Lukas Gallmann

List of Publications by Year
in descending order

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184	5,575	76294	79644
papers	citations	40 h-index	73 g-index

188	188	188	3278
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Semiconductor saturable-absorber mirrorâ€“assisted Kerr-lens mode-locked Ti:sapphire laser producing pulses in the two-cycle regime. Optics Letters, 1999, 24, 631.	1.7	378
2	Frontiers in Ultrashort Pulse Generation: Pushing the Limits in Linear and Nonlinear Optics. Science, 1999, 286, 1507-1512.	6.0	362
3	Attosecond Science: Recent Highlights and Future Trends. Annual Review of Physical Chemistry, 2012, 63, 447-469.	4.8	258
4	Ultrafast resolution of tunneling delay time. Optica, 2014, 1, 343.	4.8	234
5	Single attosecond pulse generation in the multicycle-driver regime by adding a weak second-harmonic field. Optics Letters, 2006, 31, 975.	1.7	198
6	Attosecond dynamical Franz-Keldysh effect in polycrystalline diamond. Science, 2016, 353, 916-919.	6.0	198
7	Characterization of sub-6-fs optical pulses with spectral phase interferometry for direct electric-field reconstruction. Optics Letters, 1999, 24, 1314.	1.7	177
8	Quantum Path Interferences in High-Order Harmonic Generation. Physical Review Letters, 2008, 100, 143902.	2.9	177
9	Attosecond Electron Wave-Packet Interference Observed by Transient Absorption. Physical Review Letters, 2011, 106, 123601.	2.9	153
10	Breakdown of the Dipole Approximation in Strong-Field Ionization. Physical Review Letters, 2014, 113, 243001.	2.9	152
11	Heterodyne Mixing of Laser Fields for Temporal Gating of High-Order Harmonic Generation. Physical Review Letters, 2006, 97, 163901.	2.9	139
12	Probing Nonadiabatic Effects in Strong-Field Tunnel Ionization. Physical Review Letters, 2013, 111, 103003.	2.9	126
13	Pulse compression over a 170-THz bandwidth in the visible by use of only chirped mirrors. Optics Letters, 2001, 26, 1155.	1.7	125
14	Attosecond optical-field-enhanced carrier injection into the GaAs conduction band. Nature Physics, 2018, 14, 560-564.	6.5	123
15	Angular dependence of photoemission time delay in helium. Physical Review A, 2016, 94, .	1.0	119
16	Spatio-temporal characterization of few-cycle pulses obtained by filamentation. Optics Express, 2007, 15, 5394.	1.7	118
17	Energy-dependent photoemission delays from noble metal surfaces by attosecond interferometry. Optica, 2015, 2, 405.	4.8	116
18	Anisotropic photoemission time delays close to a Fano resonance. Nature Communications, 2018, 9, 955.	5.8	116

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19	Resonance Effects in Photoemission Time Delays. Physical Review Letters, 2015, 115, 133001.	2.9	88
20	Back-side-coated chirped mirrors with ultra-smooth broadband dispersion characteristics. Applied Physics B: Lasers and Optics, 2000, 71, 509-522.	1.1	87
21	Water window soft x-ray source enabled by a 25â€‰â€‰W few-cycle 2.2 Âµm OPCPA at 100â€‰â€‰kHz. Optica, 2020, 7, 168.	4.8	77
22	Mid-infrared pulse generation via achromatic quasi-phase-matched OPCPA. Optics Express, 2014, 22, 20798.	1.7	76
23	Spatially resolved amplitude and phase characterization of femtosecond optical pulses. Optics Letters, 2001, 26, 96.	1.7	74
24	Ultrabroadband, highly flexible amplifier for ultrashort midinfrared laser pulses based on aperiodically poled Mg:LiNbO_3. Optics Letters, 2010, 35, 2340.	1.7	73
25	Apodization of chirped quasi-phasematching devices. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 1551.	0.9	71
26	Ptychographic reconstruction of attosecond pulses. Optics Express, 2015, 23, 29502.	1.7	71
27	Techniques for the characterization of sub-10-fs optical pulses: a comparison. Applied Physics B: Lasers and Optics, 2000, 70, S67-S75.	1.1	67
28	Generating coherent broadband continuum soft-x-ray radiation by attosecond ionization gating. Optics Express, 2007, 15, 17120.	1.7	67
29	Sub-four-cycle laser pulses directly from a high-repetition-rate optical parametric chirped-pulse amplifier at 34ÂÎ¼m. Optics Letters, 2013, 38, 4265.	1.7	62
30	Combining attosecond XUV pulses with coincidence spectroscopy. Review of Scientific Instruments, 2014, 85, 103113.	0.6	62
31	Attosecond screening dynamics mediated by electron localization in transition metals. Nature Physics, 2019, 15, 1145-1149.	6.5	59
32	Versatile attosecond beamline in a two-foci configuration for simultaneous time-resolved measurements. Review of Scientific Instruments, 2014, 85, 013113.	0.6	57
33	Probing the ionization wave packet and recollision dynamics with an elliptically polarized strong laser field in the nondipole regime. Physical Review A, 2018, 97, .	1.0	55
34	Circular phase mask for control and stabilization of single optical filaments. Optics Letters, 2006, 31, 2326.	1.7	48
35	Comparison of attosecond streaking and RABBITT. Optics Express, 2016, 24, 29060.	1.7	48
36	Light-Matter Interaction at Surfaces in the Spatiotemporal Limit of Macroscopic Models. Physical Review Letters, 2015, 115, 137401.	2.9	46

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37	Theoretical and experimental analysis of quantum path interferences in high-order harmonic generation. Physical Review A, 2009, 80, .	1.0	44
38	High-repetition-rate optical parametric chirped-pulse amplifier producing 1-ÂµJ, sub-100-fs pulses in the mid-infrared. Optics Express, 2009, 17, 1340.	1.7	44
39	Delayed electron emission in strong-field driven tunnelling from a metallic nanotip in the multi-electron regime. Scientific Reports, 2016, 6, 35877.	1.6	42
40	Comparison of the filamentation and the hollow-core fiber characteristics for pulse compression into the few-cycle regime. Applied Physics B: Lasers and Optics, 2007, 86, 561-566.	1.1	41
41	75 MW few-cycle mid-infrared pulses from a collinear apodized APPLN-based OPCPA. Optics Express, 2012, 20, 26888.	1.7	41
42	Photoemission and photoionization time delays and rates. Structural Dynamics, 2017, 4, 061502.	0.9	39
43	Generation of sub-6-fs blue pulses by frequency doubling with quasi-phase-matching gratings. Optics Letters, 2001, 26, 614.	1.7	38
44	Sub-6-fs pulses from a SESAM-assisted Kerr-lens modelocked Ti:sapphire laser: at the frontiers of ultrashort pulse generation. Applied Physics B: Lasers and Optics, 2000, 70, S5-S12.	1.1	37
45	Effective mass effect in attosecond electron transport. Optica, 2017, 4, 1492.	4.8	36
46	Real-time characterization and optimal phase control of tunable visible pulses with a flexible compressor. Applied Physics B: Lasers and Optics, 2002, 74, s219-s224.	1.1	35
47	Spatial fingerprint of quantum path interferences in high order harmonic generation. Optics Express, 2010, 18, 2987.	1.7	35
48	Interplay between Coulomb-focusing and non-dipole effects in strong-field ionization with elliptical polarization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 114001.	0.6	32
49	High-power OPCPA generating 17 cycle pulses at 25 Âµm. Optics Express, 2018, 26, 26750.	1.7	32
50	Spectral Signature of Short Attosecond Pulse Trains. Physical Review Letters, 2009, 102, 083002.	2.9	29
51	Resolving intra-atomic electron dynamics with attosecond transient absorption spectroscopy. Molecular Physics, 2013, 111, 2243-2250.	0.8	28
52	Collinear type II second-harmonic-generation frequency-resolved optical gating for the characterization of sub-10-fs optical pulses. Optics Letters, 2000, 25, 269.	1.7	27
53	High-energy picosecond Nd:YVO4 slab amplifier for OPCPA pumping. Applied Physics B: Lasers and Optics, 2011, 103, 5-8.	1.1	27
54	Role of apodization in optical parametric amplifiers based on aperiodic quasi-phasematching gratings. Optics Express, 2012, 20, 18066.	1.7	27

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55	Few-optical-cycle laser pulses by OPA: broadband chirped mirror compression and SPIDER characterization. Applied Physics B: Lasers and Optics, 2002, 74, s245-s251.	1.1	26
56	A simple electron time-of-flight spectrometer for ultrafast vacuum ultraviolet photoelectron spectroscopy of liquid solutions. Review of Scientific Instruments, 2014, 85, 103117.	0.6	26
57	Role of intraband transitions in photocarrier generation. Physical Review B, 2018, 98, .	1.1	26
58	Ultrafast Relaxation Dynamics of the Ethylene Cation C₂H₄⁺. Journal of Physical Chemistry Letters, 2016, 7, 1901-1906.	2.1	23
59	High-repetition-rate femtosecond optical parametric chirped-pulse amplifier in the mid-infrared. Applied Physics B: Lasers and Optics, 2009, 96, 257-269.	1.1	22
60	Transferring the attoclock technique to velocity map imaging. Optics Express, 2013, 21, 21981.	1.7	22
61	Role of electron wavepacket interference in the optical response of helium atoms. New Journal of Physics, 2013, 15, 103010.	1.2	22
62	Ionization effects on spectral signatures of quantum-path interference in high-harmonic generation. Optics Express, 2009, 17, 5716.	1.7	21
63	Design constraints of optical parametric chirped pulse amplification based on chirped quasi-phase-matching gratings. Optics Express, 2014, 22, 9627.	1.7	19
64	Semi-classical approach to compute RABBITT traces in multi-dimensional complex field distributions. Optics Express, 2015, 23, 8867.	1.7	18
65	High-power few-cycle near-infrared OPCPA for soft X-ray generation at 100 kHz. Optics Express, 2020, 28, 40145.	1.7	17
66	Passively modelocked diode-pumped erbium-ytterbium glass laser using a semiconductor saturable absorber mirror. Electronics Letters, 1999, 35, 567.	0.5	16
67	Design of quasi-phasematching gratings via convex optimization. Optics Express, 2013, 21, 10139.	1.7	14
68	Anisotropic emission in quantum-beat spectroscopy of helium excited states. Physical Review A, 2015, 91, .	1.0	14
69	Virtual single-photon transition interrupted: Time-gated optical gain and loss. Physical Review A, 2013, 88, .	1.0	13
70	Energy-Dependent Photoemission Time Delays of Noble Gas Atoms Using Coincidence Attosecond Streaking. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 1-7.	1.9	13
71	Gouy phase shift for annular beam profiles in attosecond experiments. Optics Express, 2017, 25, 3646.	1.7	13
72	Attosecond timing of the dynamical Franzâ€“Keldysh effect. JPhys Photonics, 2020, 2, 025001.	2.2	13

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73	Multiphoton transitions for delay-zero calibration in attosecond spectroscopy. New Journal of Physics, 2015, 17, 013007.	1.2	12
74	Frequency-domain nonlinear optics in two-dimensionally patterned quasi-phase-matching media. Optics Express, 2016, 24, 15940.	1.7	12
75	Fluoride semiconductor saturable-absorber mirror for ultrashort pulse generation. Optics Letters, 2002, 27, 1845.	1.7	11
76	Revealing the time-dependent polarization of ultrashort pulses with sub-cycle resolution. Optics Express, 2014, 22, 26967.	1.7	11
77	Sub-6-fs blue pulses generated by quasi-phase-matching second-harmonic generation pulse compression. Applied Physics B: Lasers and Optics, 2002, 74, s237-s243.	1.1	10
78	Access to phases of coherent phonon excitations by femtosecond ultraviolet photoelectron diffraction. Physical Review B, 2016, 94, .	1.1	10
79	Decoupling phase-matching bandwidth and interaction geometry using non-collinear quasi-phase-matching gratings. Optics Express, 2018, 26, 6036.	1.7	10
80	Phase stabilization of an attosecond beamline combining two IR colors. Optics Express, 2019, 27, 22385.	1.7	10
81	Water-window high harmonic generation with 0.8-Âµm and 2.2-Âµm OPCPAs at 100 kHz. Optics Express, 2021, 29, 32996.	1.7	9
82	Reduction of laser-intensity-correlated noise in high-harmonic generation. Optics Express, 2019, 27, 7886.	1.7	9
83	GaAs absorber layer growth for broadband AlGaAs/fluoride SESAMs. Journal of Crystal Growth, 2001, 227-228, 172-176.	0.7	6
84	Few-Femtosecond Dynamics of Free-Free Opacity in Optically Heated Metals. Physical Review X, 2022, 12, .	2.8	6
85	Strong field transient manipulation of electronic states and bands. Structural Dynamics, 2017, 4, 061505.	0.9	5
86	Unexpected gain. Nature Physics, 2010, 6, 406-407.	6.5	4
87	The OPTEL Terminal Development Programme - Enabling Technologies for Future Optical Crosslink Applications. , 2003, , .		3
88	Ultrafast nuclear dynamics of the acetylene cation C2H2+ and its impact on the infrared probe pulse induced Câ€“H bond breaking efficiency. Physical Chemistry Chemical Physics, 2019, 21, 18380-18385.	1.3	3
89	Sensitive characterization of phase and amplitude semiconductor nonlinearities for broadband 20 fs excitation. Journal of Applied Physics, 2000, 88, 1187-1189.	1.1	2
90	Spatio-Temporal Characterization of Sub-5-fs Pulses Obtained by Filamentation. , 2007, , .		1

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91	1-µJ, Sub-100-fs pulses from a high-repetition-rate optical parametric chirped-pulse amplifier in the mid-infrared. , 2009, , .		1
92	Optical response of electron wave-packet interference revisited. , 2013, , .		1
93	Time delay anisotropy in photoelectron emission from isotropic helium. Journal of Physics: Conference Series, 2015, 635, 092089.	0.3	1
94	Photoionization Time Delay Dynamics in Noble Gase. , 2015, , .		1
95	Multiphoton Transitions for Robust Delay-Zero Calibration in Attosecond Transient Absorption. Springer Proceedings in Physics, 2015, , 83-86.	0.1	1
96	Broadband and High Power Mid-Infrared Optical Parametric Amplification via Quasi-Phase-Matching Devices. , 2018, , .		1
97	Pushing the frontiers: generation and full characterization of pulses in the two-cycle regime. , 0, , .		0
98	Pulses in the two-cycle regime from a SESAM-assisted KLM Ti:sapphire laser and sub 10-fs pulse characterization. , 0, , .		0
99	Novel semiconductor materials and saturable absorber mirrors for sub-10-fs pulse generation. , 0, , .		0
100	Pulse compression in the visible over 200-THz bandwidth using only chirped mirrors. , 2000, , .		0
101	Spatially resolved amplitude and phase characterization of ultrashort optical pulses using SPIDER. , 2000, , .		0
102	Spatially resolved full characterization of sub-10-fs pulses using SPIDER. , 0, , .		0
103	Collinear type-II SHG-FROG pulse characterization in the sub-10-fs regime. , 2000, , .		0
104	Sensitive characterization of ultrafast phase and amplitude nonlinearities for broadband semiconductor excitation. , 2000, , .		0
105	Dispersion compensation over 200 THz in the visible using only chirped mirrors in an optical parametric amplifier. , 0, , .		0
106	Generation of sub-6-fs blue pulses by QPM-SHG pulse compression. , 2001, , .		0
107	Carrier-envelope offset frequency dynamics of a modelocked Ti:sapphire laser. , 2001, , .		0
108	SPIDER characterization of sub-6-fs pulses in the visible. , 2001, , .		0

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109	Novel AlGaAs/CaF2 SESAM Device for Ultrashort Pulse Generation. Materials Research Society Symposia Proceedings, 2001, 692, 1.	0.1	0
110	New directions in sub-10-fs optical pulse generation. Comptes Rendus Physique, 2001, 2, 1389-1406.	0.1	0
111	Back-side coated chirped mirrors for dispersion compensation over one octave. , 2001, , .		0
112	Fluoride SESAM for ultrabroadband pulse generation. , 2001, , .		0
113	Carrier-envelope offset dynamics and stabilization of femtosecond lasers. , 0, , .		0
114	System concept of an integrated RF-optical transceiver for deep space TT&C. , 0, , .		0
115	Isolated attosecond pulses using multi-cycle drivers and a weak second-harmonic field. , 2006, , .		0
116	Control of optical filaments with simple phase masks and its application to few-cycle pulse generation. , 2006, , .		0
117	Spatio-Temporal and Interferometric Characterization of Sub-5-fs Pulses Obtained by Filamentation. , 2007, , .		0
118	Aperiodic Quasi-Phase-Matched Gratings for Efficient and Broadband Optical Parametric Chirped Pulse Amplification. , 2010, , .		0
119	Direct optical observation of attosecond electron wavepacket interference. , 2011, , .		0
120	50-MW, 12-ps Nd:YVO<inf>4</inf> slab amplifier for OPCPA pumping. , 2011, , .		0
121	High-power mid-infrared optical parametric chirped-pulse amplifier based on aperiodically poled Mg:LiNbO<inf>3</inf>. , 2011, , .		0
122	Tunneling time in Ultrafast science is real and probabilistic. , 2013, , .		0
123	Interrupted virtual single-photon transition. , 2013, , .		0
124	Surface RABBITT for determination of absolute ionization phase: A novel route towards absolute photoemission delays. , 2013, , .		0
125	New design opportunities for ultrafast quasi-phasematching devices. , 2013, , .		0
126	Tunneling Time in Ultrafast Science is Real and Probabilistic. , 2013, , .		0

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127	Temporal and spectral evolution of an interrupted virtual single-photon transition: creation of optical gain and loss. EPJ Web of Conferences, 2013, 41, 02024.	0.1	0
128	Ultra-Broadband Non-Collinear Quasi-Phase-Matching in a Hybrid Mid-Infrared OPCPA System. , 2014, , .		0
129	A novel technique to study energy-dependent photoemission delays in solids with attosecond resolution. , 2014, , .		0
130	Studying Momentum Distributions in all Aspects Reveals Important Insight. , 2014, , .		0
131	Following Attosecond Photoemission from Solids Using Interferometry. , 2014, , .		0
132	OPCPA Systems Based on Chirped Quasi-Phase-Matching Gratings: Physics and Design Constraints. , 2014, , .		0
133	Sub-4-Cycle Pulses Directly From an All-Collinear, High-Repetition-Rate, Mid-IR OPCPA. , 2014, , .		0
134	Combining Attosecond Science with Coincidence Momentum Spectroscopy. , 2014, , .		0
135	Theoretical analysis of attosecond quantum beat spectroscopy of helium excited states. Journal of Physics: Conference Series, 2015, 635, 092141.	0.3	0
136	Sub-cycle resolution of field-momentum transfer in non-dipole strong-field ionization. , 2017, , .		0
137	Ultra-broadband optical parametric chirped-pulse amplifier generating 9.1 W at 2.2 Î¼m. , 2017, , .		0
138	Gouy phase effects in attosecond photoemission delay measurements using truncated beams. , 2017, , .		0
139	High-Power and Sub-Two-Cycle 2.5 Î¼m Optical Parametric Chirped Pulse Amplification System. , 2019, , .		0
140	Attosecond Electron Localization and Screening Dynamics in Metals. , 2019, , .		0
141	Optically Driven Attosecond Electron Dynamics in III-V Semiconductors. , 2019, , .		0
142	Comparison of 100-kHz Near-IR and Mid-IR Driven High-Harmonic Generation in the Water Window. , 2021, , .		0
143	Comparison of 100-kHz Near-IR and Mid-IR Driven High-Harmonic Generation in the Water Window. , 2021, , .		0
144	Smooth dispersion compensation over one octave: novel chirped mirrors with suppressed dispersion oscillations. , 2000, , .		0

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145	Smooth dispersion compensation: novel chirped mirrors with suppressed dispersion oscillations. Springer Series in Chemical Physics, 2001, , 62-64.	0.2	0
146	Multi-Cycle Driven Isolated Attosecond Pulse Generation. , 2006, , .		0
147	Direct comparison of the hollow-core fiber and filamentation techniques for few-cycle pulse generation. , 2006, , .		0
148	Phase Mask Control and Stabilization of Optical Filamentation. , 2006, , .		0
149	Study of quantum-path interferences in the high harmonic generation process. Springer Series in Chemical Physics, 2009, , 27-29.	0.2	0
150	Multi-Cycle Driven Isolated Attosecond Pulse Generation. Springer Series in Chemical Physics, 2007, , 54-56.	0.2	0
151	Quantum Path Interferences in High-Harmonic Generation: Ionization Effects and Spatial Structure. , 2009, , .		0
152	Ultra-broadband optical parametric chirped-pulse amplifier based on aperiodically poled Mg:LiNbO3 in the mid-infrared. , 2010, , .		0
153	Attosecond transient absorption around the ionization threshold of helium. , 2010, , .		0
154	Ultrabroadband Optical Parametric Chirped-Pulse Amplifier in the Mid-Infrared Using Aperiodically Poled Mg:LiNbO3. , 2010, , .		0
155	Harmonic continua by chirp assisted polarization gating. , 2010, , .		0
156	Ultra-broadband optical parametric chirped-pulse amplifier based on aperiodically poled Mg:LiNbO3 in the mid-infrared at high repetition rates. , 2010, , .		0
157	High-Power Mid-Infrared Optical Parametric Chirped-Pulse Amplifier Based on Aperiodically Poled Mg:LiNbO3. , 2011, , .		0
158	Transient Absorption Spectroscopy with Attosecond Pulse Trains. , 2011, , .		0
159	50-MW, 12-ps Nd:YVO4 slab amplifier for OPCPA pumping. , 2011, , .		0
160	Electron Wavepacket Interference Observed by Attosecond Transient Absorption Spectroscopy. Springer Proceedings in Physics, 2012, , 199-201.	0.1	0
161	High repetition rate, 93-MW mid-infrared optical parametric-chirped pulse amplifier based on apodized aperiodically poled Mg:LiNbO3. , 2012, , .		0
162	New Design Opportunities for Ultrafast Devices Based On Quasi-Phasematching. , 2013, , .		0

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163	Probing Electron Wave-packet Interference. , 2013, , .		0
164	Sub-4-Cycle Laser Pulses from a High-Repetition-Rate, Mid-Infrared OPCPA at 3.4 Î¼m. , 2013, , .		0
165	Creation of Optical Gain and Absorption via a Virtual Single-photon Transition. , 2013, , .		0
166	Ultra-Broadband Mid-IR OPCPA Schemes Enabled By Quasi-Phase-Matching. , 2014, , .		0
167	Exploring characteristics of strong-field ionization dynamics in the mid-infrared regime. , 2014, , .		0
168	Multiphoton Transitions for Robust Delay-Zero Calibration in Attosecond Transient Absorption. , 2014, , .		0
169	Accessing Energy-Dependent Photoemission Delays in Solids. , 2014, , .		0
170	Quarter-Laser-Cycle Oscillations in Attosecond Transient Absorption for Robust Delay Zero Calibration. , 2014, , .		0
171	Breakdown of dipole approximation in strong field ionization. , 2014, , .		0
172	Broadband 2D-QPM Frequency Domain OPA. , 2015, , .		0
173	Non-Dipole Effects on Rescattered Photoelectrons from Strong-Field Ionization with Elliptical Polarization. , 2016, , .		0
174	Mid-Infrared OPCPA Based on Two-Dimensional Quasi-Phase-Matching Devices. , 2016, , .		0
175	Photoemission Time Delays from a Cu(111)-Surface: Validity of Macroscopic Laws for Probe-Field Effects. , 2016, , .		0
176	Non-Dipole Effects on Rescattered Photoelectrons from Strong-Field Ionization with Elliptical Polarization. , 2016, , .		0
177	Direct Observation of a Sub-Femtosecond Optical Response in the Diamond Conduction Band. , 2016, , .		0
178	New Insights into Ultrafast Relaxation Dynamics of the Ethylene Cation C _2H _4 ^+. , 2016, , .		0
179	Observation of Femtosecond Dynamical Franz-Keldysh Effect in Polycrystalline Diamond. , 2016, , .		0
180	Gouy Phase Shift for Annularly Truncated Beam Profiles in Attosecond Pump-Probe Measurements. , 2017, , .		0

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181	Broadband Phase-Matching Using Tilted Quasi-Phase-Matching Gratings. , 2018, , .		0
182	High-Average-Power Few-Cycle Pulses at 2.5 Î¼m. , 2018, , .		0
183	Reduction of Laser-Intensity-Correlated Noise in High-Harmonic Generation. , 2019, , .		0
184	Sub-Two-Cycle High-Average-Power Pulses at 2.5 Âµm. , 2019, , .		0