reconstruction by attosecond spatial interferometry. <i>Nature Photonics</i> , 2017, 11, 383-389.	31.4	34
76	The role of amplified spontaneous emission in the ultrafast relaxation dynamics of polymer films. <i>Chemical Physics Letters</i> , 1998, 289, 205-210.	2.6	33
77	Ultrafast photoinduced ring-closure dynamics of a diarylethene polymer. <i>Chemical Physics Letters</i> , 2002, 359, 278-282.	2.6	33
78	Characterization of a high-energy self-phase-stabilized near-infrared parametric source. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2008, 25, B112.	2.1	33
79	Polarization control of absorption of virtual dressed states in helium. <i>Physical Review A</i> , 2015, 92, .	2.5	33
80	Ultrafast energy-transfer dynamics in a blend of electroluminescent conjugated polymers. <i>Chemical Physics Letters</i> , 1998, 288, 561-566.	2.6	32
81	Unravelling the intertwined atomic and bulk nature of localised excitons by attosecond spectroscopy. <i>Nature Communications</i> , 2021, 12, 1021.	12.8	32
82	Single-Electron Subpicosecond Coherent Dynamics in KBrFCenters. <i>Physical Review Letters</i> , 1996, 77, 3463-3466.	7.8	31
83	Few-optical-cycle laser pulses: from high peak power to frequency tunability. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2000, 6, 948-958.	2.9	31
84	Probing two-centre interference in molecular high harmonic generation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, S457-S466.	1.5	31
85	Control of long electron quantum paths in high-order harmonic generation by phase-stabilized light pulses. <i>Physical Review A</i> , 2006, 73, .	2.5	31
86	Advances in high-order harmonic generation sources for time-resolved investigations. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 204, 257-268.	1.7	31
87	Femtosecond relaxation of photoexcitations in a solution of a poly(para-phenylene)-type ladder polymer. <i>Chemical Physics Letters</i> , 1995, 246, 95-100.	2.6	30
88	Autoionization and ultrafast relaxation dynamics of highly excited states in N <sub>2</sub> . <i>Physical Review A</i> , 2012, 86, .	2.5	30
89	Measurement of Harmonic Phase Differences by Interference of Attosecond Light Pulses. <i>Physical Review Letters</i> , 2005, 94, 193903.	7.8	29
90	Generation of high-energy self-phase-stabilized pulses by difference-frequency generation followed by optical parametric amplification. <i>Optics Letters</i> , 2006, 31, 963.	3.3	29

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91	Attosecond Technology and Science. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 507-519.	2.9	28
92	Ultrafast light-emission processes in poly(para-phenylene)-type ladder polymer films. Physical Review B, 1999, 59, 11328-11332.	3.2	25
93	Ultrafast optical relaxation dynamics in metallic nanoparticles: from bulk-like toward spatial confinement regime. Chemical Physics, 2000, 251, 259-267.	1.9	25
94	Ultra-broadband continuum generation by hollow-fiber cascading. Applied Physics B: Lasers and Optics, 2002, 75, 601-604.	2.2	25
95	High-order laser harmonics and synchrotron study of transition metals M <sub>2,3</sub> edges. Physical Review B, 2006, 73, .	3.2	25
96	Mapping the Dissociative Ionization Dynamics of Molecular Nitrogen with Attosecond Time Resolution. Physical Review X, 2015, 5, .	8.9	25
97	Reconstruction of attosecond electron wave packets using quantum state holography. Physical Review A, 2013, 88, .	2.5	24
98	Few-femtosecond extreme-ultraviolet pulses fully reconstructed by a ptychographic technique. Optics Express, 2018, 26, 6771.	3.4	23
99	Complete analog control of the carrier-envelope-phase of a high-power laser amplifier. Optics Express, 2013, 21, 25248.	3.4	22
100	Subpicosecond vibronic dynamics in KBrF centers. Physical Review B, 1997, 56, 1179-1195.	3.2	21
101	Mirror dispersion control of a hollow fiber supercontinuum. Applied Physics B: Lasers and Optics, 2004, 78, 551-555.	2.2	21
102	Attosecond metrology in the few-optical-cycle regime. New Journal of Physics, 2008, 10, 025006.	2.9	21
103	Micro-focusing of attosecond pulses by grazing-incidence toroidal mirrors. Optics Express, 2013, 21, 13040.	3.4	21
104	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
105	Ultrafast Quantum Interference in the Charge Migration of Tryptophan. Journal of Physical Chemistry Letters, 2020, 11, 891-899.	4.6	21
106	Femtosecond transient absorption saturation in poly(alkyl-thiophene-vinylene)s. Physical Review B, 1993, 47, 10881-10884.	3.2	20
107	Ultrafast carrier dynamics in germanium nanoparticles. Applied Physics Letters, 1999, 75, 208-210.	3.3	20
108	Elemental sensitivity in soft x-ray imaging with a laser-plasma source and a color center detector. Optics Letters, 2007, 32, 2593.	3.3	20

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109	Ultrafast dynamics in the DNA building blocks thymidine and thymine initiated by ionizing radiation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 19815-19821.	2.8	20
110	Ultrafast Charge Dynamics in an Amino Acid Induced by Attosecond Pulses. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2015, 21, 1-12.	2.9	19
111	Dependence upon the molecular and atomic ground state of higher-order harmonic generation in the few-optical-cycle regime. <i>Physical Review A</i> , 2005, 71, .	2.5	18
112	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
113	In situ measurement of nonlinear carrier-envelope phase changes in hollow fiber compression. <i>Optics Letters</i> , 2014, 39, 2302.	3.3	18
114	High order harmonics driven by a self-phase-stabilized IR parametric source. <i>Laser Physics</i> , 2010, 20, 1019-1027.	1.2	17
115	Quantum path control in harmonic generation by temporal shaping of few-optical-cycle pulses in ionizing media. <i>Physical Review A</i> , 2011, 84, .	2.5	17
116	Novel beamline for attosecond transient reflection spectroscopy in a sequential two-foci geometry. <i>Review of Scientific Instruments</i> , 2020, 91, 053002.	1.3	17
117	Fivefold femtosecond pulse compression by sum frequency generation. <i>Applied Physics Letters</i> , 1996, 68, 3540-3542.	3.3	16
118	Control of the polarization of isolated attosecond pulses in atoms with nonvanishing angular quantum number. <i>Physical Review A</i> , 2012, 85, .	2.5	16
119	Ultrafast Hydrogen Migration in Photoionized Glycine. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6012-6016.	4.6	16
120	Double-blind holography of attosecond pulses. <i>Nature Photonics</i> , 2019, 13, 91-95.	31.4	16
121	Ultrafast optical probes of electronic excited states in linear trans-quinacridone. <i>Chemical Physics Letters</i> , 1996, 257, 545-551.	2.6	15
122	Visible and near-infrared ultrafast optical dynamics of hexamethylsexithiophene in solution. <i>Physical Review B</i> , 1996, 53, 4453-4457.	3.2	15
123	Table-top soft x-ray imaging of nanometric films. <i>Applied Physics Letters</i> , 2006, 89, 111122.	3.3	15
124	High-order harmonic generation in alkanes. <i>Physical Review A</i> , 2006, 73, .	2.5	15
125	Charge migration in photo-ionized aromatic amino acids. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20170472.	3.4	15
126	Exciton dynamics in $\hat{1}\pm$ -sexithienyl films. <i>Chemical Physics Letters</i> , 1997, 264, 667-672.	2.6	14



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127	Seeding experiments at SPARC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 593, 132-136.	1.6	14
128	Phase-contrast imaging of nanostructures by soft x rays from a femtosecond-laser plasma. JETP Letters, 2008, 87, 238-242.	1.4	14
129	Temporal characterization of a time-compensated monochromator for high-efficiency selection of extreme-ultraviolet pulses generated by high-order harmonics. Journal of the Optical Society of America B: Optical Physics, 2008, 25, B44.	2.1	14
130	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
131	Study of exciton dynamics in InGaAs/InP quantum wells using a femtosecond optical parametric amplifier. Applied Physics Letters, 1995, 66, 227-229.	3.3	13
132	Towards atomic unit pulse duration by polarization-controlled few-cycle pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 134005.	1.5	13
133	Femtosecond optical dynamics of $\hat{1}\pm$ -conjugated hexamethylsexithiophene in solution. Synthetic Metals, 1996, 76, 39-41.	3.9	12
134	Nonlinear guided propagation of few-optical-cycle laser pulses with arbitrary polarization states. Physical Review A, 2002, 66, .	2.5	12
135	Few-Cycle Pulses by External Compression. Topics in Applied Physics, 0, , 137-178.	0.8	12
136	Frequency chirp of long electron quantum paths in high-order harmonic generation. Optics Express, 2006, 14, 2242.	3.4	12
137	Multicolor electroluminescence and stimulated emission of conjugated polymers and oligomers. , 1996, 2852, 189.		11
138	Ultrafast spectroscopy of photoexcitations in $\hat{1}\pm$ -sexithienyl films: evidence for excitons and polaron-pairs. Synthetic Metals, 1997, 84, 517-520.	3.9	11
139	Mirror-dispersion-controlled OPA: a compact tool for sub-10-fs spectroscopy in the visible. Applied Physics B: Lasers and Optics, 2000, 70, S253-S259.	2.2	11
140	Intrachain charge generation and recombination in alkoxy-substituted poly-(p-phenylenevinylene) films. Physical Review B, 2001, 64, .	3.2	11
141	Complete characterization of a coherent superposition of atomic states by asymmetric attosecond photoionization. Physical Review A, 2012, 85, .	2.5	11
142	Self-referenced spectral interferometry for single-shot measurement of sub-5-fs pulses. Review of Scientific Instruments, 2015, 86, 113106.	1.3	11
143	Attosecond streaking metrology with isolated nanotargets. Journal of Optics (United Kingdom), 2018, 20, 024002.	2.2	11
144	Highly stable 60 fs pulses from a cavity dumped hybridly mode-locked dye laser. Optics Communications, 1992, 92, 271-276.	2.1	10

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145	Femtosecond laser-induced electron emission from ferroelectrics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 372, 567-571.	1.6	10
146	Ultra-fast spectroscopy and extreme nonlinear optics by few-optical-cycle laser pulses. Applied Physics B: Lasers and Optics, 2000, 71, 779-786.	2.2	10
147	Poly(3-decylthiophene) as $\pi$ -conjugated active material in waveguides. Synthetic Metals, 1994, 67, 293-297.	3.9	9
148	Hollow-fiber compression of visible, 200 fs laser pulses to 40 fs pulse duration. Optics Letters, 2007, 32, 1866.	3.3	9
149	Attosecond photoionization for reconstruction of bound-electron wave packets. Physical Review A, 2014, 90, .	2.5	9
150	Robustness of the ePIE algorithm for the complete characterization of femtosecond, extreme ultra-violet pulses. Optics Express, 2020, 28, 10210.	3.4	9
151	New configuration for highly stable hybrid mode-locked femtosecond dye lasers. IEEE Journal of Quantum Electronics, 1992, 28, 1825-1829.	1.9	8
152	Features of high-order harmonic generation in the 30 fs and the sub-10 fs regimes. Journal of Optics, 2000, 2, 289-293.	1.5	8
153	Brave new attoworld. Nature Photonics, 2007, 1, 499-500.	31.4	8
154	Principles and Applications of Attosecond Technology. Advances in Atomic, Molecular and Optical Physics, 2011, 60, 371-413.	2.3	8
155	Time-frequency mapping of two-colour photoemission driven by harmonic radiation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 154003.	1.5	8
156	Measurement of Isolated Attosecond Pulses in the Few-Cycle Regime. , 2006, , .		8
157	Ultrafast exciton dynamics in a polymeric heterostructure based on thienylene-phenylene sequences. Chemical Physics Letters, 1995, 234, 348-353.	2.6	7
158	Relative efficiency of transient and stationary changes in excitonic optical properties of InGaAs/InP quantum wells. Applied Physics Letters, 1995, 67, 953-955.	3.3	7
159	Imaging of recombination events in high-order harmonic generation by phase-stabilized few-optical-cycle pulses. Journal of Modern Optics, 2006, 53, 67-74.	1.3	7
160	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
161	Mapping the spectral phase of isolated attosecond pulses by extreme-ultraviolet emission spectrum. Optics Express, 2015, 23, 9858.	3.4	7
162	Ultrafast non-linear optical response and acoustic phonon generation in poly (alkoxy-thiophene) film with regioregular structure. Chemical Physics Letters, 1994, 220, 64-69.	2.6	6

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163	Surface damage of extreme-ultraviolet gratings exposed to high-energy 20-fs laser pulses. Applied Optics, 1999, 38, 4720.	2.1	6
164	The role of beam profile in high-order harmonic generation by few-optical-cycle pulses. Applied Physics B: Lasers and Optics, 2002, 74, s11-s15.	2.2	6
165	Generation of fast ions in femto-and picosecond laser plasmas at low intensities of the heating radiation. JETP Letters, 2006, 84, 308-313.	1.4	6
166	Molecular orbital dependence of high-order harmonic generation. Journal of Modern Optics, 2006, 53, 97-111.	1.3	6
167	Refined Ptychographic Reconstruction of Attosecond Pulses. Applied Sciences (Switzerland), 2018, 8, 2563.	2.5	6
168	Femtosecond transient bleaching decay in poly(alkyl-thiophene-vinylene)s in solution and in film. Solid State Communications, 1993, 86, 583-588.	1.9	5
169	Ultrafast measurements and modeling of electron relaxation in germanium nanoparticles. Physical Review B, 2000, 62, 10318-10323.	3.2	5
170	Beam divergence of high-order harmonics generated in the few-optical cycle regime. European Physical Journal Special Topics, 2001, 11, Pr2-351-Pr2-354.	0.2	5
171	Study of few-optical-cycles generation of high-order harmonics. Laser and Particle Beams, 2001, 19, 41-45.	1.0	5
172	Intense femtosecond extreme ultraviolet pulses by using a time-delay-compensated monochromator: erratum. Optics Letters, 2008, 33, 140.	3.3	5
173	High-order harmonics generated by 1.5 $\mu$ m parametric source. Journal of Modern Optics, 2010, 57, 1008-1013.	1.3	5
174	Nonadiabatic quantum path analysis of the high-order harmonic generation in a highly ionized medium. New Journal of Physics, 2012, 14, 033009.	2.9	5
175	Analysis of the damage effect of femtosecond-laser irradiation on extreme ultraviolet Mo/Si multilayer coating. Thin Solid Films, 2012, 520, 2301-2306.	1.8	5
176	Photoexcitations in polycarbazolyldiacetylenes in different time regimes. Synthetic Metals, 1993, 57, 5081-5087.	3.9	4
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