David P Shepherd

List of Publications by Year
in descending order

186	3,834	101384	189595
papers	citations	36 h-index	50 g-index

186	186	186	1816
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Compact diode-pumped passively Q-switched tunable Erâ€“Yb double-clad fiber laser. Optics Letters, 2002, 27, 1980.	1.7	124
2	A power-scaling strategy for longitudinally diode-pumped Tm:YLF lasers. Applied Physics B: Lasers and Optics, 2006, 84, 389-393.	1.1	109
3	High-inversion densities in Nd:YAG-upconversion and bleaching. IEEE Journal of Quantum Electronics, 1998, 34, 900-909.	1.0	98
4	Growth and low-threshold laser oscillation of an epitaxially grown Nd:YAG waveguide. Optics Letters, 1992, 17, 810.	1.7	86
5	High-power planar dielectric waveguide lasers. Journal Physics D: Applied Physics, 2001, 34, 2420-2432.	1.3	86
6	Laser operation of an Nd:Gd3Ga5O12 thinâ€film optical waveguide fabricated by pulsed laser deposition. Applied Physics Letters, 1996, 69, 10-12.	1.5	76
7	Ion-implanted Nd:MgO:LiNbO_3 planar waveguide laser. Optics Letters, 1991, 16, 481.	1.7	74
8	19-Î¼m operation of a Tm:lead germanate glass waveguide laser. Optics Letters, 1994, 19, 954.	1.7	71
9	High slope efficiency and low threshold in a diode-pumped epitaxially grown Yb:YAG waveguide laser. Optics Communications, 1995, 115, 491-497.	1.0	65
10	Intra-cavity side-pumped Ho:YAG laser. Optics Express, 2006, 14, 10481.	1.7	65
11	Channel waveguide laser at 1 Î¼m in Yb-indiffused LiNbO_3. Optics Letters, 1995, 20, 1477.	1.7	63
12	An efficient, diode-pumped, 2 Î¼m Tm:YAG waveguide laser. Optics Communications, 1997, 142, 239-243.	1.0	60
13	Spatial dopant profiles for transverse-mode selection in multimode waveguides. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 1539.	0.9	57
14	Continuous-wave and passively Q-switched cladding-pumped planar waveguide lasers. Optics Letters, 2001, 26, 881.	1.7	54
15	Low threshold ion-implanted Nd:YAG channel waveguide laser. Electronics Letters, 1991, 27, 2375.	0.5	53
16	Ion-implanted Nd:GGG channel waveguide laser. Optics Letters, 1992, 17, 52.	1.7	53
17	Fundamentally mode-locked, femtosecond waveguide oscillators with multi-gigahertz repetition frequencies up to 15 GHz. Optics Express, 2013, 21, 19608.	1.7	51
18	Non-photorefractive CW Tm-indiffused Ti:LiNbO3 waveguide laser operating at room temperature. IEEE Photonics Technology Letters, 1996, 8, 209-211.	1.3	50

#	Article	IF	Citations
19	15 W diode-side-pumped Tm:YAG waveguide laser at 2 [micro sign]m. Electronics Letters, 2001, 37, 898.	0.5	49
20	Broadband telecom to mid-infrared supercontinuum generation in a dispersion-engineered silicon germanium waveguide. Optics Letters, 2015, 40, 4118.	1.7	49
21	Performance of a low-loss pulsed-laser-deposited Nd:Gd_3Ga_5O_12 waveguide laser at 106 and 094â€‰â€‰Âµm. Optics Letters, 1997, 22, 988.	1.7	48
22	Double-clad structures and proximity coupling for diode-bar-pumped planar waveguide lasers. IEEE Journal of Quantum Electronics, 2000, 36, 236-242.	1.0	48
23	Efficient operation of an Yb-sensitised Er fibre laser at 1.56 Î¼m. Electronics Letters, 1988, 24, 1135.	0.5	47
24	Development of channel waveguide lasers in Nd3+-doped chalcogenide (Ga:La:S) glass through photoinduced material modification. Applied Physics Letters, 2002, 81, 3708-3710.	1.5	44
25	Ion implanted Nd:YAG waveguide lasers. IEEE Journal of Quantum Electronics, 1991, 27, 428-433.	1.0	43
26	Characterization of ion implanted waveguides in Nd:YAG. Journal of Applied Physics, 1991, 69, 3440-3446.	1.1	43
27	Single-transverse-mode Ti:sapphire rib waveguide laser. Optics Express, 2005, 13, 210.	1.7	43
28	Ti:sapphire rib channel waveguide fabricated by reactive ion etching of a planar waveguide. Applied Physics B: Lasers and Optics, 2002, 75, 15-17.	1.1	42
29	Synchronously pumped CdSe optical parametric oscillator in the 9â€“10 Î¼m region. Optics Letters, 2003, 28, 1957.	1.7	42
30	Performance of ar/sup +/ -milled ti:sapphire rib waveguides as single transverse-mode broadband fluorescence sources. IEEE Journal of Quantum Electronics, 2003, 39, 501-507.	1.0	42
31	Low threshold quasiâ€threeâ€level 946 nm laser operation of an epitaxially grown Nd:Y3Al5O12waveguide. Applied Physics Letters, 1993, 63, 7-9.	1.5	40
32	Thermally bonded planar waveguide lasers. Applied Physics Letters, 1997, 71, 1139-1141.	1.5	40
33	Diode-bar end-pumped high-power Nd:Y_3Al_5O_12 planar waveguide laser. Optics Letters, 1998, 23, 942.	1.7	40
34	Room-temperature continuous-wave operation of Ti:sapphire buried channel-waveguide lasers fabricated via proton implantation. Optics Letters, 2006, 31, 3450.	1.7	40
35	Quasi-three level 1.03 Î¼m laser operation of a planar ion-implanted Yb:YAG waveguide. Optics Communications, 1993, 99, 211-215.	1.0	39
36	Compact, high-pulse-energy, picosecond optical parametric oscillator. Optics Letters, 2010, 35, 3580.	1.7	38

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37	Laser performance and spectroscopic analysis of optically written channel waveguides in neodymium-doped gallium lanthanum sulphide glass. IEEE Journal of Selected Topics in Quantum Electronics, 2002, 8, 1381-1388.	1.9	36
38	Laser operation of a low loss (0.1 dB/cm) Nd:Gd3Ga5O12 thick (40 Î¼m) planar waveguide grown by pulsed laser deposition. Optics Communications, 2004, 229, 355-361.	1.0	36
39	Ti:Sapphire waveguide lasers. Laser Physics Letters, 2007, 4, 560-571.	0.6	36
40	End-pumped, passively Q-switched Yb:YAG double-clad waveguide laser. Optics Letters, 2002, 27, 2161.	1.7	35
41	The effect of particulate density on performance of Nd:Gd3Ga5O12 waveguide lasers grown by pulsed laser deposition. Optics Communications, 2000, 185, 145-152.	1.0	34
42	Multi-watt, high efficiency, diffraction-limited nd:yag planar waveguide laser. IEEE Journal of Quantum Electronics, 2003, 39, 493-500.	1.0	34
43	An efficient, diode-pumped, ion-implanted Nd: GGG planar waveguide laser. Optics Communications, 1991, 86, 161-166.	1.0	33
44	Low loss (0.5 dB/cm) Nd:Gd3Ga5O12 waveguide layers grown by pulsed laser deposition. Optics Communications, 1997, 144, 183-186.	1.0	33
45	Laser operation of Nd:LaF3 thin film grown by molecular beam epitaxy. Electronics Letters, 1999, 35, 398.	0.5	33
46	Neodymium-doped tantalum pentoxide waveguide lasers. IEEE Journal of Quantum Electronics, 2005, 41, 1565-1573.	1.0	33
47	High-power, high repetition-rate, green-pumped, picosecond LBO optical parametric oscillator. Optics Express, 2012, 20, 7008.	1.7	32
48	Synchronously pumped optical parametric oscillator with diffraction-grating tuning. Journal Physics D: Applied Physics, 2001, 34, 2440-2454.	1.3	30
49	Synchronously pumped optical parametric oscillator driven by a femtosecond mode-locked fiber laser. Optics Letters, 2002, 27, 1052.	1.7	30
50	High-average-power picosecond mid-infrared OP-GaAs OPO. Optics Express, 2020, 28, 5741.	1.7	30
51	Supercontinuum Generation With GHz Repetition Rate Femtosecond-Pulse Fiber-Amplified VECSELs. IEEE Photonics Technology Letters, 2013, 25, 464-467.	1.3	29
52	Ion-implanted Nd:YAP planar waveguide laser. Electronics Letters, 1990, 26, 1826.	0.5	28
53	456-mW graphene Q-switched Yb:yttria waveguide laser by evanescent-field interaction. Optics Letters, 2015, 40, 1912.	1.7	28
54	Planar laser waveguides of Ti:sapphire, Nd:GGG and Nd:YAG grown by pulsed laser deposition. Applied Surface Science, 1998, 127-129, 514-519.	3.1	27

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55	Extended operation of synchronously pumped optical parametric oscillators to longer idler wavelengths. Optics Letters, 2002, 27, 2106.	1.7	27
56	Thick film growth of high optical quality low loss (0.1dBcmâˆ'1) Nd:Gd3Ga5O12 on Y3Al5O12 by pulsed laser deposition. Applied Surface Science, 2004, 223, 361-371.	3.1	27
57	High fidelity femtosecond pulses from an ultrafast fiber laser system via adaptive amplitude and phase pre-shaping. Optics Express, 2008, 16, 15074.	1.7	27
58	Fiber-laser-pumped, high-energy, mid-IR, picosecond optical parametric oscillator with a high-harmonic cavity. Optics Letters, 2015, 40, 3288.	1.7	27
59	An 115 W Yb:YAG planar waveguide laser fabricated via pulsed laser deposition. Optical Materials Express, 2016, 6, 91.	1.6	27
60	High-power, variable repetition rate, picosecond optical parametric oscillator pumped by an amplified gain-switched diode. Optics Express, 2010, 18, 7602.	1.7	26
61	Graphene Q-Switched Mode-Locked and Q-Switched Ion-Exchanged Waveguide Lasers. IEEE Photonics Technology Letters, 2015, 27, 646-649.	1.3	26
62	High-energy, near- and mid-IR picosecond pulses generated by a fiber-MOPA-pumped optical parametric generator and amplifier. Optics Express, 2015, 23, 12613.	1.7	26
63	Erbium-Doped Waveguide Laser in Tantalum Pentoxide. IEEE Photonics Technology Letters, 2010, 22, 1571-1573.	1.3	24
64	295-kW peak power picosecond pulses from a thulium-doped-fiber MOPA and the generation of watt-level >25-octave supercontinuum extending up to 5 Î¼m. Optics Express, 2018, 26, 6490.	1.7	24
65	A side-pumped Nd:YAG epitaxial waveguide laser. Optics Communications, 1992, 91, 229-235.	1.0	23
66	A low threshold, room temperature 1.64 Î¼m Yb:Er:Y3Al5O12waveguide laser. Journal of Applied Physics, 1994, 76, 7651-7653.	1.1	23
67	Ion-exchanged tapered-waveguide laser in neodymium-doped BK7 glass. Optics Letters, 2000, 25, 1433.	1.7	23
68	High energy femtosecond fiber chirped pulse amplification system with adaptive phase control. Optics Express, 2008, 16, 5813.	1.7	23
69	A diode-pumped 1.5 Î¼m waveguide laser mode-locked at 6.8 GHz by a quantum dot SESAM. Laser Physics Letters, 2013, 10, 105803.	0.6	23
70	Compact, high-pulse-energy, high-power, picosecond master oscillator power amplifier. Optics Express, 2014, 22, 21938.	1.7	23
71	High-phase-conjugate reflectivity (>800%) obtained by degenerate four-wave mixing in a continuous-wave diode-side-pumped Nd:YVO_4 amplifier. Optics Letters, 1999, 24, 972.	1.7	22
72	Single-mode direct-ultraviolet-written channel waveguide laser in neodymium-doped silica on silicon. Optics Letters, 2004, 29, 947.	1.7	22

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73	Current state-of-the-art of pulsed laser deposition of optical waveguide structures: Existing capabilities and future trends. Applied Surface Science, 2009, 255, 5199-5205.	3.1	22
74	Green-pumped, picosecond MgO:PPLN optical parametric oscillator. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 144.	0.9	22
75	Active mode-locking of an Yb:Er fibre laser. Electronics Letters, 1989, 25, 95.	0.5	21
76	Modeling of high-power continuous-wave Tm:YAG side-pumped double-clad waveguide lasers. IEEE Journal of Quantum Electronics, 2002, 38, 222-230.	1.0	21
77	Q-switched operation of a pulsed-laser-deposited Yb:Y_2O_3 waveguide using graphene as a saturable absorber. Optics Letters, 2014, 39, 4325.	1.7	21
78	Ultrafast High-Repetition-Rate Waveguide Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 16-24.	1.9	21
79	A 1.54 Î¼m Er glass laser pumped by a 1.064 Î¼m Nd:YAG laser. Optics Communications, 1987, 63, 417-420.	1.0	20
80	Continuous-wave broadband emitter based on a transition-metal-ion-doped waveguide. Optics Letters, 2001, 26, 283.	1.7	20
81	Longitudinally diode-pumped Nd:YAG double-clad planar waveguide laser. Optics Letters, 2001, 26, 698.	1.7	20
82	Low phonon energy, Nd:LaF/sub 3/ channel waveguide lasers fabricated by molecular beam epitaxy. IEEE Journal of Quantum Electronics, 2001, 37, 1469-1477.	1.0	20
83	Direct-UV-written buried channel waveguide lasers in direct-bonded intersubstrate ion-exchanged neodymium-doped germano-borosilicate glass. Applied Physics Letters, 2002, 81, 3522-3524.	1.5	20
84	On the growth and lasing characteristics of thick Nd:GGG waveguiding films fabricated by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2004, 79, 1203-1206.	1.1	19
85	Second-harmonic generation in a direct-bonded periodically poled LiNbO_3 buried waveguide. Optics Letters, 1999, 24, 481.	1.7	18
86	Multiwatt continuous-wave adaptive laser resonator. Optics Letters, 2000, 25, 1346.	1.7	18
87	Nd:Ta2O5 rib waveguide lasers. Applied Physics Letters, 2005, 86, 021110.	1.5	18
88	Efficient blue upconversion emission due to confined radiative energy transfer in Tm3+â€“Nd3+ co-doped Ta2O5 waveguides under infrared-laser excitation. Optics Communications, 2008, 281, 3691-3694.	1.0	18
89	Fabrication of Y-Splitters and Mach–Zehnder Structures on (Yb,Nb):RbTiOPO<inline-formula><tex-math> $_{f 4}$</tex-math></inline-formula>/RbTiOPO<inline-formula><tex-math>$_{f 4}$</tex-math></inline-formula> Epitaxial Layers by Reactive Ion Etching. Journal of Lightwave Technology, 2015, 33, 1863-1871.	2.7	18
90	Blue avalanche upconversion in Tm:ZBLAN fiber. Journal of the Optical Society of America B: Optical Physics, 1997, 14, 926.	0.9	16

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91	High-numerical-aperture, contact-bonded, planar waveguides for diode-bar-pumped lasers. Optics Communications, 1999, 160, 47-50.	1.0	15
92	Theoretical and numerical investigations of parametric transfer via difference-frequency generation for indirect mid-infrared pulse shaping. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 895.	0.9	15
93	Crystal Planar Waveguides, a Power Scaling Architecture for Low-Gain Transitions. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 380-389.	1.9	15
94	Optically written waveguides in ion implanted Bi4Ge3O12. Optical Materials, 1992, 1, 177-184.	1.7	14
95	Pulsed laser deposited diode-pumped 74 W Yb:Lu_2O_3 planar waveguide laser. Optics Express, 2015, 23, 31691.	1.7	14
96	Ytterbium-doped-garnet crystal waveguide lasers grown by pulsed laser deposition. Optical Materials Express, 2017, 7, 1628.	1.6	14
97	900-nm Nd:Ti:LiNbO_3 waveguide laser. Optics Letters, 1997, 22, 1778.	1.7	13
98	Buried laser waveguides in neodymium-doped BK-7 by K+â€“Na+ ion-exchange across a direct-bonded interface. Applied Physics Letters, 1999, 75, 3757-3759.	1.5	13
99	High-power slab-based Tm:YLF laser for in-band pumping of Ho:YAG. , 2008, , .		13
100	Yb-fiber amplifier pumped idler-resonant PPLN optical parametric oscillator producing 90 femtosecond pulses with high beam quality. Applied Physics B: Lasers and Optics, 2014, 117, 987-993.	1.1	13
101	Thulium-fiber-laser-pumped, high-peak-power, picosecond, mid-infrared orientation-patterned GaAs optical parametric generator and amplifier. Optics Letters, 2017, 42, 4036.	1.7	13
102	Investigation of neodymium-diffused yttrium vanadate waveguides by confocal microluminescence. Journal of Applied Physics, 2008, 103, .	1.1	12
103	Ion-exchanged Tm^3+:glass channel waveguide laser. Optics Letters, 2013, 38, 1146.	1.7	12
104	A diode-bar side-pumped waveguide laser with an extended stable cavity for spatial mode control. Optics Communications, 2003, 226, 317-321.	1.0	10
105	Growth of <scp><scp>PbSe</scp></scp> Quantum Dots Within Highâ€Index Leadâ€Phosphate Glass for Infrared Saturable Absorbers. Journal of the American Ceramic Society, 2013, 96, 197-200.	1.9	10
106	Dynamic control of refractive index during pulsed-laser-deposited waveguide growth. Optical Materials Express, 2017, 7, 4073.	1.6	10
107	A diode-pumped, high gain, planar waveguide, Nd:Y3Al5O12 amplifier. Applied Physics Letters, 1997, 71, 876-878.	1.5	9
108	Neodymium and gadolinium diffusion in yttrium vanadate. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 33.	0.9	9

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109	Growth of a multilayer garnet crystal double-clad waveguide structure by pulsed laser deposition. Thin Solid Films, 2007, 515, 7971-7975.	0.8	9
110	Widely Tunable, Narrow-Linewidth, High-Peak-Power, Picosecond Midinfrared Optical Parametric Amplifier. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6.	1.9	9
111	Pulsed laser deposition of crystalline garnet waveguides at a growth rate of 20 Î¼m per hour. Surface and Coatings Technology, 2018, 343, 7-10.	2.2	9
112	Controllable duration and repetition-rate picosecond pulses from a high-average-power OP-GaAs OPO. Optics Express, 2020, 28, 32540.	1.7	9
113	Broadband single-transverse-mode fluorescence sources based on ribs fabricated in pulsed laser deposited Ti:sapphire waveguides. Applied Physics A: Materials Science and Processing, 2004, 79, 1195-1198.	1.1	8
114	High-beam-quality, watt-level, widely tunable, mid-infrared OP-GaAs optical parametric oscillator. Optics Letters, 2019, 44, 2744.	1.7	8
115	Channel waveguide lasers in a lead silicate glass fashionedusing the extrusion technique. Applied Physics Letters, 2004, 85, 2727-2729.	1.5	7
116	Use of a birefringent filter for tuning a synchronously pumped optical parametric oscillator. Applied Physics B: Lasers and Optics, 2004, 79, 15-23.	1.1	7
117	An Experimental Comparison of Linear and Parabolic Tapered Waveguide Lasers and a Demonstration of Broad-Stripe Diode Pumping. Journal of Lightwave Technology, 2004, 22, 845-849.	2.7	7
118	Room temperature infrared-laser-induced upconversion in Nd3+ doped Ta2O5 waveguides. Chemical Physics Letters, 2006, 421, 198-204.	1.2	7
119	A synchronously pumped waveguide CH4 Raman laser at 1.54 Î¼m. Optics Communications, 1988, 65, 279-282.	1.0	6
120	Experimental investigation of parametric transfer in synchronously pumped optical parametric oscillators. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 2998.	0.9	6
121	Single-mode rib waveguides in (Yb,Nb)â€‰:â€‰RbTiOPO₄by reactive ion etching. Journal Physics D: Applied Physics, 2013, 46, 145108.	1.3	6
122	Yb-doped mixed-sesquioxide films grown by pulsed laser deposition. Journal of Crystal Growth, 2018, 491, 51-56.	0.7	6
123	Optical Waveguide Growth and Applications. , 2006, , 383-420.		5
124	Numerical investigations of parametric transfer in synchronously pumped optical parametric oscillators for indirect mid-infrared pulse shaping. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 2484.	0.9	5
125	Highly efficient frequency doubling and quadrupling of a short-pulsed thulium fiber laser. Applied Physics B: Lasers and Optics, 2018, 124, 59.	1.1	5
126	Active mode-locking and Q-switching of a 1.54 Î¼m Er: Glass laser pumped by A 1.064 Î¼m Nd: YAG laser. Optics Communications, 1988, 65, 355-358.	1.0	4

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127	OPTICAL PROPERTIES OF Tm DOPED LiNbO3 AND LiNbO3 (MgO). European Physical Journal Special Topics, 1991, 01, C7-293-C7-296.	0.2	4
128	Parallel broadband fluorescent light source for optical coherence tomography. , 2005, , .		4
129	Generation of mode-locked optical pulses at 1035 nm from a fiber Bragg grating stabilized semiconductor laser diode. Optics Express, 2014, 22, 13366.	1.7	4
130	Particulate reduction in ternary-compound film growth via pulsed laser deposition from segmented binary-targets. Materials Research Express, 2018, 5, 036402.	0.8	4
131	Transition-metal-doped chalcogenide glasses for broadband near-infrared sources. , 2004, , .		3
132	Er:YGG planar waveguides grown by pulsed laser deposition for LIDAR applications. , 2017, , .		3
133	CW operation of Nd:YAG pumped Yb:Er phosphate glass laser at 1.54 Î¼m. Optics Communications, 1988, 69, 153-155.	1.0	2
134	Non-reciprocal transmission via phase conjugation in multimode optical fibres. Optics Communications, 2001, 190, 357-365.	1.0	2
135	Power scaling of continuous-wave adaptive gain-grating laser resonators. Optics Communications, 2002, 205, 197-205.	1.0	2
136	High fidelity femotosecond pulses from an ultrafast fiber laser system via adaptive amplitude and phase pre-shaping. , 2009, , .		2
137	1.94 GHz CW Modelocked Ytterbium-Doped Bismuthate Glass Waveguide Laser. , 2015, , .		2
138	Growth by liquid phase epitaxy and low-threshold laser oscillation at 2.012 Î¼m of a Tm:YAG waveguide laser. , 1995, 2380, 14.		1
139	A polarized brightness-enhanced Nd:Y/sub 3/Al/sub 5/O/sub l2/ planar waveguide laser. IEEE Photonics Technology Letters, 1998, 10, 1392-1394.	1.3	1
140	Diode-bar pumped, high-power, planar Nd:YAG waveguide laser. , 1998, , .		1
141	End-pumped double-clad waveguide laser. , 2001, , .		1
142	Diode-pumped garnet crystal waveguide structures fabricated by pulsed laser deposition. , 2006, , .		1
143	Parametric transfer in a synchronously pumped optical parametric oscillator. , 2006, , .		1
144	Low-threshold, mirrorless emission at 981 nm in an Yb,Gd,Lu:KYW inverted rib waveguide laser. Proceedings of SPIE, 2013, , .	0.8	1

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145	Engineering of thin crystal layers grown by pulsed laser deposition. , 2016, , .		1
146	Yb:YAG planar waveguide lasers grown by pulsed laser deposition: 70% slope efficiencies at 16 W of output power. Proceedings of SPIE, 2016, , .	0.8	1
147	High energy femtosecond fiber chirped pulse amplification system with adaptive phase control. , 2008, , .		1
148	Diode-bar-pumped planar waveguide lasers. , 0, , .		0
149	Proximity-coupled, diode-bar-pumped, waveguide laser. , 0, , .		0
150	Distortion-correcting holographic resonators. , 2000, , .		0
151	Nd:LaF/sub 3/ channel waveguide lasers fabricated by molecular beam epitaxy. , 0, , .		0
152	Ion-exchange across a direct-bonded interface. , 2000, , .		0
153	Ion-exchanged Nd:glass tapered waveguide laser. , 0, , .		0
154	Ti:sapphire planar waveguide coherent broadband emitter. , 2001, , .		0
155	Non-reciprocal transmission via phase conjugation in multimode optical fibres. , 2001, , .		0
156	Long-wavelength operation of synchronously pumped optical parametric oscillators based on periodically poled LiNbO/sub 3/. , 0, , .		0
157	Single-mode UV-written buried channel waveguide lasers in direct-bonded neodymium-doped SGBN. , 0, , .		0
158	Power-scaling continuous-wave adaptive laser resonators. , 0, , .		0
159	Gain measurements at 2.8 Î¼m and fluorescence spectroscopy in Er:LaF/sub 3/ waveguides fabricated by molecular beam epitaxy. , 0, , .		0
160	Synchronously pumped, mid-infrared CdSe optical parametric oscillator. , 0, , .		0
161	Pulse shaping in an optical parametric oscillator with fibre feedback. , 0, , .		0
162	Multi-watt, diffraction-limited, cw and Q-switched, diode-end-pumped, double-clad waveguide lasers. , 0, , .		0

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163	Diode-pumped passively Q-switched tunable Er-Yb double-clad fibre laser. , 0, , .		0
164	Tuning of a synchronously pumped optical parametric oscillator via a four-plate birefringent filter. , 0, , .		0
165	Femtosecond optical parametric oscillators: a practical approach for power scaling tunable sources. , 2004, 5620, 77.		0
166	High-quality energy-scalable femtosecond pulses from a fibre-based chirped pulse amplification system via adaptive pulse shaping. , 2009, , .		0
167	A Picosecond Optical Parametric Oscillator Synchronously Pumped by an Amplified Gain-Switched Laser Diode. , 2010, , .		0
168	High power high repetition rate picosecond optical parametric oscillator pumped by frequency doubled all-fiber Yb-doped MOPA. Proceedings of SPIE, 2012, , .	0.8	0
169	Supercontinuum generation with femtosecond pulse fiber amplified VECSELs. Proceedings of SPIE, 2013, , .	0.8	0
170	PbSe quantum dots grown in a high-index, low-melting-temperature glass for infrared laser applications. Proceedings of SPIE, 2013, , .	0.8	0
171	Generation of transfonn-limited picosecond pulses at 1.0 µm from a gain switched semiconductor laser diode. , 2013, , .		0
172	An ion-exchanged Thulium-doped germanate glass channel waveguide laser operating near 1.9 μm. , 2013, , .		0
173	Fundamentally mode-locked Yb³⁺-doped glass waveguide lasers with repetition rate of up to 15.2 GHz. , 2013, , .		0
174	Graphene Q-switched mode-locked waveguide laser operating at 1535 nm. , 2014, , .		0
175	Near- infrared, mode-locked waveguide lasers with multi-GHz repetition rates. , 2014, , .		0
176	Ytterbium-doped mixed sesquioxides grown by pulsed laser deposition. , 2017, , .		0
177	<title>Laser-assisted microstructuring for Ti:sapphire channel-waveguide fabrication</title>. , 2003, , .		0
178	Adaptive Phase Shaping in a Fiber Chirped Pulse Amplification System. Springer Series in Chemical Physics, 2009, , 953-955.	0.2	0
179	High pulse energy, picosecond MgO:PPLN optical parametric oscillator using a single-mode fiber for signal feedback. , 2011, , .		0
180	200W Gain-Switched-Diode-Seeded, Single-Polarization, Narrow-Linewidth, All-Fiber, Picosecond MOPA. , 2013, , .		0

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181	Idler-Resonant Femtosecond Optical Parametric Oscillator with High Mid-Infra-Red Beam Quality. , 2014, , .		0
182	7 W Diode-End-Pumped PLD-Grown Yb:Lu2O3 Planar Waveguide Laser. , 2015, , .		0
183	Laser Performance of Yb-doped-Garnet Thin Films Grown by Pulsed Laser Deposition. , 2016, , .		0
184	Er:YGG Planar Waveguide Amplifiers for LIDAR Applications. , 2016, , .		0
185	High-peak-power, high-efficiency, frequency doubled and quadrupled Thulium fiber laser. , 2018, , .		0
186	Towards high-power on-chip GHz frequency combs. , 2018, , .		0