

# Ursula Keller

## List of Publications by Year in descending order

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981  
papers

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citations

2423

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5364

164  
g-index

994  
all docs

994  
docs citations

994  
times ranked

10521  
citing authors

#	ARTICLE	IF	CITATIONS
1	Absolute SESAM characterization via polarization-resolved non-collinear equivalent time sampling. Applied Physics B: Lasers and Optics, 2022, 128, 24.	1.1	6
2	Timing jitter characterization of free-running dual-comb laser with sub-attosecond resolution using optical heterodyne detection. Optics Express, 2022, 30, 5075.	1.7	16
3	High-power low-noise 2-GHz femtosecond laser oscillator at 2.4 $\mu\text{m}$ . Optics Express, 2022, 30, 5019.	1.7	12
4	Isolating Attosecond Electron Dynamics in Molecules where Nuclei Move Fast. Physical Review Letters, 2022, 128, 063001.	2.9	15
5	324-fs Pulses From a SESAM Modelocked Backside-Cooled 2.4 $\mu\text{m}$ VECSEL. IEEE Photonics Technology Letters, 2022, 34, 337-340.	1.3	12
6	Dual-comb optical parametric oscillator in the mid-infrared based on a single free-running cavity. Optics Express, 2022, 30, 19904.	1.7	17
7	Bandgap engineering, monolithic growth, and operation parameters of GaSb-based SESAMs in the 2.4 $\mu\text{m}$ range. Optical Materials Express, 2022, 12, 2382.	1.6	11
8	Few-Femtosecond Dynamics of Free-Free Opacity in Optically Heated Metals. Physical Review X, 2022, 12, .	2.8	6
9	Spatially multiplexed single-cavity dual-comb laser. Optica, 2022, 9, 713.	4.8	37
10	SESAMs for High-Power Ho-Doped Lasers at 2.1 $\mu\text{m}$ . , 2022, , .		0
11	Absolute laser ranging with sub- $\mu\text{m}$ resolution from a free-running dual-comb Yb:CaF <sub>2</sub> laser. , 2021, , .		0
12	High-Peak Power Polarization-Multiplexed Yb:CaF <sub>2</sub> Dual-Comb Solid-State Laser with 100-fs Pulse Duration. , 2021, , .		0
13	Silicate Bonding of Sapphire to SESAMs: SESAMs with Tunable Thermal Lensing for High-Power Lasers. , 2021, , .		0
14	Full optical SESAM characterization methods in the 1.9 to 3- $\mu\text{m}$ wavelength regime. Optics Express, 2021, 29, 6647.	1.7	22
15	Watt-level and sub-100-fs self-starting mode-locked 2.4- $\mu\text{m}$ Cr:ZnS oscillator enabled by GaSb-SESAMs. Optics Express, 2021, 29, 5934.	1.7	21
16	Towards the complete phase profiling of attosecond wave packets. Physical Review Research, 2021, 3, .	1.3	7
17	High-speed quantum cascade detector characterized with a mid-infrared femtosecond oscillator. Optics Express, 2021, 29, 5774.	1.7	34
18	High-speed interband cascade infrared photodetectors: photo-response saturation by a femtosecond oscillator. Optics Express, 2021, 29, 14087.	1.7	5

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19	Silicate bonding of sapphire to SESAMs: adjustable thermal lensing for high-power lasers. Optics Express, 2021, 29, 18059.	1.7	9
20	Ionization in intense laser fields beyond the electric dipole approximation: concepts, methods, achievements and future directions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 094001.	0.6	25
21	Gain characterization of 2- $\mu\text{m}$ GaSb VECSELs. , 2021, , .		0
22	High-Peak Power Single-Cavity Dual-Comb Solid-State Laser with 100-fs Pulse Duration. , 2021, , .		0
23	Single-Mode Laser Diode Pumped Yb:CaF <sub>2</sub> Dual-Comb Oscillator. , 2021, , .		0
24	1-Watt SESAM-Modelocked fs-Cr:ZnS Oscillator at 2.4 $\mu\text{m}$ . , 2021, , .		0
25	Comparison of 100-kHz Near-IR and Mid-IR Driven High-Harmonic Generation in the Water Window. , 2021, , .		0
26	Tunable Thermal Lensing Enabled by Silicate Bonding of Sapphire to SESAMs: Novel Devices for High-Power Lasers. , 2021, , .		0
27	Gigahertz Mid-Infrared Interband Cascade Detectors: Photo-Response Saturation by a Femtosecond Oscillator. , 2021, , .		0
28	40 W SESAM-modelocked Ho:YAG thin-disk laser at 2090 nm. , 2021, , .		0
29	Dual-comb ranging with frequency combs from single cavity free-running laser oscillators. Optics Express, 2021, 29, 24910.	1.7	28
30	Water-window high harmonic generation with 0.8- $\mu\text{m}$ and 2.2- $\mu\text{m}$ OPCPAs at 100 kHz. Optics Express, 2021, 29, 32996.	1.7	9
31	Full Mid-Infrared Characterization of InGaSb SESAMs. , 2021, , .		0
32	Single-Cavity Dual-Comb Yb:CaF <sub>2</sub> Laser Pumped by a Single-Mode Laser Diode. , 2021, , .		0
33	Comparison of 100-kHz Near-IR and Mid-IR Driven High-Harmonic Generation in the Water Window. , 2021, , .		0
34	Complete SESAM Characterization via Equivalent Time Sampling Using a Free-Running Dual-Comb Laser. , 2021, , .		1
35	Two Gigahertz Femtosecond Cr:ZnS Oscillator at 2.4 $\mu\text{m}$ with 0.8-W Average Output Power. , 2021, , .		0
36	Carrier-envelope offset frequency dynamics of a 10-GHz modelocked laser based on cascaded quadratic nonlinearities. Optics Express, 2021, 29, 36915.	1.7	0

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37	Picosecond ultrasonics with a free-running dual-comb laser. Optics Express, 2021, 29, 35735.	1.7	22
38	51-W average power, 169-fs pulses from an ultrafast non-collinear optical parametric oscillator. Optics Express, 2021, 29, 36321.	1.7	5
39	High average output power from a backside-cooled 2- $\mu\text{m}$ InGaSb VECSEL with full gain characterization. Optics Express, 2021, 29, 40360.	1.7	12
40	High-Power SESAM-modelocked Ho:YAG laser at 2090 nm. , 2021, , .		0
41	Precise mid-infrared characterization of InGaSb/GaSb SESAMs. , 2021, , .		0
42	Mid-infrared type-I InGaSb/GaSb quantum well SESAM. , 2021, , .		0
43	Attosecond timing of the dynamical Franz-Keldysh effect. JPhys Photonics, 2020, 2, 025001.	2.2	13
44	Complete phase retrieval of photoelectron wavepackets. New Journal of Physics, 2020, 22, 053028.	1.2	4
45	Performance scaling of a 10-GHz solid-state laser enabling self-referenced CEO frequency detection without amplification. Optics Express, 2020, 28, 12755.	1.7	19
46	Attosecond resolution from free running interferometric measurements. Optics Express, 2020, 28, 12862.	1.7	5
47	Femtosecond dual-comb Yb:CaF <sub>2</sub> laser from a single free-running polarization-multiplexed cavity for optical sampling applications. Optics Express, 2020, 28, 30275.	1.7	53
48	High-power few-cycle near-infrared OPCPA for soft X-ray generation at 100 kHz. Optics Express, 2020, 28, 40145.	1.7	17
49	Time delays from one-photon transitions in the continuum. Optica, 2020, 7, 154.	4.8	57
50	Water window soft x-ray source enabled by a 25-W few-cycle 2.2 $\mu\text{m}$ OPCPA at 100 kHz. Optica, 2020, 7, 168.	4.8	77
51	High-power picosecond deep-UV source via group velocity matched frequency conversion. Optica, 2020, 7, 485.	4.8	19
52	High-order phase measurements of attosecond wave packets. , 2020, , .		0
53	Temperature resistant fast In <sub>x</sub> Ga <sub>1-x</sub> As / GaAs quantum dot saturable absorber for the epitaxial integration into semiconductor surface emitting lasers. Optics Express, 2020, 28, 20954.	1.7	6
54	Self-Referenced CEO Frequency Detection of a 10-GHz Laser Enabled by Highly Efficient Nonlinear Waveguides. , 2020, , .		0

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55	Time delays from one-photon transitions in the continuum. , 2020, , .		0
56	Time delays from one-photon transitions in the continuum. , 2020, , .		0
57	Femtosecond dual-comb Yb:CaF <sub>2</sub> laser from a free-running polarization-multiplexed cavity for rapid optical sampling. , 2020, , .		0
58	Attosecond resolution from free running interferometric measurements. , 2020, , .		0
59	Attosecond screening dynamics mediated by electron localization in transition metals. Nature Physics, 2019, 15, 1145-1149.	6.5	59
60	A Single Free-Running Dual-Comb MIXSEL for Fast and Precise Distance Measurements. , 2019, , .		0
61	High-Power and Sub-Two-Cycle 2.5 $\mu$ m Optical Parametric Chirped Pulse Amplification System. , 2019, , .		0
62	Dual-Comb Spectroscopy of Acetylene with a Single, Free-Running MIXSEL Generating two Frequency Combs. , 2019, , .		0
63	Overcoming the Challenges in Power Scaling Ultrafast Thin-Disk Oscillators: Nonlinearity Management and Thermal Effects. , 2019, , .		0
64	Power-Scaling Nonlinear-Mirror Modelocked Thin-Disk Lasers. , 2019, , .		0
65	350-W Average-Power SESAM-Modelocked Ultrafast Thin-Disk Laser. , 2019, , .		2
66	Towards Fully Stabilized 10GHz Optical Frequency Combs from SESAM-Modelocked Yb:CALGO Lasers. , 2019, , .		0
67	Coupled nuclear-electronic dynamics in photoionization of H <sub>2</sub> . EPJ Web of Conferences, 2019, 205, 06004.	0.1	0
68	Orientation-dependent stereo Wigner time delay and electron localization in a small molecule. EPJ Web of Conferences, 2019, 205, 06008.	0.1	0
69	Ultrafast nuclear dynamics of the acetylene cation C <sub>2</sub> H <sub>2</sub> <sup>+</sup> and its impact on the infrared probe pulse induced C-H bond breaking efficiency. Physical Chemistry Chemical Physics, 2019, 21, 18380-18385.	1.3	3
70	Holographic interferences in strong-field ionization beyond the dipole approximation: The influence of the peak and focal-volume-averaged laser intensities. Physical Review A, 2019, 100, .	1.0	19
71	Attoclock revisited on electron tunnelling time. Journal of Modern Optics, 2019, 66, 1052-1070.	0.6	55
72	Efficient 2-W Average Power 206 nm Deep-Ultraviolet Generation from 100-kHz Picosecond Pulses. , 2019, , .		0

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73	Attosecond Electron Localization and Screening Dynamics in Metals. , 2019, , .		0
74	Optically Driven Attosecond Electron Dynamics in III-V Semiconductors. , 2019, , .		0
75	Sub-cycle time resolution of multi-photon momentum transfer in strong-field ionization. Nature Communications, 2019, 10, 5548.	5.8	40
76	Efficient 2-W Average Power 206 nm Deep-UV Generation from 100-kHz Picosecond Pulses. , 2019, , .		2
77	Programmable pulse shaping for time-gated amplifiers. Optics Express, 2019, 27, 175.	1.7	12
78	Tightly locked optical frequency comb from a semiconductor disk laser. Optics Express, 2019, 27, 1786.	1.7	28
79	An unstabilized femtosecond semiconductor laser for dual-comb spectroscopy of acetylene. Optics Express, 2019, 27, 3190.	1.7	31
80	Reduction of laser-intensity-correlated noise in high-harmonic generation. Optics Express, 2019, 27, 7886.	1.7	9
81	Phase stabilization of an attosecond beamline combining two IR colors. Optics Express, 2019, 27, 22385.	1.7	10
82	Power scaling of ultrafast oscillators: 350-W average-power sub-picosecond thin-disk laser. Optics Express, 2019, 27, 31465.	1.7	55
83	Power-scaling of nonlinear-mirror modelocked thin-disk lasers. Optics Express, 2019, 27, 37349.	1.7	7
84	Sub-150-fs pulses from an optically pumped broadband modelocked integrated external-cavity surface emitting laser. Optics Letters, 2019, 44, 25.	1.7	11
85	Power scaling of few-cycle PPLN-based mid-IR OPCPA. , 2019, , .		0
86	Reduction of Laser-Intensity-Correlated Noise in High-Harmonic Generation. , 2019, , .		0
87	Recent advances in SESAM-modelocked high-power thin disk lasers. , 2019, , .		0
88	Power Scaling of Ultrafast Laser Oscillators: 350-W Output Power Sub-ps SESAM-Modelocked Thin-Disk Laser. , 2019, , .		0
89	Few-cycle near-IR OPCPA system with 22 W average power and 100 kHz repetition rate. , 2019, , .		0
90	Beam quality in high-power thin-disk lasers: influence and measurement of the radial inversion profile. , 2019, , .		0

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91	Sub-Two-Cycle High-Average-Power Pulses at 2.5 $\mu\text{m}$ . , 2019, , .		0
92	Soliton-Modelocked Thin-Disk Laser Oscillator with 350 W Average Power and Sub-ps Pulses. , 2019, , .		0
93	Femtosecond dual-comb MIXSEL. , 2019, , .		0
94	Calibration of high-accuracy spectrometers using stabilized 11-GHz femtosecond semiconductor laser. Optics Express, 2019, 27, 37552.	1.7	2
95	Anisotropic photoemission time delays close to a Fano resonance. Nature Communications, 2018, 9, 955.	5.8	116
96	High-Power Sub-300-Femtosecond Quantum Dot Semiconductor Disk Lasers. IEEE Photonics Technology Letters, 2018, 30, 525-528.	1.3	7
97	Attosecond coupled electron and nuclear dynamics in dissociative ionization of H <sub>2</sub> . Nature Physics, 2018, 14, 733-738.	6.5	102
98	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
99	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
100	Attosecond optical-field-enhanced carrier injection into the GaAs conduction band. Nature Physics, 2018, 14, 560-564.	6.5	123
101	Mode-locking Instabilities for High-Gain Semiconductor Disk Lasers Based on Active Submonolayer Quantum Dots. Physical Review Applied, 2018, 10, .	1.5	19
102	Role of intraband transitions in photocarrier generation. Physical Review B, 2018, 98, .	1.1	26
103	Decoupling phase-matching bandwidth and interaction geometry using non-collinear quasi-phase-matching gratings. Optics Express, 2018, 26, 6036.	1.7	10
104	Gas-lens effect in kW-class thin-disk lasers. Optics Express, 2018, 26, 12648.	1.7	29
105	Disentangling Long Trajectory Contributions in Two-Colour High Harmonic Generation. Applied Sciences (Switzerland), 2018, 8, 341.	1.3	7
106	Orientation-dependent stereo Wigner time delay and electron localization in a small molecule. Science, 2018, 360, 1326-1330.	6.0	143
107	Dual-Comb Spectroscopy with one unstabilized semiconductor laser. , 2018, , .		1
108	Multipulse instabilities of a femtosecond SESAM-modelocked VECSEL. Optics Express, 2018, 26, 21872.	1.7	15

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109	High-power OPCPA generating 17 cycle pulses at 25 Åµm. Optics Express, 2018, 26, 26750.	1.7	32
110	Self-phase modulation cancellation in a high-power ultrafast thin-disk laser oscillator. Optica, 2018, 5, 1603.	4.8	23
111	Wavelength calibration of high-performance spectrometers with a stabilized optical comb from an ultrafast semiconductor disk laser. , 2018, , .		0
112	Adiabatic QPM processes and frequency comb generation. , 2018, , .		0
113	Broadband Phase-Matching Using Tilted Quasi-Phase-Matching Gratings. , 2018, , .		0
114	Fully Stabilized Optical Frequency Comb from a Semiconductor Disk Laser. , 2018, , .		0
115	High-Average-Power Few-Cycle Pulses at 2.5 Î¼m. , 2018, , .		0
116	Extreme Ultraviolet Light Source by High-Harmonic Generation Inside an Ultrafast Thin-Disk Laser. , 2018, , .		0
117	Overcoming the Q-Switching Limitation in High Repetition-Rate Straight-Cavity SESAM-Modelocked Lasers. , 2018, , .		0
118	Quantum Dot Semiconductor Disk Lasers: Record Performance Depending on Growth Techniques. , 2018, , .		0
119	Pushing integrated semiconductor disk lasers towards 100-fs pulses. , 2018, , .		0
120	Silicon nitride waveguide enables self-referenced frequency comb from a semiconductor disk laser. , 2018, , .		1
121	Carrier-envelope offset frequency stabilization of an ultrafast semiconductor laser. , 2018, , .		0
122	Optical frequency comb stabilization of a gigahertz semiconductor disk laser. , 2018, , .		0
123	Optimizing the noise characteristics of high-power fiber laser systems. , 2017, , .		3
124	Dual-comb spectroscopy of water vapor with a free-running semiconductor disk laser. Science, 2017, 356, 1164-1168.	6.0	176
125	Photoemission and photoionization time delays and rates. Structural Dynamics, 2017, 4, 061502.	0.9	39
126	Watt-level 10-gigahertz solid-state laser enabled by self-defocusing nonlinearities in an aperiodically poled crystal. Nature Communications, 2017, 8, 1673.	5.8	58



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127	Opto-optical modulator for CEO control and stabilization in an Yb:CALGO GHz diode-pumped solid-state laser. , 2017, , .		0
128	Peak-power scaling of femtosecond SESAM-modelocked Yb:Lu<math>_{2}</math>O<math>_{3}</math> thin-disk lasers. , 2017, , .		0
129	Strong field transient manipulation of electronic states and bands. Structural Dynamics, 2017, 4, 061505.	0.9	5
130	Nonadiabatic effects in electronic and nuclear dynamics. Structural Dynamics, 2017, 4, 061510.	0.9	31
131	Charge migration and charge transfer in molecular systems. Structural Dynamics, 2017, 4, 061508.	0.9	146
132	The impact of the fiber design on the RIN characteristics of high-power fiber laser systems. , 2017, , .		0
133	Preface to Swiss National Center of Competence in Research: Molecular Ultrafast Science and Technology. Structural Dynamics, 2017, 4, 061401.	0.9	0
134	Attoclock revisited on quantum tunneling time. , 2017, , .		0
135	Gas spectroscopy with a free-running dual-comb semiconductor disk laser. , 2017, , .		0
136	High-power semiconductor disk lasers with record-short pulse durations. , 2017, , .		0
137	Towards self-referencing of a VECSEL frequency comb. , 2017, , .		0
138	Fully-stabilized 1-GHz optical frequency comb from a diode-pumped solid-state laser. , 2017, , .		0
139	Dual-comb spectroscopy with a semiconductor disk laser: Towards industrial applications. , 2017, , .		0
140	Dual-comb Spectroscopy with One Unstabilized Semiconductor Laser. , 2017, , .		0
141	Multiphoton in vivo imaging with a femtosecond semiconductor disk laser. Biomedical Optics Express, 2017, 8, 3213.	1.5	45
142	High-power Yb:GGG thin-disk laser oscillator: first demonstration and power-scaling prospects. Optics Express, 2017, 25, 1452.	1.7	9
143	Optical efficiency and gain dynamics of modelocked semiconductor disk lasers. Optics Express, 2017, 25, 6402.	1.7	35
144	High-power amplification of a femtosecond vertical external-cavity surface-emitting laser in an Yb:YAG waveguide. Optics Express, 2017, 25, 16527.	1.7	9

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145	Coherent beam combining and noise analysis of a colliding pulse modelocked VECSEL. Optics Express, 2017, 25, 19281.	1.7	7
146	Full stabilization and characterization of an optical frequency comb from a diode-pumped solid-state laser with GHz repetition rate. Optics Express, 2017, 25, 20437.	1.7	33
147	Peak-power scaling of femtosecond Yb:Lu <sub>2</sub> O <sub>3</sub> thin-disk lasers. Optics Express, 2017, 25, 22519.	1.7	18
148	Effective mass effect in attosecond electron transport. Optica, 2017, 4, 1492.	4.8	36
149	Gouy phase shift for annular beam profiles in attosecond experiments. Optics Express, 2017, 25, 3646.	1.7	13
150	Modelocking of a thin-disk laser with the frequency-doubling nonlinear-mirror technique. Optics Express, 2017, 25, 23254.	1.7	22
151	Extreme ultraviolet light source at a megahertz repetition rate based on high-harmonic generation inside a mode-locked thin-disk laser oscillator. Optics Letters, 2017, 42, 5170.	1.7	39
152	Carrier-envelope offset frequency stabilization of a gigahertz semiconductor disk laser. Optica, 2017, 4, 1482.	4.8	25
153	Self-referenced CEO Frequency Detection of a Semiconductor Disk Laser using a Silicon Nitride Waveguide. , 2017, , .		1
154	Ultrafast Semiconductor Disk Lasers. , 2017, , .		0
155	Carrier dynamics of ultrafast semiconductor disk lasers. , 2017, , .		0
156	10-GHz straight-cavity SESAM-modelocked Yb:CALGO laser enabled by cascading of second-order nonlinearities. , 2017, , .		0
157	Ultrafast dynamics of semiconductor disk lasers. , 2017, , .		0
158	Sub-cycle resolution of field-momentum transfer in non-dipole strong-field ionization. , 2017, , .		0
159	Gouy phase effects in attosecond photoemission delay measurements using truncated beams. , 2017, , .		0
160	Carrier-envelope offset frequency stabilization of a mode-locked semiconductor laser. , 2017, , .		0
161	Gouy Phase Shift for Annularly Truncated Beam Profiles in Attosecond Pump-Probe Measurements. , 2017, , .		0
162	Compact megahertz coherent XUV generation by HHG inside an ultrafast thin-disk laser. , 2017, , .		1

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163	10-GHz straight-cavity SESAM-modelocked Yb:CALGO laser operating in the normal dispersion regime. , 2017, , .		0
164	Ultrafast semiconductor disk lasers for in vivo multiphoton imaging. , 2017, , .		0
165	Opto-Optical Modulation for Carrier-Envelope-Offset Stabilization in a GHz Diode-Pumped Solid-State Laser. , 2017, , .		0
166	SESAM-Modelocked Thin-Disk Laser (TDL) with Intracavity High-Harmonic Generation (HHG). , 2017, , .		0
167	Free-Running Dual-comb MIXSEL used for Dual-Comb Spectroscopy. , 2017, , .		0
168	Coherent Beam Combining of a Colliding Pulse Modelocked VECSEL. , 2017, , .		0
169	Fully-Stabilized Optical Frequency Comb from a Diode-Pumped Solid-State Laser with GHz Repetition Rate. , 2017, , .		1
170	High Harmonic Generation (HHG) inside a Modelocked Thin-Disk Laser. , 2017, , .		1
171	Gas spectroscopy with a dual-comb semiconductor disk laser. , 2017, , .		1
172	Attosecond dynamics without dipole approximation. , 2017, , .		0
173	Frequency-domain nonlinear optics in two-dimensionally patterned quasi-phase-matching media. Optics Express, 2016, 24, 15940.	1.7	12
174	Improved SESAMs for femtosecond pulse generation approaching the kW average power regime. Optics Express, 2016, 24, 27587.	1.7	20
175	Comparison of attosecond streaking and RABBITT. Optics Express, 2016, 24, 29060.	1.7	48
176	Angular dependence of photoemission time delay in helium. Physical Review A, 2016, 94, .	1.0	119
177	Gigahertz dual-comb modelocked diode-pumped semiconductor and solid-state lasers. , 2016, , .		1
178	Trends in high-power ultrafast lasers. Proceedings of SPIE, 2016, , .	0.8	2
179	Pulse shortening of an ultrafast VECSEL. , 2016, , .		3
180	Recent progress in high power ultrafast MIXSELS. , 2016, , .		3

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181	10-ns pulse repetition rate Er:Yb:glass laser modelocked with quantum dot semiconductor saturable absorber mirror. Applied Optics, 2016, 55, 3776.	2.1	12
182	Ultrafast Relaxation Dynamics of the Ethylene Cation $C_2H_4^+$ . Journal of Physical Chemistry Letters, 2016, 7, 1901-1906.	2.1	23
183	Optimized SESAMs for kilowatt-level ultrafast lasers. Optics Express, 2016, 24, 10512.	1.7	44
184	High-power 100-fs semiconductor disk lasers. Optica, 2016, 3, 844.	4.8	105
185	Attosecond dynamical Franz-Keldysh effect in polycrystalline diamond. Science, 2016, 353, 916-919.	6.0	198
186	Gigahertz frequency comb offset stabilization based on supercontinuum generation in silicon nitride waveguides. Optics Express, 2016, 24, 11043.	1.7	88
187	Access to phases of coherent phonon excitations by femtosecond ultraviolet photoelectron diffraction. Physical Review B, 2016, 94, .	1.1	10
188	Offset-Free Gigahertz Midinfrared Frequency Comb Based on Optical Parametric Amplification in a Periodically Poled Lithium Niobate Waveguide. Physical Review Applied, 2016, 6, .	1.5	38
189	First investigation of the noise and modulation properties of the carrier-envelope offset in a modelocked semiconductor laser. Optics Letters, 2016, 41, 3165.	1.7	15
190	Dual-comb modelocked lasers: semiconductor saturable absorber mirror decouples noise stabilization. Optics Express, 2016, 24, 1889.	1.7	34
191	High-power 100-fs SESAM-modelocked VECSEL. , 2016, , .		2
192	SESAMs for high-power lasers. , 2016, , .		4
193	Asymmetric Wigner time delay in CO photoionization. , 2016, , .		1
194	Saturable Absorber Decouples Noise Stabilization in Dual-Comb Modelocked Lasers. , 2016, , .		0
195	Non-Dipole Effects on Rescattered Photoelectrons from Strong-Field Ionization with Elliptical Polarization. , 2016, , .		0
196	Yb:GGG thin-disk oscillator with high power continuous wave operation. , 2016, , .		0
197	1-GHz Mid-Infrared Frequency Comb Based on PPLN-Waveguide Optical Parametric Amplification. , 2016, , .		0
198	Compact Low-Noise Frequency Combs: Microchip or Photonic Crystal Fiber?. , 2016, , .		0

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199	Mid-Infrared OPCPA Based on Two-Dimensional Quasi-Phase-Matching Devices. , 2016, , .		0
200	First Investigation of the Noise and Modulation Properties of the Carrier Envelope Offset Frequency in a Modelocked Semiconductor Laser. , 2016, , .		0
201	Table-Top Megahertz XUV Source Driven by High-Power Modelocked Thin-Disk Laser. , 2016, , .		0
202	Photoemission Time Delays from a Cu(111)-Surface: Validity of Macroscopic Laws for Probe-Field Effects. , 2016, , .		0
203	Non-Dipole Effects on Rescattered Photoelectrons from Strong-Field Ionization with Elliptical Polarization. , 2016, , .		0
204	Stabilized Microwave Frequency Comb from a Dual-Comb Modelocked Semiconductor Disk Laser. , 2016, , .		0
205	Direct Observation of a Sub-Femtosecond Optical Response in the Diamond Conduction Band. , 2016, , .		0
206	Thin-Disk-Laser-Driven High-Harmonic Generation at Megahertz Repetition Rate. , 2016, , .		0
207	1-GHz Offset-Free Frequency Comb in the Mid-Infrared. , 2016, , .		0
208	Observation of Femtosecond Dynamical Franz-Keldysh Effect in Polycrystalline Diamond. , 2016, , .		0
209	Amplitude Noise Reduction in Yb-doped Fiber Amplifiers. , 2016, , .		0
210	High-Power Modelocked Yb:Lu2O3 Thin-Disk Laser with 10-MW sub-500 fs Pulses. , 2016, , .		0
211	Compact extreme ultraviolet source at megahertz pulse repetition rate with a low-noise ultrafast thin-disk laser oscillator. Optica, 2015, 2, 980.	4.8	86
212	The Future is Ultrafast. Laser Technik Journal, 2015, 12, 1-1.	0.4	0
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