

Mauro Nisoli

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254
papers

11,716
citations

50
h-index

105
g-index

359
ext. papers

13,491
ext. citations

4.4
avg, IF

5.71
L-index

#	Paper	IF	Citations
254	Isolated single-cycle attosecond pulses. <i>Science</i> , 2006 , 314, 443-6	33.3	1265
253	Compression of high-energy laser pulses below 5 fs. <i>Optics Letters</i> , 1997 , 22, 522-4	3	714
252	Generation of high energy 10 fs pulses by a new pulse compression technique. <i>Applied Physics Letters</i> , 1996 , 68, 2793-2795	3.4	668
251	Absolute-phase phenomena in photoionization with few-cycle laser pulses. <i>Nature</i> , 2001 , 414, 182-4	50.4	557
250	Electron localization following attosecond molecular photoionization. <i>Nature</i> , 2010 , 465, 763-6	50.4	549
249	Ultrafast electron dynamics in phenylalanine initiated by attosecond pulses. <i>Science</i> , 2014 , 346, 336-9	33.3	457
248	Controlling attosecond electron dynamics by phase-stabilized polarization gating. <i>Nature Physics</i> , 2006 , 2, 319-322	16.2	315
247	Controlling two-center interference in molecular high harmonic generation. <i>Physical Review Letters</i> , 2005 , 95, 153902	7.4	299
246	Generalized molecular orbital tomography. <i>Nature Physics</i> , 2011 , 7, 822-826	16.2	273
245	Attosecond Electron Dynamics in Molecules. <i>Chemical Reviews</i> , 2017 , 117, 10760-10825	68.1	228
244	High-energy attosecond light sources. <i>Nature Photonics</i> , 2011 , 5, 655-663	33.9	225
243	High-energy isolated attosecond pulses generated by above-saturation few-cycle fields. <i>Nature Photonics</i> , 2010 , 4, 875-879	33.9	219
242	Advances in attosecond science. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016 , 49, 062001	1.3	212
241	Sub-8-fs pulses from an ultrabroadband optical parametric amplifier in the visible. <i>Optics Letters</i> , 1998 , 23, 1283-5	3	200
240	Nonadiabatic three-dimensional model of high-order harmonic generation in the few-optical-cycle regime. <i>Physical Review A</i> , 2000 , 61,	2.6	197
239	Generation of 3.8-fs pulses from adaptive compression of a cascaded hollow fiber supercontinuum. <i>Optics Letters</i> , 2003 , 28, 1987-9	3	177
238	Attosecond electron spectroscopy using a novel interferometric pump-probe technique. <i>Physical Review Letters</i> , 2010 , 105, 053001	7.4	154

237	Millijoule-level phase-stabilized few-optical-cycle infrared parametric source. <i>Optics Letters</i> , 2007 , 32, 2957-9	3	150
236	A novel-high energy pulse compression system: generation of multigigawatt sub-5-fs pulses. <i>Applied Physics B: Lasers and Optics</i> , 1997 , 65, 189-196	1.9	133
235	New frontiers in attosecond science. <i>Progress in Quantum Electronics</i> , 2009 , 33, 17-59	9.1	131
234	Coherent acoustic oscillations in metallic nanoparticles generated with femtosecond optical pulses. <i>Physical Review B</i> , 1997 , 55, R13424-R13427	3.3	129
233	Generation of 11 fs pulses tunable across the visible by optical parametric amplification. <i>Applied Physics Letters</i> , 1997 , 71, 3616-3618	3.4	128
232	Direct Observation of Ultrafast Field-Induced Charge Generation in Ladder-Type Poly(Para-Phenylene). <i>Physical Review Letters</i> , 1998 , 81, 3259-3262	7.4	121
231	Femtosecond relaxation of photoexcitations in a poly(para-phenylene)-type ladder polymer. <i>Physical Review Letters</i> , 1996 , 76, 847-850	7.4	121
230	Effects of carrier-envelope phase differences of few-optical-cycle light pulses in single-shot high-order-harmonic spectra. <i>Physical Review Letters</i> , 2003 , 91, 213905	7.4	116
229	Molecular dissociative ionization and wave-packet dynamics studied using two-color XUV and IR pump-probe spectroscopy. <i>Physical Review Letters</i> , 2009 , 103, 123005	7.4	100
228	Cluster effects in high-order harmonics generated by ultrashort light pulses. <i>Applied Physics Letters</i> , 2005 , 86, 111121	3.4	96
227	Ultrafast Electronic Dynamics in Solid and Liquid Gallium Nanoparticles. <i>Physical Review Letters</i> , 1997 , 78, 3575-3578	7.4	91
226	Observation of Ultrafast Charge Migration in an Amino Acid. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 3751-4	6.4	88
225	Highly efficient parametric conversion of femtosecond Ti:sapphire laser pulses at 1 kHz. <i>Optics Letters</i> , 1994 , 19, 1973-5	3	82
224	The ELI-ALPS facility: the next generation of attosecond sources. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017 , 50, 132002	1.3	81
223	Nonadiabatic quantum path analysis of high-order harmonic generation: Role of the carrier-envelope phase on short and long paths. <i>Physical Review A</i> , 2004 , 70,	2.6	81
222	Above-threshold ionization at the few-cycle limit. <i>Physical Review Letters</i> , 2003 , 91, 173003	7.4	81
221	Coherent continuum generation above 100 eV driven by an ir parametric source in a two-color scheme. <i>Physical Review A</i> , 2009 , 79,	2.6	76
220	Rotational Raman effects in the wake of optical filamentation. <i>Physical Review Letters</i> , 2008 , 100, 123006	7.4	74

219	Excited-state dynamics of poly(para-phenylene)-type ladder polymers at high photoexcitation density. <i>Physical Review B</i> , 1998 , 57, 12806-12811	3-3	73
218	Size effects in the ultrafast electronic dynamics of metallic tin nanoparticles. <i>Physical Review B</i> , 1996 , 53, 15497-15500	3-3	71
217	Efficient continuum generation exceeding 200 eV by intense ultrashort two-color driver. <i>Optics Letters</i> , 2009 , 34, 3125-7	3	65
216	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	64
215	Intense femtosecond extreme ultraviolet pulses by using a time-delay-compensated monochromator. <i>Optics Letters</i> , 2007 , 32, 2897-9	3	62
214	High-brightness high-order harmonic generation by truncated bessel beams in the sub-10-fs regime. <i>Physical Review Letters</i> , 2002 , 88, 033902	7-4	59
213	Single-mode picosecond blue laser emission from a solid conjugated polymer. <i>Applied Physics Letters</i> , 1998 , 73, 2860-2862	3-4	57
212	Charge migration induced by attosecond pulses in bio-relevant molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016 , 49, 142001	1-3	56
211	Observation of carrier-envelope phase phenomena in the multi-optical-cycle regime. <i>Physical Review Letters</i> , 2004 , 92, 113904	7-4	56
210	Femtosecond vibrational and torsional energy redistribution in photoexcited oligothiophenes. <i>Chemical Physics Letters</i> , 1996 , 251, 339-345	2-5	55
209	Tunable soft-x-ray radiation by high-order harmonic generation. <i>Physical Review A</i> , 1999 , 61,	2-6	54
208	Coherent diffractive imaging of single helium nanodroplets with a high harmonic generation source. <i>Nature Communications</i> , 2017 , 8, 493	17-4	53
207	High-energy, few-optical-cycle pulses at 1.5 microm with passive carrier-envelope phase stabilization. <i>Optics Express</i> , 2006 , 14, 10109-16	3-3	53
206	Attosecond chronoscopy of electron scattering in dielectric nanoparticles. <i>Nature Physics</i> , 2017 , 13, 766-770	7-0	52
205	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	0-9	52
204	Toward a terawatt-scale sub-10-fs laser technology. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 1998 , 4, 414-420	3-8	48
203	Optimization of high-order harmonic generation by adaptive control of a sub-10-fs pulse wave front. <i>Optics Letters</i> , 2004 , 29, 207-9	3	48
202	Ultrafast exciton dynamics in highly oriented polydiacetylene films. <i>Applied Physics Letters</i> , 1994 , 65, 590-592	3-4	47

201	Time-delay compensated monochromator for the spectral selection of extreme-ultraviolet high-order laser harmonics. <i>Review of Scientific Instruments</i> , 2009 , 80, 123109	1.7	45
200	Optimal spectral broadening in hollow-fiber compressor systems. <i>Applied Physics B: Lasers and Optics</i> , 2005 , 80, 285-289	1.9	45
199	Attosecond Pump-Probe Spectroscopy of Charge Dynamics in Tryptophan. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 4570-4577	6.4	43
198	Emission properties of para-hexaphenyl polycrystalline films. <i>Physical Review B</i> , 1997 , 56, 10133-10137	3.3	43
197	Mirror-dispersion-controlled sub-10-fs optical parametric amplifier in the visible. <i>Optics Letters</i> , 1999 , 24, 1529-31	3	42
196	Femtosecond spectral relaxation of alpha -conjugated hexamethylsexithiophene in solution. <i>Physical Review B</i> , 1995 , 51, 13770-13773	3.3	42
195	Shaping of attosecond pulses by phase-stabilized polarization gating. <i>Physical Review A</i> , 2009 , 80,	2.6	41
194	Cooperative effects in blue light emission of poly-(para-phenylene)-type ladderpolymer. <i>Applied Physics Letters</i> , 1997 , 71, 2725-2727	3.4	40
193	Parametric generation of high-energy 14.5-fs light pulses at 1.5 μm . <i>Optics Letters</i> , 1998 , 23, 630-2	3	40
192	Above-threshold ionization of diatomic molecules by few-cycle laser pulses. <i>Physical Review A</i> , 2011 , 84,	2.6	39
191	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,	2.6	39
190	Spectral features and modeling of high-order harmonics generated by sub-10-fs pulses. <i>Physical Review Letters</i> , 2000 , 85, 2494-7	7.4	36
189	Transient Spectroscopy of Frenkel and Charge Transfer Excitons in π -Sexithienyl Films. <i>Physical Review Letters</i> , 1997 , 79, 3066-3069	7.4	35
188	Carrier-envelope phase effects of a single attosecond pulse in two-color photoionization. <i>Physical Review Letters</i> , 2013 , 111, 123901	7.4	33
187	The role of amplified spontaneous emission in the ultrafast relaxation dynamics of polymer films. <i>Chemical Physics Letters</i> , 1998 , 289, 205-210	2.5	33
186	Carrier-envelope-phase dependence of asymmetric C D bond breaking in C ₂ D ₂ in an intense few-cycle laser field. <i>Chemical Physics Letters</i> , 2014 , 595-596, 61-66	2.5	32
185	Photoexcitations in para-hexaphenyl. <i>Physical Review B</i> , 1997 , 56, 10128-10132	3.3	32
184	Ultrafast energy-transfer dynamics in a blend of electroluminescent conjugated polymers. <i>Chemical Physics Letters</i> , 1998 , 288, 561-566	2.5	32

183	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	1.7	31
182	Ultrafast photoinduced ring-closure dynamics of a diarylethene polymer. <i>Chemical Physics Letters</i> , 2002 , 359, 278-282	2.5	31
181	Advances in laser technology for isolated attosecond pulse generation. <i>Laser Physics Letters</i> , 2009 , 6, 259-267	1.5	30
180	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	3.8	29
179	Single-Electron Subpicosecond Coherent Dynamics in KBr F Centers. <i>Physical Review Letters</i> , 1996 , 77, 3463-3466	7.4	29
178	Femtosecond relaxation of photoexcitations in a solution of a poly(para-phenylene)-type ladder polymer. <i>Chemical Physics Letters</i> , 1995 , 246, 95-100	2.5	29
177	Probing two-centre interference in molecular high harmonic generation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006 , 39, S457-S466	1.3	28
176	Control of long electron quantum paths in high-order harmonic generation by phase-stabilized light pulses. <i>Physical Review A</i> , 2006 , 73,	2.6	28
175	Measurement of harmonic phase differences by interference of attosecond light pulses. <i>Physical Review Letters</i> , 2005 , 94, 193903	7.4	28
174	Generation of high-energy self-phase-stabilized pulses by difference-frequency generation followed by optical parametric amplification. <i>Optics Letters</i> , 2006 , 31, 963-5	3	27
173	Polarization control of absorption of virtual dressed states in helium. <i>Physical Review A</i> , 2015 , 92,	2.6	26
172	Vectorial optical field reconstruction by attosecond spatial interferometry. <i>Nature Photonics</i> , 2017 , 11, 383-389	33.9	25
171	Autoionization and ultrafast relaxation dynamics of highly excited states in N ₂ . <i>Physical Review A</i> , 2012 , 86,	2.6	25
170	High-order laser harmonics and synchrotron study of transition metals M _{2,3} edges. <i>Physical Review B</i> , 2006 , 73,	3.3	24
169	Ultrafast optical relaxation dynamics in metallic nanoparticles: from bulk-like toward spatial confinement regime. <i>Chemical Physics</i> , 2000 , 251, 259-267	2.3	24
168	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	23
167	Ultrafast light-emission processes in poly(para-phenylene)-type ladder polymer films. <i>Physical Review B</i> , 1999 , 59, 11328-11332	3.3	23
166	Subpicosecond vibronic dynamics in KBr F centers. <i>Physical Review B</i> , 1997 , 56, 1179-1195	3.3	21

165	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	1.3	20
164	. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2012 , 18, 507-519	3.8	19
163	Attosecond metrology in the few-optical-cycle regime. <i>New Journal of Physics</i> , 2008 , 10, 025006	2.9	19
162	Elemental sensitivity in soft x-ray imaging with a laser-plasma source and a color center detector. <i>Optics Letters</i> , 2007 , 32, 2593-5	3	19
161	Femtosecond transient absorption saturation in poly(alkyl-thiophene-vinylene)s. <i>Physical Review B</i> , 1993 , 47, 10881-10884	3.3	19
160	Generation of deep ultraviolet sub-2-fs pulses. <i>Optics Letters</i> , 2019 , 44, 1308-1311	3	19
159	Mirror dispersion control of a hollow fiber supercontinuum. <i>Applied Physics B: Lasers and Optics</i> , 2004 , 78, 551-555	1.9	17
158	Ultra-broadband continuum generation by hollow-fiber cascading. <i>Applied Physics B: Lasers and Optics</i> , 2002 , 75, 601-604	1.9	17
157	Reconstruction of attosecond electron wave packets using quantum state holography. <i>Physical Review A</i> , 2013 , 88,	2.6	16
156	Mapping the Dissociative Ionization Dynamics of Molecular Nitrogen with Attosecond Time Resolution. <i>Physical Review X</i> , 2015 , 5,	9.1	16
155	In situ measurement of nonlinear carrier-envelope phase changes in hollow fiber compression. <i>Optics Letters</i> , 2014 , 39, 2302-5	3	16
154	Micro-focusing of attosecond pulses by grazing-incidence toroidal mirrors. <i>Optics Express</i> , 2013 , 21, 13040-13051	4.3	16
153	Control of the polarization of isolated attosecond pulses in atoms with nonvanishing angular quantum number. <i>Physical Review A</i> , 2012 , 85,	2.6	16
152	High order harmonics driven by a self-phase-stabilized IR parametric source. <i>Laser Physics</i> , 2010 , 20, 1019-1027	1.6	16
151	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,	2.6	16
150	Ultrafast carrier dynamics in germanium nanoparticles. <i>Applied Physics Letters</i> , 1999 , 75, 208-210	3.4	16
149	High-throughput beamline for attosecond pulses based on toroidal mirrors with microfocusing capabilities. <i>Review of Scientific Instruments</i> , 2014 , 85, 103115	1.7	15
148	Quantum path control in harmonic generation by temporal shaping of few-optical-cycle pulses in ionizing media. <i>Physical Review A</i> , 2011 , 84,	2.6	15

147	Fivefold femtosecond pulse compression by sum frequency generation. <i>Applied Physics Letters</i> , 1996 , 68, 3540-3542	3.4	15
146	Visible and near-infrared ultrafast optical dynamics of hexamethylsexithiophene in solution. <i>Physical Review B</i> , 1996 , 53, 4453-4457	3.3	15
145	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	3.8	14
144	Exciton dynamics in β -sexithienyl films. <i>Chemical Physics Letters</i> , 1997 , 264, 667-672	2.5	14
143	Seeding experiments at SPARC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 593, 132-136	1.2	14
142	Ultrafast Quantum Interference in the Charge Migration of Tryptophan. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 891-899	6.4	13
141	High-order harmonic generation in alkanes. <i>Physical Review A</i> , 2006 , 73,	2.6	13
140	Ultrafast optical probes of electronic excited states in linear trans-quinacridone. <i>Chemical Physics Letters</i> , 1996 , 257, 545-551	2.5	13
139	Charge migration in photo-ionized aromatic amino acids. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019 , 377, 20170472	3	12
138	Phase-contrast imaging of nanostructures by soft x rays from a femtosecond-laser plasma. <i>JETP Letters</i> , 2008 , 87, 238-242	1.2	12
137	Temporal characterization of a time-compensated monochromator for high-efficiency selection of extreme-ultraviolet pulses generated by high-order harmonics. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2008 , 25, B44	1.7	12
136	Table-top soft x-ray imaging of nanometric films. <i>Applied Physics Letters</i> , 2006 , 89, 111122	3.4	12
135	Frequency chirp of long electron quantum paths in high-order harmonic generation. <i>Optics Express</i> , 2006 , 14, 2242-9	3.3	12
134	Femtosecond optical dynamics of β -conjugated hexamethylsexithiophene in solution. <i>Synthetic Metals</i> , 1996 , 76, 39-41	3.6	12
133	Double-blind holography of attosecond pulses. <i>Nature Photonics</i> , 2019 , 13, 91-95	33.9	11
132	Complete analog control of the carrier-envelope-phase of a high-power laser amplifier. <i>Optics Express</i> , 2013 , 21, 25248-56	3.3	11
131	Temporal gating methods for the generation of isolated attosecond pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012 , 45, 074002	1.3	11
130	Ultrafast spectroscopy of photoexcitations in β -sexithienyl films: evidence for excitons and polaron-pairs. <i>Synthetic Metals</i> , 1997 , 84, 517-520	3.6	11

129	Mirror-dispersion-controlled OPA: a compact tool for sub-10-fs spectroscopy in the visible. <i>Applied Physics B: Lasers and Optics</i> , 2000 , 70, S253-S259	1.9	11
128	Study of exciton dynamics in InGaAs/InP quantum wells using a femtosecond optical parametric amplifier. <i>Applied Physics Letters</i> , 1995 , 66, 227-229	3.4	11
127	Multicolor electroluminescence and stimulated emission of conjugated polymers and oligomers 1996 , 2852, 189		11
126	Ultrafast dynamics in the DNA building blocks thymidine and thymine initiated by ionizing radiation. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 19815-19821	3.6	10
125	Few-femtosecond extreme-ultraviolet pulses fully reconstructed by a ptychographic technique. <i>Optics Express</i> , 2018 , 26, 6771-6784	3.3	10
124	Complete characterization of a coherent superposition of atomic states by asymmetric attosecond photoionization. <i>Physical Review A</i> , 2012 , 85,	2.6	10
123	Towards atomic unit pulse duration by polarization-controlled few-cycle pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009 , 42, 134005	1.3	10
122	Intrachain charge generation and recombination in alkoxy-substituted poly-(p-phenylenevinylene) films. <i>Physical Review B</i> , 2001 , 64,	3.3	10
121	Highly stable 60 fs pulses from a cavity dumped hybridly mode-locked dye laser. <i>Optics Communications</i> , 1992 , 92, 271-276	2	10
120	Ultrafast Hydrogen Migration in Photoionized Glycine. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 6012-6016	6.4	10
119	Nonlinear guided propagation of few-optical-cycle laser pulses with arbitrary polarization states. <i>Physical Review A</i> , 2002 , 66,	2.6	9
118	Real-time observation of a correlation-driven sub 3 fs charge migration in ionised adenine. <i>Communications Chemistry</i> , 2021 , 4,	6.3	9
117	Attosecond pulse generation at ELI-ALPS 100 kHz repetition rate beamline. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020 , 53, 154004	1.3	8
116	Hollow-fiber compression of visible, 200 fs laser pulses to 40 fs pulse duration. <i>Optics Letters</i> , 2007 , 32, 1866-8	3	8
115	Ultra-fast spectroscopy and extreme nonlinear optics by few-optical-cycle laser pulses. <i>Applied Physics B: Lasers and Optics</i> , 2000 , 71, 779-786	1.9	8
114	Femtosecond laser-induced electron emission from ferroelectrics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 372, 567-571	1.2	8
113	Attosecond photoionization for reconstruction of bound-electron wave packets. <i>Physical Review A</i> , 2014 , 90,	2.6	7
112	Self-referenced spectral interferometry for single-shot measurement of sub-5-fs pulses. <i>Review of Scientific Instruments</i> , 2015 , 86, 113106	1.7	7

111	Analysis of the simultaneous measurements of iron K- and L-shell radiation from ultrashort laser produced plasmas. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011 , 44, 065602	1.3	7
110	Imaging of recombination events in high-order harmonic generation by phase-stabilized few-optical-cycle pulses. <i>Journal of Modern Optics</i> , 2006 , 53, 67-74	1.1	7
109	Few-Cycle Pulses by External Compression. <i>Topics in Applied Physics</i> , 2004 , 137-178	0.5	7
108	Relative efficiency of transient and stationary changes in excitonic optical properties of InGaAs/InP quantum wells. <i>Applied Physics Letters</i> , 1995 , 67, 953-955	3.4	7
107	New configuration for highly stable hybrid mode-locked femtosecond dye lasers. <i>IEEE Journal of Quantum Electronics</i> , 1992 , 28, 1825-1829	2	7
106	Attosecond streaking metrology with isolated nanotargets. <i>Journal of Optics (United Kingdom)</i> , 2018 , 20, 024002	1.7	7
105	Molecular orbital dependence of high-order harmonic generation. <i>Journal of Modern Optics</i> , 2006 , 53, 97-111	1.1	6
104	Generation of fast ions in femto- and picosecond laser plasmas at low intensities of the heating radiation. <i>JETP Letters</i> , 2006 , 84, 308-313	1.2	6
103	Features of high-order harmonic generation in the 30 fs and the sub-10 fs regimes. <i>Journal of Optics</i> , 2000 , 2, 289-293		6
102	Ultrafast non-linear optical response and acoustic phonon generation in poly (alkoxy-thiophene) film with regioregular structure. <i>Chemical Physics Letters</i> , 1994 , 220, 64-69	2.5	6
101	Poly(3-decylthiophene) as Γ B active material in waveguides. <i>Synthetic Metals</i> , 1994 , 67, 293-297	3.6	6
100	Ultrafast exciton dynamics in a polymeric heterostructure based on thienylene-phenylene sequences. <i>Chemical Physics Letters</i> , 1995 , 234, 348-353	2.5	6
99	Robustness of the ePIE algorithm for the complete characterization of femtosecond, extreme ultra-violet pulses. <i>Optics Express</i> , 2020 , 28, 10210-10224	3.3	6
98	Mapping the spectral phase of isolated attosecond pulses by extreme-ultraviolet emission spectrum. <i>Optics Express</i> , 2015 , 23, 9858-69	3.3	5
97	Nonadiabatic quantum path analysis of the high-order harmonic generation in a highly ionized medium. <i>New Journal of Physics</i> , 2012 , 14, 033009	2.9	5
96	Intense femtosecond extreme ultraviolet pulses by using a time-delay-compensated monochromator: erratum. <i>Optics Letters</i> , 2008 , 33, 140	3	5
95	The role of beam profile in high-order harmonic generation by few-optical-cycle pulses. <i>Applied Physics B: Lasers and Optics</i> , 2002 , 74, s11-s15	1.9	5
94	Ultrafast measurements and modeling of electron relaxation in germanium nanoparticles. <i>Physical Review B</i> , 2000 , 62, 10318-10323	3.3	5

93	Femtosecond transient bleaching decay in poly(alkyl-thiophene-vinylene)s in solution and in film. <i>Solid State Communications</i> , 1993 , 86, 583-588	1.6	5
92	Unravelling the intertwined atomic and bulk nature of localised excitons by attosecond spectroscopy. <i>Nature Communications</i> , 2021 , 12, 1021	17.4	5
91	Analysis of the damage effect of femtosecond-laser irradiation on extreme ultraviolet Mo/Si multilayer coating. <i>Thin Solid Films</i> , 2012 , 520, 2301-2306	2.2	4
90	High-order harmonics generated by 1.5 fs parametric source. <i>Journal of Modern Optics</i> , 2010 , 57, 1008-1013	1.3	4
89	Photoexcitations of polycarbazolyldiacetylenes in different time domains 1997 ,		4
88	Ultrafast transmittance changes induced by exciton or carrier photogeneration in InGaAs/InP quantum wells. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1997 , 14, 1870	1.7	4
87	Extracting ion emission lines from femtosecond-laser plasma x-ray spectra heavily contaminated by spikes. <i>Journal of Applied Physics</i> , 2007 , 102, 063303	2.5	4
86	Beam divergence of high-order harmonics generated in the few-optical cycle regime. <i>European Physical Journal Special Topics</i> , 2001 , 11, Pr2-351-Pr2-354		4
85	Study of few-optical-cycles generation of high-order harmonics. <i>Laser and Particle Beams</i> , 2001 , 19, 41-45.	0.9	4
84	Ultrafast Excitation Energy Transfer in a Blend of Light-Emitting Conjugated Polymers. <i>Synthetic Metals</i> , 1999 , 101, 306-307	3.6	4
83	Photoexcitations in polycarbazolyldiacetylenes in different time regimes. <i>Synthetic Metals</i> , 1993 , 57, 5081-5087	3.6	4
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