

Mauro Nisoli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Reconstruction of ultrafast exciton dynamics with a phase-retrieval algorithm.. <i>Optics Express</i> , 2022 , 30, 12248-12267	3.3	
253	Ultrafast exciton dynamics reconstruction with a ptychographic approach. <i>EPJ Web of Conferences</i> , 2021 , 255, 13005	0.3	
252	A systematic study of the valence electronic structure of cyclo(Gly-Phe), cyclo(Trp-Tyr) and cyclo(Trp-Trp) dipeptides in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 26793-26805	3.6	1
251	Reconstruction of few-fs XUV pulses with a perturbative approach. <i>EPJ Web of Conferences</i> , 2021 , 255, 11008	0.3	
250	Real-time observation of a correlation-driven sub 3 fs charge migration in ionised adenine. <i>Communications Chemistry</i> , 2021 , 4,	6.3	9
249	Unravelling the intertwined atomic and bulk nature of localised excitons by attosecond spectroscopy. <i>Nature Communications</i> , 2021 , 12, 1021	17.4	5
248	Time-frequency mapping of two-colour photoemission driven by harmonic radiation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021 , 54, 154003	1.3	2
247	Novel beamline for attosecond transient reflection spectroscopy in a sequential two-foci geometry. <i>Review of Scientific Instruments</i> , 2020 , 91, 053002	1.7	3
246	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
245	Ultrafast Quantum Interference in the Charge Migration of Tryptophan. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 891-899	6.4	13
244	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
243	Generation and complete temporal characterization of 5-fs EUV pulses. <i>EPJ Web of Conferences</i> , 2019 , 205, 02009	0.3	
242	Ultrafast mapping of relaxation dynamics of ethylene cation. <i>EPJ Web of Conferences</i> , 2019 , 205, 06002	0.3	
241	Double-blind holography of attosecond pulses. <i>Nature Photonics</i> , 2019 , 13, 91-95	33.9	11
240	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	
239	Charge migration in photo-ionized aromatic amino acids. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019 , 377, 20170472	3	12
238	A beamline for attosecond UV pump - XUV probe experiments. <i>EPJ Web of Conferences</i> , 2019 , 205, 02017	0.3	

237	Generation of deep ultraviolet sub-2-fs pulses. <i>Optics Letters</i> , 2019 , 44, 1308-1311	3	19
236	Few-femtosecond extreme-ultraviolet pulses fully reconstructed by a ptychographic technique. <i>Optics Express</i> , 2018 , 26, 6771-6784	3.3	10
235	Attosecond Pump-Probe Spectroscopy of Charge Dynamics in Tryptophan. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 4570-4577	6.4	43
234	Generation of Few-Cycle UV pulses Synchronized with Attosecond XUV Pulses 2018 ,		1
233	Attosecond streaking metrology with isolated nanotargets. <i>Journal of Optics (United Kingdom)</i> , 2018 , 20, 024002	1.7	7
232	Refined Ptychographic Reconstruction of Attosecond Pulses. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2563	2.6	4
231	Ultrafast Hydrogen Migration in Photoionized Glycine. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 6012-6016	6.4	10
230	Attosecond Electron Dynamics in Molecules. <i>Chemical Reviews</i> , 2017 , 117, 10760-10825	68.1	228
229	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
228	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
227	Attosecond chronoscopy of electron scattering in dielectric nanoparticles. <i>Nature Physics</i> , 2017 , 13, 766-770	17.0	52
226	Vectorial optical field reconstruction by attosecond spatial interferometry. <i>Nature Photonics</i> , 2017 , 11, 383-389	33.9	25
225	Coherent diffractive imaging of single helium nanodroplets with a high harmonic generation source. <i>Nature Communications</i> , 2017 , 8, 493	17.4	53
224	Attosecond Electron Spectroscopy in Molecules. <i>Springer Series on Atomic, Optical, and Plasma Physics</i> , 2016 , 143-160	0.4	
223	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
222	Advances in attosecond science. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016 , 49, 062001	1.3	212
221	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
220	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

219	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
218	Mapping the spectral phase of isolated attosecond pulses by extreme-ultraviolet emission spectrum. <i>Optics Express</i> , 2015 , 23, 9858-69	3.3	5
217	Polarization control of absorption of virtual dressed states in helium. <i>Physical Review A</i> , 2015 , 92,	2.6	26
216	Mapping the Dissociative Ionization Dynamics of Molecular Nitrogen with Attosecond Time Resolution. <i>Physical Review X</i> , 2015 , 5,	9.1	16
215	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
214	XUV induced hydrogen migration in 5-halouracil. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 112131	0.3	2
213	Mapping the dissociative ionization dynamics of molecular nitrogen with attosecond resolution. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 112101	0.3	
212	Light at the extremes: From femto- to atto-science for real-time studies of atomic and electronic motions. <i>Europhysics Letters</i> , 2015 , 112, 24001	1.6	1
211	Sub-4-fs Charge Migration in Phenylalanine. <i>Springer Proceedings in Physics</i> , 2015 , 52-55	0.2	
210	Overview on Attosecond Sources. <i>Springer Series in Optical Sciences</i> , 2015 , 41-62	0.5	
209	Attosecond Dynamics in Atoms 2014 , 361-394		
208	Electron Localization in Hydrogen. <i>Springer Series in Chemical Physics</i> , 2014 , 17-32	0.3	2
207	Ultrafast electron dynamics in phenylalanine initiated by attosecond pulses. <i>Science</i> , 2014 , 346, 336-9	33.3	457
206	Attosecond photoionization for reconstruction of bound-electron wave packets. <i>Physical Review A</i> , 2014 , 90,	2.6	7
205	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
204	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
203	In situ measurement of nonlinear carrier-envelope phase changes in hollow fiber compression. <i>Optics Letters</i> , 2014 , 39, 2302-5	3	16
202	Attosecond Pulses for Atomic and Molecular Physics. <i>Springer Series in Materials Science</i> , 2014 , 125-141	0.9	1

201	Reconstruction of attosecond electron wave packets using quantum state holography. <i>Physical Review A</i> , 2013 , 88,	2.6	16
200	Carrier-envelope phase effects of a single attosecond pulse in two-color photoionization. <i>Physical Review Letters</i> , 2013 , 111, 123901	7.4	33
199	Gating Techniques for Shaping of Attosecond Pulses. <i>Springer Series in Chemical Physics</i> , 2013 , 55-69	0.3	1
198	Micro-focusing of attosecond pulses by grazing-incidence toroidal mirrors. <i>Optics Express</i> , 2013 , 21, 13040-51	3.5	16
197	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
196	Ultrafast Relaxation Dynamics of Highly-excited States in N ₂ Molecules Excited by Femtosecond XUV Pulses. <i>EPJ Web of Conferences</i> , 2013 , 41, 02004	0.3	
195	Attosecond Absorption Spectroscopy in Molecules 2013 ,		2
194	Attosecond Pulse Characterization. <i>Springer Series in Optical Sciences</i> , 2013 , 69-80	0.5	
193	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
192	. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2012 , 18, 507-519	3.8	19
191	Observation of Ultrafast Charge Migration in an Amino Acid. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 3751-4	6.4	88
190	Attosecond electron interferometry for measurement of the quantum phase of free-electron wave packets. <i>Physical Review A</i> , 2012 , 86,	2.6	3
189	Complete characterization of a coherent superposition of atomic states by asymmetric attosecond photoionization. <i>Physical Review A</i> , 2012 , 85,	2.6	10
188	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
187	Autoionization and ultrafast relaxation dynamics of highly excited states in N ₂ . <i>Physical Review A</i> , 2012 , 86,	2.6	25
186	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
185	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
184	A Generalized Approach to Molecular Orbital Tomography. <i>Springer Proceedings in Physics</i> , 2012 , 277-281.	0.2	

183	Ionization Gating for the Generation of Tunable XUV Radiation and Isolated Attosecond Pulses. <i>Springer Proceedings in Physics</i> , 2012 , 91-95	0.2	
182	Above-threshold ionization of diatomic molecules by few-cycle laser pulses. <i>Physical Review A</i> , 2011 , 84,	2.6	39
181	Generalized molecular orbital tomography. <i>Nature Physics</i> , 2011 , 7, 822-826	16.2	273
180	High-energy attosecond light sources. <i>Nature Photonics</i> , 2011 , 5, 655-663	33.9	225
179	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
178	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
177	Principles and Applications of Attosecond Technology. <i>Advances in Atomic, Molecular and Optical Physics</i> , 2011 , 60, 371-413	1.7	3
176	Electron localization following attosecond molecular photoionization. <i>Nature</i> , 2010 , 465, 763-6	50.4	549
175	High-energy isolated attosecond pulses generated by above-saturation few-cycle fields. <i>Nature Photonics</i> , 2010 , 4, 875-879	33.9	219
174	Temporal Gating based on Electron Wavepacket Diffusion for XUV Supercontinuum Generation 2010 ,		1
173	Attosecond electron spectroscopy using a novel interferometric pump-probe technique. <i>Physical Review Letters</i> , 2010 , 105, 053001	7.4	154
172	High-order harmonics generated by 1.5 fs parametric source. <i>Journal of Modern Optics</i> , 2010 , 57, 1008-1013	1.3	4
171	Time-duration dependence from the simultaneous measurements of iron K- and L-shell radiation from laser produced plasmas. <i>Journal of Physics: Conference Series</i> , 2010 , 244, 042004	0.3	2
170	High order harmonics driven by a self-phase-stabilized IR parametric source. <i>Laser Physics</i> , 2010 , 20, 1019-1027	1.6	16
169	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
168	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
167	Advances in laser technology for isolated attosecond pulse generation. <i>Laser Physics Letters</i> , 2009 , 6, 259-267	1.5	30
166	New frontiers in attosecond science. <i>Progress in Quantum Electronics</i> , 2009 , 33, 17-59	9.1	131

165	Generation and application of high energy, 30 fs pulses at 527 nm by hollow-fiber compression technique. <i>European Physical Journal: Special Topics</i> , 2009 , 175, 11-14	2.3	2
164	Efficient continuum generation exceeding 200 eV by intense ultrashort two-color driver. <i>Optics Letters</i> , 2009 , 34, 3125-7	3	65
163	Shaping of attosecond pulses by phase-stabilized polarization gating. <i>Physical Review A</i> , 2009 , 80,	2.6	41
162	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
161	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
160	Attosecond control of electron localization in one- and two-color dissociative ionization of H ₂ and D ₂ . <i>Springer Series in Chemical Physics</i> , 2009 , 51-53	0.3	1
159	Generation of High-order Harmonics with a Near-IR Self-phase-stabilized Parametric Source. <i>Springer Series in Chemical Physics</i> , 2009 , 6-8	0.3	
158	Transient Waveguiding in a Rotationally Excited Molecular Gas. <i>Springer Series in Chemical Physics</i> , 2009 , 84-86	0.3	
157	Sub-10-fs XUV Tunable Pulses at the Output of a Time-Delay-Compensated Monochromator. <i>Springer Series in Chemical Physics</i> , 2009 , 881-883	0.3	
156	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
155	Intense femtosecond extreme ultraviolet pulses by using a time-delay-compensated monochromator: erratum. <i>Optics Letters</i> , 2008 , 33, 140	3	5
154	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
153	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
152	Attosecond metrology in the few-optical-cycle regime. <i>New Journal of Physics</i> , 2008 , 10, 025006	2.9	19
151	Rotational Raman effects in the wake of optical filamentation. <i>Physical Review Letters</i> , 2008 , 100, 123006	6.4	74
150	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
149	High-Energy Pulse Compression Techniques. <i>Springer Series in Optical Sciences</i> , 2008 , 3-15	0.5	
148	Probing electron dynamics by ellipticity effects in molecular high harmonic generation. <i>Journal of Modern Optics</i> , 2007 , 54, 1063-1074	1.1	2

147	Rising the signal-to-noise ratio in X-ray spectra of femtosecond laser-produced plasmas using the mean-median algorithm. <i>Instruments and Experimental Techniques</i> , 2007 , 50, 764-771	0.5	1
146	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
145	High energy self-phase-stabilized pulses tunable in the near-IR by difference frequency generation and optical parametric amplification. <i>Laser and Particle Beams</i> , 2007 , 25, 471-479	0.9	2
144	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
143	Hollow-fiber compression of visible, 200 fs laser pulses to 40 fs pulse duration. <i>Optics Letters</i> , 2007 , 32, 1866-8	3	8
142	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
141	Intense femtosecond extreme ultraviolet pulses by using a time-delay-compensated monochromator. <i>Optics Letters</i> , 2007 , 32, 2897-9	3	62
140	Millijoule-level phase-stabilized few-optical-cycle infrared parametric source. <i>Optics Letters</i> , 2007 , 32, 2957-9	3	150
139	Sub 100 attosecond XUV pulses. <i>Springer Series in Chemical Physics</i> , 2007 , 3-5	0.3	
138	Tunable isolated attosecond pulses. <i>Springer Series in Chemical Physics</i> , 2007 , 18-20	0.3	
137	Quantum Interference in Aligned Molecules. <i>Springer Series in Optical Sciences</i> , 2007 , 361-366	0.5	
136	Spectral Interference of Attosecond Light Pulses. <i>Springer Series in Optical Sciences</i> , 2007 , 33-38	0.5	
135	High energy self-phase-stabilized pulses by difference frequency generation and optical parametric amplification. <i>Springer Series in Chemical Physics</i> , 2007 , 71-73	0.3	
134	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
133	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
132	Table-top soft x-ray imaging of nanometric films. <i>Applied Physics Letters</i> , 2006 , 89, 111122	3.4	12
131	Classical trajectories of molecules exposed to few-optical-cycle light pulses. <i>Physical Review A</i> , 2006 , 73,	2.6	3
130	High-order harmonic generation in alkanes. <i>Physical Review A</i> , 2006 , 73,	2.6	13

129	Molecular orbital dependence of high-order harmonic generation. <i>Journal of Modern Optics</i> , 2006 , 53, 97-111	1.1	6
128	High-order laser harmonics and synchrotron study of transition metals M2,3 edges. <i>Physical Review B</i> , 2006 , 73,	3.3	24
127	Isolated single-cycle attosecond pulses. <i>Science</i> , 2006 , 314, 443-6	33.3	1265
126	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
125	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
124	Frequency chirp of long electron quantum paths in high-order harmonic generation. <i>Optics Express</i> , 2006 , 14, 2242-9	3.3	12
123	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
122	Controlling attosecond electron dynamics by phase-stabilized polarization gating. <i>Nature Physics</i> , 2006 , 2, 319-322	16.2	315
121	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
120	Effects of Carrier-Envelope Phase of Few-Cycle Pulses on High-Order Harmonic Generation. <i>Springer Series in Chemical Physics</i> , 2006 , 133-150	0.3	
119	Measurement of harmonic phase differences by interference of attosecond light pulses. <i>Physical Review Letters</i> , 2005 , 94, 193903	7.4	28
118	Controlling two-center interference in molecular high harmonic generation. <i>Physical Review Letters</i> , 2005 , 95, 153902	7.4	299
117	Cluster effects in high-order harmonics generated by ultrashort light pulses. <i>Applied Physics Letters</i> , 2005 , 86, 111121	3.4	96
116	Wavefront Control in High Harmonics Generation with Few- and Many-optical-cycle Laser Pulses. <i>Springer Series in Chemical Physics</i> , 2005 , 207-209	0.3	
115	Optimal spectral broadening in hollow-fiber compressor systems. <i>Applied Physics B: Lasers and Optics</i> , 2005 , 80, 285-289	1.9	45
114	Phase-driven strong-field processes in the multi-optical-cycle regime. <i>Springer Series in Chemical Physics</i> , 2005 , 210-212	0.3	
113	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
112	Few-Cycle Pulses by External Compression. <i>Topics in Applied Physics</i> , 2004 , 137-178	0.5	7

111	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
110	Mirror dispersion control of a hollow fiber supercontinuum. <i>Applied Physics B: Lasers and Optics</i> , 2004 , 78, 551-555	1.9	17
109	Single-atom effects in high-order harmonic generation: role of carrier-envelope phase in the few-optical-cycle regime. <i>Applied Physics B: Lasers and Optics</i> , 2004 , 78, 873-877	1.9	2
108	Observation of carrier-envelope phase phenomena in the multi-optical-cycle regime. <i>Physical Review Letters</i> , 2004 , 92, 113904	7.4	56
107	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
106	Toward the single-cycle regime in the generation of high-order laser harmonics. <i>Laser and Particle Beams</i> , 2004 , 22, 335-339	0.9	1
105	Generation of 3.8-fs Pulses Through Adaptive Cascaded Hollow Fiber Compression. <i>Springer Series in Optical Sciences</i> , 2004 , 91-96	0.5	1
104	Absolute-Phase Effects of Few-Optical-Cycle Light Pulses in Single-Shot High Order Harmonic Spectra. <i>Springer Series in Optical Sciences</i> , 2004 , 235-240	0.5	
103	Femtosecond relaxation dynamics in dialkoxy-substituted poly-(p-phenylenevinylene) derivatives. <i>Optical Materials</i> , 2003 , 21, 325-329	3.3	1
102	Above-threshold ionization at the few-cycle limit. <i>Physical Review Letters</i> , 2003 , 91, 173003	7.4	81
101	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
100	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
99	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
98	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
97	Jitter of 3-cycle Laser Pulses from a gas-filled capillary [Single Shot SPIDER Pulse Characterization at 1 kHz. <i>Springer Series in Chemical Physics</i> , 2003 , 217-219	0.3	
96	Strong-field photoionization in the few-optical-cycle regime: the role of the absolute phase. <i>Springer Series in Chemical Physics</i> , 2003 , 11-15	0.3	
95	Few-optical-cycle regime for high-order harmonic generation: enhanced conversion and brightness. <i>Springer Series in Chemical Physics</i> , 2003 , 60-62	0.3	
94	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

93	Ultra-broadband continuum generation by hollow-fiber cascading. <i>Applied Physics B: Lasers and Optics</i> , 2002 , 75, 601-604	1.9	17
92	Ultrafast photoinduced ring-closure dynamics of a diarylethene polymer. <i>Chemical Physics Letters</i> , 2002 , 359, 278-282	2.5	31
91	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
90	Nonlinear guided propagation of few-optical-cycle laser pulses with arbitrary polarization states. <i>Physical Review A</i> , 2002 , 66,	2.6	9
89	Subpicosecond Ultrafast Investigation of Germanium Nanoparticles. <i>Physica Status Solidi (B): Basic Research</i> , 2001 , 224, 457-460	1.3	
88	Absolute-phase phenomena in photoionization with few-cycle laser pulses. <i>Nature</i> , 2001 , 414, 182-4	50.4	557
87	Intrachain charge generation and recombination in alkoxy-substituted poly-(p-phenylenevinylene) films. <i>Physical Review B</i> , 2001 , 64,	3.3	10
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.	4.9	4
84	High-Order Harmonic Generation in the Few-Optical-Cycle Regime: Spectral Characteristics and Modeling. <i>Springer Series in Chemical Physics</i> , 2001 , 290-292	0.3	
83	Gas medium ionization and harmonic wavelength tunability in high-order harmonic generation with ultrashort laser pulses. <i>Laser and Particle Beams</i> , 2000 , 18, 477-482	0.9	3
82	Population-Induced Nonlinear Optical Properties near the E1 and E1 + π Critical Points in Ge Quantum Dots. <i>Physica Status Solidi A</i> , 2000 , 178, 355-358		1
81	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
80	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
79	Spectral analysis of high-order harmonics generated by 30-fs and sub-10-fs laser pulses. <i>Applied Physics B: Lasers and Optics</i> , 2000 , 70, S215-S220	1.9	1
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