

Derryck T Reid

List of Publications by Year in descending order

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214
papers

4,320
citations

126858

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161767

54
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218
all docs

218
docs citations

218
times ranked

2789
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast-laser inscription of a three dimensional fan-out device for multicore fiber coupling applications. Optics Express, 2007, 15, 11691.	1.7	210
2	Femtosecond soliton pulse delivery at 800nm wavelength in hollow-core photonic bandgap fibers. Optics Express, 2004, 12, 835.	1.7	152
3	Optical waveguide fabrication in z-cut lithium niobate (LiNbO3) using femtosecond pulses in the low repetition rate regime. Applied Physics Letters, 2006, 88, 111109.	1.5	133
4	Light-emitting diodes as measurement devices for femtosecond laser pulses. Optics Letters, 1997, 22, 233.	1.7	125
5	A decade of astrocombs: recent advances in frequency combs for astronomy [Invited]. Optics Express, 2017, 25, 15058.	1.7	104
6	Mid-infrared dual-comb spectroscopy with an optical parametric oscillator. Optics Letters, 2013, 38, 3148.	1.7	101
7	Molecular fingerprint-region spectroscopy from 5 to 12 μm using an orientation-patterned gallium phosphide optical parametric oscillator. Optics Letters, 2016, 41, 4261.	1.7	93
8	Composite frequency comb spanning 0.4-24 μm from a phase-controlled femtosecond Ti:sapphire laser and synchronously pumped optical parametric oscillator. Optics Letters, 2007, 32, 1414.	1.7	91
9	Nanoscale optical microscopy in the vectorial focusing regime. Nature Photonics, 2008, 2, 311-314.	15.6	84
10	Mid-infrared methane detection in a photonic bandgap fiber using a broadband optical parametric oscillator. Optics Express, 2007, 15, 11219.	1.7	81
11	Characteristics of a noncritically phasematched Ti: sapphire pumped femtosecond optical parametric oscillator. Optics Communications, 1994, 104, 419-430.	1.0	78
12	Mid-infrared gas sensing using a photonic bandgap fiber. Applied Optics, 2008, 47, 1269.	2.1	78
13	Adaptive beam profile control using a simulated annealing algorithm. Optics Express, 2005, 13, 6085.	1.7	76
14	Dual-comb spectroscopy in the spectral fingerprint region using OPCaP optical parametric oscillators. Optics Express, 2017, 25, 32713.	1.7	61
15	High-repetition-rate ultrashort-pulse optical parametric oscillator continuously tunable from 28 to 68 μm . Optics Letters, 1999, 24, 1523.	1.7	59
16	Broadly tunable infrared femtosecond optical parametric oscillator based on periodically poled RbTiOAsO ₄ . Optics Letters, 1997, 22, 1397.	1.7	55
17	Solid immersion lens applications for nanophotonic devices. Journal of Nanophotonics, 2008, 2, 021854.	0.4	55
18	Femtosecond-laser pumped CdSiP ₂ optical parametric oscillator producing 100-MHz pulses centered at 62 μm . Optics Letters, 2013, 38, 5110.	1.7	53

#	ARTICLE	IF	CITATIONS
19	Wavelength calibration of a high resolution spectrograph with a partially stabilized 15-GHz astrocomb from 550 to 890 nm. <i>Optics Express</i> , 2017, 25, 6450.	1.7	51
20	Algorithm for complete and rapid retrieval of ultrashort pulse amplitude and phase from a sonogram. <i>IEEE Journal of Quantum Electronics</i> , 1999, 35, 1584-1589.	1.0	48
21	Ultrafast laser writing of optical waveguides in ceramic Yb:YAG: a study of thermal and non-thermal regimes. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 104, 301-309.	1.1	47
22	Shaping ultrafast laser inscribed optical waveguides using a deformable mirror. <i>Optics Express</i> , 2008, 16, 12786.	1.7	46
23	Roadmap on ultrafast optics. <i>Journal of Optics (United Kingdom)</i> , 2016, 18, 093006.	1.0	46
24	Five-optical-cycle pulse generation in the mid infrared from an optical parametric oscillator based on aperiodically poled lithium niobate. <i>Optics Letters</i> , 2000, 25, 1052.	1.7	45
25	Pure down-conversion photons through sub-coherence-length domain engineering. <i>Quantum Science and Technology</i> , 2017, 2, 035001.	2.6	44
26	Amplitude and phase measurement of mid-infrared femtosecond pulses by using cross-correlation frequency-resolved optical gating. <i>Optics Letters</i> , 2000, 25, 1478.	1.7	43
27	Soliton self-frequency shift effects in photonic crystal fibre. <i>Journal of Modern Optics</i> , 2002, 49, 757-767.	0.6	43
28	Asynchronous midinfrared ultrafast optical parametric oscillator for dual-comb spectroscopy. <i>Optics Letters</i> , 2012, 37, 187.	1.7	43
29	Three-dimensional imaging of a silicon flip chip using the two-photon optical-beam induced current effect. <i>Applied Physics Letters</i> , 2002, 81, 7-9.	1.5	42
30	Observation of soliton self-frequency shift in photonic crystal fibre. <i>Electronics Letters</i> , 2002, 38, 167.	0.5	42
31	Internal gain from an erbium-doped oxyfluoride-silicate glass waveguide fabricated using femtosecond waveguide inscription. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 1515-1517.	1.3	42
32	Femtosecond optical parametric oscillator based on periodically poled lithium niobate. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1998, 15, 694.	0.9	41
33	Mid-infrared absorption spectroscopy across a 14.4THz spectral range using a broadband femtosecond optical parametric oscillator. <i>Applied Physics Letters</i> , 2004, 85, 3366-3368.	1.5	37
34	Yb: fiber-laser-pumped high-energy picosecond optical parametric oscillator. <i>Optics Express</i> , 2009, 17, 14229.	1.7	35
35	Noncritically phase-matched Ti:sapphire-pumped femtosecond optical parametric oscillator based on RbTiOAsO ₄ . <i>Optics Letters</i> , 1995, 20, 55.	1.7	34
36	Frequency-doubling in femtosecond laser inscribed periodically-poled potassium titanyl phosphate waveguides. <i>Optics Express</i> , 2007, 15, 17146.	1.7	33

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37	Active waveguide fabrication in erbium-doped oxyfluoride silicate glass using femtosecond pulses. Applied Physics Letters, 2005, 87, 121102.	1.5	32
38	General second-harmonic pulse shaping in grating-engineered quasi-phase-matched nonlinear crystals. Optics Express, 2005, 13, 3264.	1.7	32
39	Two-photon optical-beam-induced current solid-immersion imaging of a silicon flip chip with a resolution of 325 nm. Optics Letters, 2005, 30, 26.	1.7	32
40	Three-dimensional nanoscale subsurface optical imaging of silicon circuits. Applied Physics Letters, 2007, 90, 131101.	1.5	31
41	Advances in ultrafast optical parametric oscillators. Laser Physics Letters, 2011, 8, 8-15.	0.6	31
42	Efficient femtosecond optical parametric oscillators based on aperiodically poled nonlinear crystals. Optics Letters, 2002, 27, 851.	1.7	30
43	Mid-infrared absorption spectroscopy of methane using a broadband femtosecond optical parametric oscillator based on aperiodically poled lithium niobate. Journal of Optics, 2005, 7, S408-S414.	1.5	30
44	Broadband conversion in an Yb:KYW-pumped ultrafast optical parametric oscillator with a long nonlinear crystal. Optics Express, 2011, 19, 17127.	1.7	30
45	Active FTIR-based stand-off spectroscopy using a femtosecond optical parametric oscillator. Optics Letters, 2014, 39, 6005.	1.7	30
46	Soliton formation in a femtosecond optical parametric oscillator. Optics Letters, 1994, 19, 825.	1.7	29
47	Compact, efficient 344-MHz repetition-rate femtosecond optical parametric oscillator. Optics Letters, 1997, 22, 525.	1.7	29
48	Characterization and modeling of a noncollinearly phase-matched femtosecond optical parametric oscillator based on KTA and operating to beyond 4 μm . IEEE Journal of Quantum Electronics, 1997, 33, 1-9.	1.0	29
49	High average power, widely tunable femtosecond laser source from red to mid-infrared based on an Yb-fiber-laser-pumped optical parametric oscillator. Optics Letters, 2013, 38, 1820.	1.7	29
50	Dual-color operation of a femtosecond optical parametric oscillator exhibiting stable relative carrier-envelope phase-slip frequencies. Optics Letters, 2006, 31, 2021.	1.7	28
51	Optical coherence tomography for non-destructive investigation of silicon integrated-circuits. Microelectronic Engineering, 2010, 87, 1785-1791.	1.1	28
52	Open-path multi-species remote sensing with a broadband optical parametric oscillator. Optics Express, 2019, 27, 21358.	1.7	27
53	Single-pulse femtosecond laser machining of glass. Journal of Optics, 2005, 7, 162-168.	1.5	26
54	Frequency comb generation and carrier-envelope phase control in femtosecond optical parametric oscillators. Laser Physics, 2008, 18, 87-103.	0.6	26

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55	Near- to mid-infrared picosecond optical parametric oscillator based on periodically poled RbTiOAsO ₄ . Optics Letters, 1998, 23, 503.	1.7	25
56	Simultaneous femtosecond-pulse compression and second-harmonic generation in aperiodically poled KTiOPO ₄ . Optics Letters, 1999, 24, 1071.	1.7	25
57	Femtosecond second-harmonic pulse compression in aperiodically poled lithium niobate: a systematic comparison of experiment and theory. Journal of the Optical Society of America B: Optical Physics, 2001, 18, 1212.	0.9	25
58	Coherent ultrafast pulse synthesis between an optical parametric oscillator and a laser. Optics Letters, 2009, 34, 854.	1.7	25
59	Highly efficient 1 GHz repetition-frequency femtosecond Yb ³⁺ :KY(WO ₄) ₂ laser. Optics Letters, 2012, 37, 1133.	1.7	25
60	Femtosecond optical parametric oscillator frequency combs. Journal of Optics (United Kingdom), 2015, 17, 094010.	1.0	25
61	Autonomous multi-species environmental gas sensing using drone-based Fourier-transform infrared spectroscopy. Optics Express, 2019, 27, 9578.	1.7	25
62	Design criteria and comparison of femtosecond optical parametric oscillators based on KTiOPO ₄ and RbTiOAsO ₄ . Journal of the Optical Society of America B: Optical Physics, 1995, 12, 2168.	0.9	24
63	High-average-power, 1-MW peak-power self-mode-locked Ti:sapphire oscillator. Optics Letters, 1999, 24, 163.	1.7	23
64	Designer femtosecond pulses using adaptive optics. Optics Express, 2003, 11, 2030.	1.7	23
65	Locking the carrier-envelope-offset frequency of an optical parametric oscillator without f ₀ = 2f self-referencing. Optics Letters, 2010, 35, 1668.	1.7	23
66	Ultra-broadband pulse evolution in optical parametric oscillators. Optics Express, 2011, 19, 17979.	1.7	23
67	Engineered quasi-phase-matching for second-harmonic generation. Journal of Optics, 2003, 5, S97-S102.	1.5	22
68	Fiber interferometer for simultaneous multiwavelength phase measurement with a broadband femtosecond laser. Optics Letters, 2004, 29, 2722.	1.7	22
69	Two-photon dual-comb LiDAR. Optics Express, 2021, 29, 37037.	1.7	22
70	Widely tunable, near- to mid-infrared femtosecond and picosecond optical parametric oscillators using periodically poled LiNbO ₃ and RbTiOAsO ₄ . IEEE Journal of Selected Topics in Quantum Electronics, 1998, 4, 238-248.	1.9	21
71	Rapid measurement of ultrashort-pulse amplitude and phase from a two-photon absorption sonogram trace. Journal of the Optical Society of America B: Optical Physics, 2001, 18, 1377.	0.9	21
72	Low-threshold, high-repetition-frequency femtosecond optical parametric oscillator based on chirped-pulse frequency conversion. Journal of the Optical Society of America B: Optical Physics, 2003, 20, 1309.	0.9	21

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73	Direct optimization of femtosecond laser ablation using adaptive wavefront shaping. Journal of Optics, 2007, 9, 1100-1104.	1.5	21
74	Sonogram characterisation of picosecond pulses at 1.5 [μm] using waveguide two photon absorption. Electronics Letters, 2000, 36, 1141.	0.5	20
75	Idler-resonant femtosecond tandem optical parametric oscillator tuning from 21 μm to 42 μm . Journal of the Optical Society of America B: Optical Physics, 2004, 21, 1551.	0.9	20
76	Strain field manipulation in ultrafast laser inscribed BiB ₃ O ₆ optical waveguides for nonlinear applications. Optics Letters, 2011, 36, 4548.	1.7	20
77	High power tunable femtosecond ultraviolet laser source based on an Yb-fiber-laser pumped optical parametric oscillator. Optics Express, 2015, 23, 6181.	1.7	20
78	Supercontinuum generation in orientation-patterned gallium phosphide. Optica, 2020, 7, 172.	4.8	20
79	Simultaneous second-harmonic generation and femtosecond-pulse compression in aperiodically poled KTiOPO ₄ with a RbTiOAsO ₄ -based optical parametric oscillator. Journal of the Optical Society of America B: Optical Physics, 1999, 16, 1553.	0.9	19
80	Low-threshold femtosecond optical parametric oscillator based on chirped-pulse frequency conversion. Optics Letters, 2003, 28, 543.	1.7	19
81	Common-path self-referencing interferometer for carrier-envelope offset frequency stabilization with enhanced noise immunity. Optics Letters, 2010, 35, 1209.	1.7	19
82	Broadband phase coherence between an ultrafast laser and an OPO using lock-to-zero CEO stabilization. Optics Express, 2012, 20, 16269.	1.7	19
83	Octave-spanning super-continuum from a silica photonic crystal fiber pumped by a 386 μm Yb: fiber laser. Optics Letters, 2012, 37, 1778.	1.7	19
84	Mid-infrared 333 μm frequency comb continuously tunable from 195 to 40 μm . Optics Letters, 2015, 40, 4178.	1.7	19
85	Few-cycle near-infrared pulses from a degenerate 1 μm optical parametric oscillator. Optics Letters, 2015, 40, 4102.	1.7	19
86	Efficient femtosecond pulse generation in the visible in a frequency-doubled optical parametric oscillator based on RbTiOAsO ₄ . Journal of the Optical Society of America B: Optical Physics, 1995, 12, 1157.	0.9	18
87	Designer femtosecond pulse shaping using grating-engineered quasi-phase-matching in lithium niobate. Optics Letters, 2008, 33, 378.	1.7	18
88	70 nm resolution in subsurface optical imaging of silicon integrated-circuits using pupil-function engineering. Applied Physics Letters, 2009, 94, .	1.5	18
89	Frequency stability of a femtosecond optical parametric oscillator frequency comb. Optics Express, 2011, 19, 24159.	1.7	18
90	Stand-off identification of aerosols using mid-infrared backscattering Fourier-transform spectroscopy. Optics Letters, 2016, 41, 2266.	1.7	18

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91	Long-wave infrared generation from femtosecond and picosecond optical parametric oscillators based on orientation-patterned gallium phosphide. <i>Applied Physics B: Lasers and Optics</i> , 2018, 124, 1.	1.1	18
92	Coherent synthesis using carrier-envelope phase-controlled pulses from a dual-color femtosecond optical parametric oscillator. <i>Optics Letters</i> , 2007, 32, 1396.	1.7	17
93	Autocorrelation of femtosecond pulses from 415–630 nm using GaN laser diode. <i>Electronics Letters</i> , 2000, 36, 631.	0.5	15
94	Pulse compression and gain enhancement in a degenerate optical parametric amplifier based on aperiodically poled crystals. <i>Optics Letters</i> , 2002, 27, 442.	1.7	15
95	Programmable spectral phase control of femtosecond pulses by use of adaptive optics and real-time pulse measurement. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2004, 21, 833.	0.9	15
96	Towards a space-qualified Kerr-lens mode-locked laser. <i>Optics Letters</i> , 2021, 46, 5429.	1.7	15
97	Single-shot sonogram: a real-time chirp monitor for ultrafast oscillators. <i>Optics Letters</i> , 2002, 27, 658.	1.7	14
98	Monolithic optical parametric oscillator using chirped quasi-phase matching. <i>Optics Letters</i> , 2007, 32, 1548.	1.7	14
99	Observation of laser pulse propagation in optical fibers with a SPAD camera. <i>Scientific Reports</i> , 2017, 7, 43302.	1.6	14
100	Characterization of a carrier-envelope-offset-stabilized blue- and green-diode-pumped Ti:sapphire frequency comb. <i>Optics Letters</i> , 2019, 44, 5270.	1.7	14
101	Femtosecond pulses tunable beyond 4 $\frac{1}{4}$ μ m from a KTA-based optical parametric oscillator. <i>Optics Communications</i> , 1997, 134, 186-190.	1.0	13
102	Real time femtosecond optical pulse measurement using a video-rate frequency-resolved optical gating system. <i>Review of Scientific Instruments</i> , 2003, 74, 3624-3627.	0.6	13
103	High-power asynchronous midinfrared optical parametric oscillator frequency combs. <i>Optics Letters</i> , 2013, 38, 2077.	1.7	13
104	Radiative and nonradiative rates and deep levels in zinc selenide grown by molecular-beam epitaxy. <i>Journal of Applied Physics</i> , 1995, 78, 1731-1736.	1.1	12
105	Testing the energy conservation law in an optical parametric oscillator using phase-controlled femtosecond pulses. <i>Optics Express</i> , 2007, 15, 4378.	1.7	12
106	Multi-color carrier-envelope-phase stabilization for high-repetition-rate multi-pulse coherent synthesis. <i>Optics Letters</i> , 2015, 40, 1208.	1.7	12
107	Towards versatile coherent pulse synthesis using femtosecond laser and optical parametric oscillators. <i>Optics Express</i> , 2008, 16, 1616.	1.7	11
108	650-nJ pulses from a cavity-dumped Yb: fiber-pumped ultrafast optical parametric oscillator. <i>Optics Express</i> , 2011, 19, 17557.	1.7	11

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109	Femtosecond pulses at 50-W average power from an Yb:YAG planar waveguide amplifier seeded by an Yb:KYW oscillator. <i>Optics Express</i> , 2012, 20, 17367.	1.7	11
110	Active Localization of Gas Leaks Using Fluid Simulation. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 1776-1783.	3.3	11
111	Continuous wavelength tuning from 3.9 μm to 12 μm from an optical parametric oscillator based on orientation-patterned GaP grown on GaAs. <i>Optical Materials Express</i> , 2021, 11, 654.	1.6	11
112	High resolution ZrF ₄ -fiber-delivered multi-species infrared spectroscopy. <i>OSA Continuum</i> , 2020, 3, 3595.	1.8	11
113	Measurement of group velocity dispersion using white light interferometry: A teaching laboratory experiment. <i>American Journal of Physics</i> , 2000, 68, 1146-1150.	0.3	10
114	Flow imaging by use of femtosecond-laser-induced two-photon fluorescence. <i>Optics Letters</i> , 2004, 29, 1873.	1.7	10
115	Optical probing of a silicon integrated circuit using electric-field-induced second-harmonic generation. <i>Applied Physics Letters</i> , 2006, 88, 114107.	1.5	10
116	Ultrafast laser inscription of bistable and reversible waveguides in strontium barium niobate crystals. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	10
117	Wavelength stabilization of a synchronously pumped optical parametric oscillator: Optimizing proportional-integral control. <i>Review of Scientific Instruments</i> , 2010, 81, 053101.	0.6	10
118	Dither-free stabilization of a femtosecond doubly resonant OPO using parasitic sum-frequency mixing. <i>Optics Letters</i> , 2020, 45, 768.	1.7	10
119	Periodically poled RbTiOAsO ₄ femtosecond optical parametric oscillator tunable from 1.38 to 1.58 μm . <i>Applied Physics B: Lasers and Optics</i> , 1999, 68, 177-180.	1.1	9
120	Solid-immersion-lens-enhanced nonlinear frequency-variation mapping of a silicon integrated-circuit. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	9
121	Mode-resolved 10-GHz frequency comb from a femtosecond optical parametric oscillator. <i>Optics Letters</i> , 2015, 40, 2692.	1.7	9
122	Frequency comb metrology with an optical parametric oscillator. <i>Optics Express</i> , 2016, 24, 8370.	1.7	9
123	Broadband Fourier-transform spectrometer enabling modal subset identification in Fabry-Pérot-based astrocombs. <i>Optics Express</i> , 2017, 25, 19251.	1.7	8
124	Ti:Sapphire-pumped femtosecond optical parametric oscillators based on KTiOPO ₄ and RTiOAsO ₄ . <i>Applied Physics B: Lasers and Optics</i> , 1995, 60, 437-442.	1.1	7
125	All-solid-state mid-infrared femtosecond optical parametric oscillator based on periodically-poled lithium niobate. <i>Optics Communications</i> , 1998, 146, 147-150.	1.0	7
126	Weak-guidance-theory review of dispersion and birefringence management by laser inscription. <i>Laser Physics Letters</i> , 2008, 5, 11-20.	0.6	7

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127	Two-photon laser-assisted device alteration in silicon integrated-circuits. Optics Express, 2013, 21, 29083.	1.7	7
128	Atomically referenced 1-GHz optical parametric oscillator frequency comb. Optics Express, 2015, 23, 16466.	1.7	7
129	1-GHz harmonically pumped femtosecond optical parametric oscillator frequency comb. Optics Express, 2015, 23, 1283.	1.7	7
130	Laser-frequency-comb calibration for the Extremely Large Telescope: an OPO-based infrared astrocomb covering the H and J bands. Journal of the Optical Society of America B: Optical Physics, 2021, 38, A15.	0.9	7
131	Dynamic measurements at up to 130-kHz sampling rates using Ti:sapphire dual-comb distance metrology. Optics Express, 2021, 29, 42119.	1.7	7
132	Hollow-core fiber delivery of broadband mid-infrared light for remote spectroscopy. Optics Express, 2022, 30, 7044.	1.7	7
133	High idler conversion in femtosecond optical parametric oscillators. Optics Communications, 2002, 210, 113-120.	1.0	6
134	Investigation of the two-photon optical beam induced current effect in silicon integrated circuits. Optics Communications, 2003, 221, 427-433.	1.0	6
135	Three-dimensional nanometric sub-surface imaging of a silicon flip-chip using the two-photon optical beam induced current method. Microelectronics Reliability, 2007, 47, 1534-1538.	0.9	6
136	Laser Action From an Ultrafast Laser Inscribed Nd-Doped Silicate Glass Waveguide. IEEE Photonics Technology Letters, 2010, 22, 742-744.	1.3	6
137	Asynchronous modelocked Yb:KYW lasers for dual-comb spectroscopy. Electronics Letters, 2011, 47, 1140.	0.5	6
138	White powder identification using broadband coherent light in the molecular fingerprint region. Optics Express, 2018, 26, 25364.	1.7	6
139	Compressive hyperspectral imaging in the molecular fingerprint band. Optics Express, 2022, 30, 17340.	1.7	6
140	Optical super-resolution with aperture-function engineering. American Journal of Physics, 2008, 76, 1002-1006.	0.3	5
141	⁸⁷ Rb-stabilized 375-MHz Yb: fiber femtosecond frequency comb. Optics Express, 2014, 22, 10494.	1.7	5
142	Few cycle EM pulses. Contemporary Physics, 1999, 40, 193-204.	0.8	4
143	Ultrashort pulse characterization using a scanning Fabry-Pérot étalon enabling rapid acquisition and retrieval of a sonogram at rates up to 1.52 Hz. Review of Scientific Instruments, 2001, 72, 4071-4079.	0.6	4
144	Fibre interferometer for multi-wavelength interferometry with a femtosecond laser. Journal of Optics, 2005, 7, S415-S419.	1.5	4

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145	LASER PHYSICS: Toward Attosecond Pulses. <i>Science</i> , 2001, 291, 1911-1913.	6.0	4
146	Systematic spectral shifts in the mid-infrared spectroscopy of aerosols. <i>Optics Express</i> , 2018, 26, 18975.	1.7	4
147	A Real-time FROG-trace Acquisition System for Non-amplified Femtosecond Oscillators. <i>Applied Optics</i> , 1997, 36, 9103.	2.1	3
148	Experimental comparison of conventional pulse characterisation techniques and second-harmonic-generation frequency-resolved optical gating. <i>Optics Communications</i> , 1998, 155, 297-300.	1.0	3
149	Practical measurement of femtosecond optical pulses using time-resolved optical gating. <i>Optics Communications</i> , 2001, 194, 415-424.	1.0	3
150	General ultrafast pulse measurement using the cross-correlation single-shot sonogram technique. <i>Optics Letters</i> , 2004, 29, 644.	1.7	3
151	Compression of 1030-nm femtosecond pulses after nonlinear spectral broadening in Corning® HI 1060 fiber: Theory and experiment. <i>Journal of Applied Research and Technology</i> , 2015, 13, 555-560.	0.6	3
152	Development of a deep-ultraviolet pulse laser source operating at 234 nm for direct cooling of Al ⁺ ion clocks. <i>Optics Express</i> , 2021, 29, 11468.	1.7	3
153	Comparison of astrophysical laser frequency combs with respect to the requirements of HIRES. <i>Proceedings of SPIE</i> , 2017, , .	0.8	3
154	Ti: Sapphire Pumped Femtosecond Optical Parametric Oscillator Exhibiting Soliton Formation. <i>Journal of Modern Optics</i> , 1994, 41, 1231-1242.	0.6	2
155	Ultrafast biophotonics. <i>Journal of Optics (United Kingdom)</i> , 2010, 12, 080301-080301.	1.0	2
156	Aberration analysis based on pinhole-z-scan method near the focal point of refractive systems. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
157	Two-photon laser-assisted device alteration in CMOS integrated circuits using linearly, circularly and radially polarized light. <i>Microelectronics Reliability</i> , 2016, 60, 62-66.	0.9	2
158	Carrier-envelope offset frequency stabilization in a femtosecond optical parametric oscillator without nonlinear interferometry. <i>Optics Letters</i> , 2016, 41, 966.	1.7	2
159	Control of the carrier-envelope phases of a synchronously pumped femtosecond optical parametric oscillator and its applications. <i>Science Bulletin</i> , 2008, 53, 642-651.	1.7	1
160	1.4 ÅHz femtosecond comb generation by Fabry-Pérot filtering of optical parametric oscillator frequency comb. <i>Electronics Letters</i> , 2013, 49, 833-835.	0.5	1
161	Recent advances in ultrafast optical parametric oscillator frequency combs. <i>Optical Engineering</i> , 2014, 53, 122605.	0.5	1
162	Towards a Visible to Mid-Infrared Astrocomb for the Extremely Large Telescope. , 2019, , .		1

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163	Singly and doubly resonant femtosecond optical parametric oscillators for precision spectroscopy from the near-to mid-infrared. , 2018, , .		1
164	Ultra-Low-Threshold Diode-Pumped Ti:sapphire Laser Modelocked Using Carbon Nanotubes. , 2020, , .		1
165	Open-Path Mid-Infrared Remote Sensing of Atmospheric Gases Using a Broadband Optical Parametric Oscillator. , 2019, , .		1
166	Femtosecond laser machining of glass using single and few pulses. , 2004, , .		0
167	Femtosecond seeded 150 nm-bandwidth optical parametric amplifier for active imaging applications at 1550 nm. , 2005, 5989, 224.		0
168	Mid-infrared absorption spectroscopy of methane across a 14.4THz spectral range using a broadband femtosecond optical parametric oscillator based on aperiodically poled lithium niobate. , 2005, , .		0
169	Probing electrical signals in silicon CMOS devices using electric field induced second harmonic generation. , 2006, , .		0
170	Silicon flip-chip imaging with a resolution of 325-nm using solid-immersion lenses and the two-photon optical-beam induced current method. , 2006, 6108, 92.		0
171	Towards the creation of quasi-phasematched devices using femtosecond laser micromachining. , 2006, , .		0
172	70nm Resolution in Sub-Surface Two-Photon Optical Beam Induced Current Microscopy through Pupil-Function Engineering in the Vectorial Focusing Regime. , 2009, , .		0
173	Ultrafast optical parametric oscillators for spectroscopy. , 2009, , .		0
174	Coherent synthesis of visible-region optical pulses by using an optical parametric oscillator and a laser. , 2009, , .		0
175	Characterization of a liquid-crystal pulse shaper over 0.36-PHz bandwidth. , 2013, , .		0
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177	Asynchronous mid-infrared broadband optical parametric oscillator for dual-comb spectroscopy. EPJ Web of Conferences, 2013, 41, 10008.	0.1	0
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