Ursula Keller

List of Publications by Year
in descending order

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		2423	5364
981	36,595	97	164
papers	citations	h-index	g-index

994	994	994	10521
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent developments in compact ultrafast lasers. Nature, 2003, 424, 831-838.	13.7	1,840
2	Semiconductor saturable absorber mirrors (SESAM's) for femtosecond to nanosecond pulse generation in solid-state lasers. IEEE Journal of Selected Topics in Quantum Electronics, 1996, 2, 435-453.	1.9	1,676
3	Q-switching stability limits of continuous-wave passive mode locking. Journal of the Optical Society of America B: Optical Physics, 1999, 16, 46.	0.9	768
4	Carrier-envelope offset phase control: A novel concept for absolute optical frequency measurement and ultrashort pulse generation. Applied Physics B: Lasers and Optics, 1999, 69, 327-332.	1.1	765
5	Attosecond Ionization and Tunneling Delay Time Measurements in Helium. Science, 2008, 322, 1525-1529.	6.0	725
6	Solid-state low-loss intracavity saturable absorber for Nd:YLF lasers: an antiresonant semiconductor Fabryâ€“Perot saturable absorber. Optics Letters, 1992, 17, 505.	1.7	624
7	Generation of intense, carrier-envelope phase-locked few-cycle laser pulses through filamentation. Applied Physics B: Lasers and Optics, 2004, 79, 673-677.	1.1	581
8	Attosecond angular streaking. Nature Physics, 2008, 4, 565-570.	6.5	410
9	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
10	Frontiers in Ultrashort Pulse Generation: Pushing the Limits in Linear and Nonlinear Optics. Science, 1999, 286, 1507-1512.	6.0	362
11	Passively modelocked surface-emitting semiconductor lasers. Physics Reports, 2006, 429, 67-120.	10.3	351
12	Attoclock reveals natural coordinates of the laser-induced tunnelling current flow in atoms. Nature Physics, 2012, 8, 76-80.	6.5	330
13	Soliton mode-locking with saturable absorbers. IEEE Journal of Selected Topics in Quantum Electronics, 1996, 2, 540-556.	1.9	322
14	Experimentally confirmed design guidelines for passively Q-switched microchip lasers using semiconductor saturable absorbers. Journal of the Optical Society of America B: Optical Physics, 1999, 16, 376.	0.9	307
15	Mode-locking with slow and fast saturable absorbers-what's the difference?. IEEE Journal of Selected Topics in Quantum Electronics, 1998, 4, 159-168.	1.9	298
16	Design and fabrication of double-chirped mirrors. Optics Letters, 1997, 22, 831.	1.7	258
17	Attosecond Science: Recent Highlights and Future Trends. Annual Review of Physical Chemistry, 2012, 63, 447-469.	4.8	258
18	Stabilization of solitonlike pulses with a slow saturable absorber. Optics Letters, 1995, 20, 16.	1.7	256

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19	Ultrafast ytterbium-doped bulk lasers and laser amplifiers. Applied Physics B: Lasers and Optics, 1999, 69, 3-17.	1.1	244
20	Passive mode locking with slow saturable absorbers. Applied Physics B: Lasers and Optics, 2001, 73, 653-662.	1.1	235
21	Ultrafast resolution of tunneling delay time. Optica, 2014, 1, 343.	4.8	234
22	Optical characterization of semiconductor saturable absorbers. Applied Physics B: Lasers and Optics, 2004, 79, 331-339.	1.1	232
23	Attosecond science and the tunnelling time problem. Physics Reports, 2015, 547, 1-24.	10.3	228
24	Passively Q-switched 01-mJ fiber laser system at 153 ?m. Optics Letters, 1999, 24, 388.	1.7	225
25	What will it take to observe processes in 'real time'?. Nature Photonics, 2014, 8, 162-166.	15.6	220
26	60-W average power in 810-fs pulses from a thin-disk Yb:YAG laser. Optics Letters, 2003, 28, 367.	1.7	218
27	Generation of 38-fs pulses from adaptive compression of a cascaded hollow fiber supercontinuum. Optics Letters, 2003, 28, 1987.	1.7	217
28	Diode-pumped femtosecond Yb:KGd(WO_4)_2 laser with 11-W average power. Optics Letters, 2000, 25, 1119.	1.7	213
29	240-fs pulses with 22-W average power from a mode-locked thin-disk Yb:KY(WO_4)_2 laser. Optics Letters, 2002, 27, 1162.	1.7	200
30	Attosecond dynamical Franz-Keldysh effect in polycrystalline diamond. Science, 2016, 353, 916-919.	6.0	198
31	Ultrafast solid-state laser oscillators: a success story for the last 20Âyears with no end in sight. Applied Physics B: Lasers and Optics, 2010, 100, 15-28.	1.1	197
32	Timing the release in sequential double ionization. Nature Physics, 2011, 7, 428-433.	6.5	192
33	Passively mode-locked diode-pumped surface-emitting semiconductor laser. IEEE Photonics Technology Letters, 2000, 12, 1135-1137.	1.3	191
34	275 W average output power from a femtosecond thin disk oscillator operated in a vacuum environment. Optics Express, 2012, 20, 23535.	1.7	191
35	Mid-infrared difference-frequency generation of ultrashort pulses tunable between 32 and 48 Î¼m from a compact fiber source. Optics Letters, 2007, 32, 1138.	1.7	189
36	162-W average power from a diode-pumped femtosecond Yb:YAG thin disk laser. Optics Letters, 2000, 25, 859.	1.7	188

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37	Self-starting 65-fs pulses from a Ti:sapphire laser. Optics Letters, 1997, 22, 1009.	1.7	185
38	Femtosecond laser oscillators for high-field science. Nature Photonics, 2008, 2, 599-604.	15.6	185
39	Femtosecond pulses from a continuously self-starting passively mode-locked Ti:sapphire laser. Optics Letters, 1991, 16, 1022.	1.7	179
40	Characterization of sub-6-fs optical pulses with spectral phase interferometry for direct electric-field reconstruction. Optics Letters, 1999, 24, 1314.	1.7	177
41	Pulse self-compression to the single-cycle limit by filamentation in a gas with a pressure gradient. Optics Letters, 2005, 30, 2657.	1.7	177
42	Quantum Path Interferences in High-Order Harmonic Generation. Physical Review Letters, 2008, 100, 143902.	2.9	177
43	Dual-comb spectroscopy of water vapor with a free-running semiconductor disk laser. Science, 2017, 356, 1164-1168.	6.0	176
44	Femtosecond thin-disk laser with 141 W of average power. Optics Letters, 2010, 35, 2302.	1.7	173
45	Ultrafast thin-disk laser with 80â€‰â€‰Î¼J pulse energy and 242â€‰â€‰W of average power. Optics Letters, 2014, 39, 9-12.	1.7	171
46	Strong Field Quantum Path Control Using Attosecond Pulse Trains. Physical Review Letters, 2004, 92, 023003.	2.9	165
47	High-power ultrafast thin disk laser oscillators and their potential for sub-100-femtosecond pulse generation. Applied Physics B: Lasers and Optics, 2009, 97, 281-295.	1.1	164
48	Vertical integration of ultrafast semiconductor lasers. Applied Physics B: Lasers and Optics, 2007, 88, 493-497.	1.1	161
49	High-power passively mode-locked semiconductor lasers. IEEE Journal of Quantum Electronics, 2002, 38, 1268-1275.	1.0	155
50	Self-compression of ultra-short laser pulses down to one optical cycle by filamentation. Journal of Modern Optics, 2006, 53, 75-85.	0.6	154
51	Ultrafast all-solid-state laser technology. Applied Physics B: Lasers and Optics, 1994, 58, 347-363.	1.1	153
52	Attosecond Electron Wave-Packet Interference Observed by Transient Absorption. Physical Review Letters, 2011, 106, 123601.	2.9	153
53	Octave-spanning coherent supercontinuum generation in a silicon nitride waveguide. Optics Letters, 2015, 40, 5117.	1.7	153
54	Breakdown of the Dipole Approximation in Strong-Field Ionization. Physical Review Letters, 2014, 113, 243001.	2.9	152

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55	56-ps passively Q-switched diode-pumped microchip laser. Optics Letters, 1997, 22, 381.	1.7	148
56	Recent advances in ultrafast semiconductor disk lasers. Light: Science and Applications, 2015, 4, e310-e310.	7.7	148
57	Charge migration and charge transfer in molecular systems. Structural Dynamics, 2017, 4, 061508.	0.9	146
58	Efficient and tunable diode-pumped femtosecond Yb:glass lasers. Optics Letters, 1998, 23, 126.	1.7	144
59	Design and operation of antiresonant Fabryâ€“Perot saturable semiconductor absorbers for mode-locked solid-state lasers. Journal of the Optical Society of America B: Optical Physics, 1995, 12, 311.	0.9	143
60	Orientation-dependent stereo Wigner time delay and electron localization in a small molecule. Science, 2018, 360, 1326-1330.	6.0	143
61	60-fs pulses from a diode-pumped Nd:glass laser. Optics Letters, 1997, 22, 307.	1.7	139
62	Nonlinear femtosecond pulse compression at high average power levels by use of a large-mode-area holey fiber. Optics Letters, 2003, 28, 1951.	1.7	131
63	50-GHz Passively Mode-Locked Surface-Emitting Semiconductor Laser With 100-mW Average Output Power. IEEE Journal of Quantum Electronics, 2006, 42, 838-847.	1.0	131
64	Highly efficient optically pumped vertical-emitting semiconductor laser with more than 20 W average output power in a fundamental transverse mode. Optics Letters, 2008, 33, 2719.	1.7	131
65	Femtosecond Yb:YAG laser using semiconductor saturable absorbers. Optics Letters, 1995, 20, 2402.	1.7	129
66	SESAMs for High-Power Oscillators: Design Guidelines and Damage Thresholds. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 29-41.	1.9	128
67	Probing Nonadiabatic Effects in Strong-Field Tunnel Ionization. Physical Review Letters, 2013, 111, 103003.	2.9	126
68	Pulse compression over a 170-THz bandwidth in the visible by use of only chirped mirrors. Optics Letters, 2001, 26, 1155.	1.7	125
69	Soliton-like pulse-shaping mechanism in passively mode-locked surface-emitting semiconductor lasers. Applied Physics B: Lasers and Optics, 2002, 75, 445-451.	1.1	125
70	Passively Q-switched 134-Âµm Nd:YVO_4 microchip laser with semiconductor saturable-absorber mirrors. Optics Letters, 1997, 22, 991.	1.7	124
71	Semiconductor saturable absorber mirror structures with low saturation fluence. Applied Physics B: Lasers and Optics, 2005, 81, 27-32.	1.1	124
72	Dual-comb modelocked laser. Optics Express, 2015, 23, 5521.	1.7	124

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73	Attosecond optical-field-enhanced carrier injection into the GaAs conduction band. Nature Physics, 2018, 14, 560-564.	6.5	123
74	Pulse compression with supercontinuum generation in microstructure fibers. Journal of the Optical Society of America B: Optical Physics, 2005, 22, 687.	0.9	122
75	21-W picosecond passively mode-locked external-cavity semiconductor laser. Optics Letters, 2005, 30, 272.	1.7	121
76	Compact Nd:YVO/sub 4/ lasers with pulse repetition rates up to 160 GHz. IEEE Journal of Quantum Electronics, 2002, 38, 1331-1338.	1.0	120
77	Powerful red-green-blue laser source pumped with a mode-locked thin disk laser. Optics Letters, 2004, 29, 1921.	1.7	119
78	Angular dependence of photoemission time delay in helium. Physical Review A, 2016, 94, .	1.0	119
79	Spatio-temporal characterization of few-cycle pulses obtained by filamentation. Optics Express, 2007, 15, 5394.	1.7	118
80	Energy-dependent photoemission delays from noble metal surfaces by attosecond interferometry. Optica, 2015, 2, 405.	4.8	116
81	Anisotropic photoemission time delays close to a Fano resonance. Nature Communications, 2018, 9, 955.	5.8	116
82	Femtosecond thin disk laser oscillator with pulse energy beyond the 10-microjoule level. Optics Express, 2008, 16, 6397.	1.7	114
83	High-power MIXSEL: an integrated ultrafast semiconductor laser with 64 W average power. Optics Express, 2010, 18, 27582.	1.7	114
84	Gravitational slopes, geomorphology, and material strengths of the nucleus of comet 67P/Churyumov-Gerasimenko from OSIRIS observations. Astronomy and Astrophysics, 2015, 583, A32.	2.1	113
85	Probing the Longitudinal Momentum Spread of the Electron Wave Packet at the Tunnel Exit. Physical Review Letters, 2012, 109, 083002.	2.9	111
86	Ultrafast and widely tuneable vertical-external-cavity surface-emitting laser, mode-locked by a graphene-integrated distributed Bragg reflector. Optics Express, 2013, 21, 31548.	1.7	111
87	Solitary-pulse stabilization and shortening in actively mode-locked lasers. Journal of the Optical Society of America B: Optical Physics, 1995, 12, 486.	0.9	109
88	High precision optical characterization of semiconductor saturable absorber mirrors. Optics Express, 2008, 16, 7571.	1.7	109
89	New regime of inverse saturable absorption for self-stabilizing passively mode-locked lasers. Applied Physics B: Lasers and Optics, 2005, 80, 151-158.	1.1	108
90	Thermal analysis and efficient high power continuous-wave andÂmode-locked thin disk laser operation of Yb-doped sesquioxides. Applied Physics B: Lasers and Optics, 2011, 102, 509-514.	1.1	107

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91	Ultrafast highâ€intensity nonlinear absorption dynamics in lowâ€temperature grown gallium arsenide. Applied Physics Letters, 1996, 69, 2566-2568.	1.5	106
92	Analytical design of double-chirped mirrors with custom-tailored dispersion characteristics. IEEE Journal of Quantum Electronics, 1999, 35, 129-137.	1.0	106
93	Optical phase noise and carrier-envelope offset noise of mode-locked lasers. Applied Physics B: Lasers and Optics, 2006, 82, 265-273.	1.1	106
94	Growth parameter optimization for fast quantum dot SESAMs. Optics Express, 2008, 16, 18646.	1.7	106
95	High-power 100â€‰â€‰fs semiconductor disk lasers. Optica, 2016, 3, 844.	4.8	105
96	Theory of double-chirped mirrors. IEEE Journal of Selected Topics in Quantum Electronics, 1998, 4, 197-208.	1.9	103
97	Coupled-cavity resonant passive mode-locked Ti:sapphire laser. Optics Letters, 1990, 15, 1377.	1.7	102
98	Attosecond coupled electron and nuclear dynamics in dissociative ionization of H2. Nature Physics, 2018, 14, 733-738.	6.5	102
99	Diode-pumped mode-locked Nd:glass lasers with an antiresonant Fabryâ€“Perot saturable absorber. Optics Letters, 1995, 20, 1169.	1.7	100
100	Noise characterization of femtosecond fiber Raman soliton lasers. IEEE Journal of Quantum Electronics, 1989, 25, 280-288.	1.0	98
101	Diode-pumped 100-fs passively mode-locked Cr:LiSAF laser with an antiresonant Fabryâ€“Perot saturable absorber. Optics Letters, 1994, 19, 2143.	1.7	98
102	Femtosecond high-power quantum dot vertical external cavity surface emitting laser. Optics Express, 2011, 19, 8108.	1.7	98
103	Semiconductor saturable absorber mirrors supporting sub-10-fs pulses. Applied Physics B: Lasers and Optics, 1997, 65, 137-150.	1.1	97
104	A passively Q-switched Yb:YAG microchip laser. Applied Physics B: Lasers and Optics, 2001, 72, 285-287.	1.1	97
105	SESAM mode-locked Yb:CaGdAlO_4 thin disk laser with 62 fs pulse generation. Optics Letters, 2013, 38, 3842.	1.7	97
106	Beam delivery and pulse compression to sub-50 fs of a modelocked thin-disk laser in a gas-filled Kagome-type HC-PCF fiber. Optics Express, 2013, 21, 4986.	1.7	97
107	Diode-pumped passively mode-locked 13-Î¼m Nd:YVO4 and Nd:YLF lasers by use of semiconductor saturable absorbers. Optics Letters, 1996, 21, 1378.	1.7	96
108	Passively mode-locked high-power Nd:YAG lasers. with multiple laser heads. Applied Physics B: Lasers and Optics, 2000, 71, 19-25.	1.1	95

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109	Generation of intense few-cycle laser pulses through filamentation - parameter dependence. Optics Express, 2005, 13, 7541.	1.7	95
110	High harmonic generation in a gas-filled hollow-core photonic crystal fiber. Applied Physics B: Lasers and Optics, 2009, 97, 369-373.	1.1	93
111	Femtosecond pump-probe near-field optical microscopy. Review of Scientific Instruments, 1999, 70, 2758-2764.	0.6	88
112	Resonance Effects in Photoemission Time Delays. Physical Review Letters, 2015, 115, 133001.	2.9	88
113	Gigahertz frequency comb offset stabilization based on supercontinuum generation in silicon nitride waveguides. Optics Express, 2016, 24, 11043.	1.7	88
114	Exact coupled-mode theories for multilayer interference coatings with arbitrary strong index modulations. IEEE Journal of Quantum Electronics, 1997, 33, 295-302.	1.0	87
115	Back-side-coated chirped mirrors with ultra-smooth broadband dispersion characteristics. Applied Physics B: Lasers and Optics, 2000, 71, 509-522.	1.1	87
116	Solid-state Er:Yb:glass laser mode-locked by using single-wall carbon nanotube thin film. Optics Letters, 2007, 32, 38.	1.7	87
117	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
118	Frequency comb offset detection using supercontinuum generation in silicon nitride waveguides. Optics Express, 2015, 23, 15440.	1.7	85
119	Efficient spectral broadening in the 100-W average power regime using gas-filled kagome HC-PCF and pulse compression. Optics Letters, 2014, 39, 6843.	1.7	84
120	Passively Q-switched 180-ps Nd:LaSc_3(BO_3)_4 microchip laser. Optics Letters, 1996, 21, 405.	1.7	82
121	Rydberg state creation by tunnel ionization. New Journal of Physics, 2013, 15, 013001.	1.2	80
122	Pulse repetition rate scaling from 5 to 100 GHz with a high-power semiconductor disk laser. Optics Express, 2014, 22, 6099.	1.7	80
123	Single-shot kilohertz characterization of ultrashort pulses by spectral phase interferometry for direct electric-field reconstruction. Optics Letters, 2003, 28, 281.	1.7	79
124	Adaptive feedback control of ultrafast semiconductor nonlinearities. Applied Physics Letters, 2000, 77, 924.	1.5	78
125	Towards wafer-scale integration of high repetition rate passively mode-locked surface-emitting semiconductor lasers. Applied Physics B: Lasers and Optics, 2004, 79, 927-932.	1.1	78
126	Pulse energy scaling to 5 Î¼J from a femtosecond thin disk laser. Optics Letters, 2006, 31, 2728.	1.7	78

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127	All-in-one dispersion-compensating saturable absorber mirror for compact femtosecond laser sources. Optics Letters, 1996, 21, 486.	1.7	77
128	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
129	Mid-infrared pulse generation via achromatic quasi-phase-matched OPCPA. Optics Express, 2014, 22, 20798.	1.7	76
130	Continuous-wave mode-locked solid-state lasers with enhanced spatial hole burning. Applied Physics B: Lasers and Optics, 1995, 61, 429-437.	1.1	75
131	Spatially resolved amplitude and phase characterization of femtosecond optical pulses. Optics Letters, 2001, 26, 96.	1.7	74
132	Femtosecond pulse generation with a diode-pumped Yb^3+:YVO_4 laser. Optics Letters, 2005, 30, 1150.	1.7	74
133	Diode-pumped thin-disk Yb:YAG regenerative amplifier. Applied Physics B: Lasers and Optics, 1997, 65, 423-426.	1.1	73
134	Ultrabroadband, highly flexible amplifier for ultrashort midinfrared laser pulses based on aperiodically poled Mg:LiNbO_3. Optics Letters, 2010, 35, 2340.	1.7	73
135	Measurement and control of the frequency chirp rate of high-order harmonic pulses. Physical Review A, 2004, 70, .	1.0	72
136	Phase-preserving chirped-pulse optical parametric amplification to 173 fs directly from a Ti:sapphire oscillator. Optics Letters, 2004, 29, 1369.	1.7	72
137	Toward Millijoule-Level High-Power Ultrafast Thin-Disk Oscillators. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 106-123.	1.9	72
138	Ptychographic reconstruction of attosecond pulses. Optics Express, 2015, 23, 29502.	1.7	71
139	Broadband saturable absorber for 10-fs pulse generation. Optics Letters, 1996, 21, 743.	1.7	70
140	Efficient femtosecond high power Yb:Lu_2O_3 thin disk laser. Optics Express, 2007, 15, 16966.	1.7	70
141	Experimental verification of soliton mode locking using only a slow saturable absorber. Optics Letters, 1995, 20, 1892.	1.7	69
142	Low-loss GaInNAs saturable absorber mode locking a 1.3-Î¼m solid-state laser. Applied Physics Letters, 2004, 84, 4002-4004.	1.5	69
143	High-average-power diode-pumped femtosecond Cr:LiSAF lasers. Applied Physics B: Lasers and Optics, 1997, 65, 235-243.	1.1	68
144	Carrier-envelope offset dynamics of mode-locked lasers. Optics Letters, 2002, 27, 194.	1.7	68

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145	Practical low-noise stretched-pulse Yb^3+-doped fiber laser. Optics Letters, 2002, 27, 291.	1.7	68
146	Breakdown of the independent electron approximation in sequential double ionization. New Journal of Physics, 2011, 13, 093008.	1.2	68
147	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
148	Compact ultrafast semiconductor disk laser: targeting GFP based nonlinear applications in living organisms. Biomedical Optics Express, 2011, 2, 739.	1.5	67
149	Self-compression of optical laser pulses by filamentation. New Journal of Physics, 2008, 10, 025023.	1.2	66
150	Femtosecond response times and high optical nonlinearity in beryllium-doped low-temperature grown GaAs. Applied Physics Letters, 1999, 74, 1269-1271.	1.5	65
151	Diode-pumped gigahertz femtosecond Yb:KGW laser with a peak power of 39 kW. Optics Express, 2010, 18, 16320.	1.7	65
152	1.55 Âµm InAs/GaAs Quantum Dots and High Repetition Rate Quantum Dot SESAM Mode-locked Laser. Scientific Reports, 2012, 2, 477.	1.6	65
153	Self-starting femtosecond mode-locked Nd:glass laser that uses intracavity saturable absorbers. Optics Letters, 1993, 18, 1077.	1.7	64
154	Large enhancement of macroscopic yield in attosecond pulse trainâ€“assisted harmonic generation. Physical Review A, 2005, 72, .	1.0	64
155	Nearly quantum-noise-limited timing jitter from miniature Er:Yb:glass lasers. Optics Letters, 2005, 30, 1536.	1.7	64
156	Self-starting soliton modelocked Ti-sapphire laser using a thin semiconductor saturable absorber. Electronics Letters, 1995, 31, 287-289.	0.5	63
157	Self-referenceable frequency comb from a gigahertz diode-pumped solid-state laser. Optics Express, 2011, 19, 16491.	1.7	62
158	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
159	Combining attosecond XUV pulses with coincidence spectroscopy. Review of Scientific Instruments, 2014, 85, 103113.	0.6	62
160	Continuous-wave and modelocked Yb:YCOB thin disk laser: first demonstration and future prospects. Optics Express, 2010, 18, 19201.	1.7	61
161	Experimentally verified pulse formation model for high-power femtosecond VECSELs. Applied Physics B: Lasers and Optics, 2013, 113, 133-145.	1.1	61
162	Eyesafe pulsed microchip laser using semiconductor saturable absorber mirrors. Applied Physics Letters, 1998, 72, 3273-3275.	1.5	60

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163	Carrier-envelope offset phase-locking with attosecond timing jitter. IEEE Journal of Selected Topics in Quantum Electronics, 2003, 9, 1030-1040.	1.9	60
164	Ultra-broadband chirped-pulse optical parametric amplifier with angularly dispersed beams. Optics Express, 2004, 12, 518.	1.7	60
165	Gigahertz self-referenceable frequency comb from a semiconductor disk laser. Optics Express, 2014, 22, 16445.	1.7	60
166	Attosecond screening dynamics mediated by electron localization in transition metals. Nature Physics, 2019, 15, 1145-1149.	6.5	59
167	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
168	Accurate assessment of clinical nurses' work environments: Response rate needed. Research in Nursing and Health, 2009, 32, 229-240.	0.8	57
169	Temporal pulse compression in a xenon-filled Kagome-type hollow-core photonic crystal fiber at high average power. Optics Express, 2011, 19, 19142.	1.7	57
170	Frontiers in passively mode-locked high-power thin disk laser oscillators. Optics Express, 2012, 20, 7054.	1.7	57
171	Versatile attosecond beamline in a two-foci configuration for simultaneous time-resolved measurements. Review of Scientific Instruments, 2014, 85, 013113.	0.6	57
172	Time delays from one-photon transitions in the continuum. Optica, 2020, 7, 154.	4.8	57
173	Simple analytical expressions for the reflectivity and the penetration depth of a Bragg mirror between arbitrary media. Optics Communications, 1995, 116, 343-350.	1.0	56
174	Optical nonlinearity in low-temperature-grown GaAs: Microscopic limitations and optimization strategies. Applied Physics Letters, 1999, 74, 3134-3136.	1.5	55
175	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
176	Attoclock revisited on electron tunnelling time. Journal of Modern Optics, 2019, 66, 1052-1070.	0.6	55
177	Power scaling of ultrafast oscillators: 350-W average-power sub-picosecond thin-disk laser. Optics Express, 2019, 27, 31465.	1.7	55
178	Continuous-wave mode-locked solid-state lasers with enhanced spatial hole burning. Applied Physics B: Lasers and Optics, 1995, 61, 569-579.	1.1	54
179	Femtosecond near-field optical spectroscopy of implantation patterned semiconductors. Applied Physics Letters, 1999, 74, 61-63.	1.5	54
180	Carrierâ€“envelope-offset dynamics and stabilization of femtosecond pulses. Applied Physics B: Lasers and Optics, 2002, 74, s35-s42.	1.1	54

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181	Femtosecond Yb:Lu_2O_3 thin disk laser with 63 W of average power. Optics Letters, 2009, 34, 2823.	1.7	54
182	SESAMs for high-power femtosecond modelocking: power scaling of an Yb:LuScO_3 thin disk laser to 23 W and 235 fs. Optics Express, 2011, 19, 20288.	1.7	54
183	Sub-100 femtosecond pulses from a SESAM modelocked thin disk laser. Applied Physics B: Lasers and Optics, 2012, 106, 559-562.	1.1	54
184	Ultrafast solid-state mode-locked lasers using resonant nonlinearities. IEEE Journal of Quantum Electronics, 1992, 28, 2123-2133.	1.0	53
185	Broadly tunable femtosecond Cr:LiSAF laser. Optics Letters, 1997, 22, 621.	1.7	53
186	Tunable picosecond pulse-generating laser with repetition rate exceeding 10â€...GHz. Electronics Letters, 2002, 38, 225.	0.5	53
187	Self-referencable frequency comb from a 170-fs, 1.5-Î¼m solid-state laser oscillator. Applied Physics B: Lasers and Optics, 2010, 99, 401-408.	1.1	53
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