

# David P Shepherd

## List of Publications by Year in descending order

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186  
papers

3,834  
citations

101496

36  
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189801

50  
g-index

186  
all docs

186  
docs citations

186  
times ranked

1816  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-average-power picosecond mid-infrared OP-GaAs OPO. Optics Express, 2020, 28, 5741.	1.7	30
2	Controllable duration and repetition-rate picosecond pulses from a high-average-power OP-GaAs OPO. Optics Express, 2020, 28, 32540.	1.7	9
3	High-beam-quality, watt-level, widely tunable, mid-infrared OP-GaAs optical parametric oscillator. Optics Letters, 2019, 44, 2744.	1.7	8
4	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
5	Pulsed laser deposition of crystalline garnet waveguides at a growth rate of 20 $\mu\text{m}$ per hour. Surface and Coatings Technology, 2018, 343, 7-10.	2.2	9
6	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
7	Particulate reduction in ternary-compound film growth via pulsed laser deposition from segmented binary-targets. Materials Research Express, 2018, 5, 036402.	0.8	4
8	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 $\mu\text{m}$ . Optics Express, 2018, 26, 6490.	1.7	24
9	Yb-doped mixed-sesquioxide films grown by pulsed laser deposition. Journal of Crystal Growth, 2018, 491, 51-56.	0.7	6
10	High-peak-power, high-efficiency, frequency doubled and quadrupled Thulium fiber laser. , 2018, , .		0
11	Towards high-power on-chip GHz frequency combs. , 2018, , .		0
12	Er:YGG planar waveguides grown by pulsed laser deposition for LIDAR applications. , 2017, , .		3
13	Ytterbium-doped mixed sesquioxides grown by pulsed laser deposition. , 2017, , .		0
14	Ytterbium-doped-garnet crystal waveguide lasers grown by pulsed laser deposition. Optical Materials Express, 2017, 7, 1628.	1.6	14
15	Dynamic control of refractive index during pulsed-laser-deposited waveguide growth. Optical Materials Express, 2017, 7, 4073.	1.6	10
16	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
17	Engineering of thin crystal layers grown by pulsed laser deposition. , 2016, , .		1
18	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

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19	An 115 W Yb:YAG planar waveguide laser fabricated via pulsed laser deposition. <i>Optical Materials Express</i> , 2016, 6, 91.	1.6	27
20	Ultrafast High-Repetition-Rate Waveguide Lasers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016, 22, 16-24.	1.9	21
21	Laser Performance of Yb-doped-Garnet Thin Films Grown by Pulsed Laser Deposition. , 2016, , .		0
22	Er:YGG Planar Waveguide Amplifiers for LIDAR Applications. , 2016, , .		0
23	Fabrication of Y-Splitters and Mach-Zehnder Structures on (Yb,Nb):RbTiOPO <sub>4</sub> ;RbTiOPO <sub>4</sub> Epitaxial Layers by Reactive Ion Etching. <i>Journal of Lightwave Technology</i> , 2015, 33, 1863-1871.	2.7	18
24	Pulsed laser deposited diode-pumped 74 W Yb:Lu <sub>2</sub> O <sub>3</sub> planar waveguide laser. <i>Optics Express</i> , 2015, 23, 31691.	1.7	14
25	Graphene Q-Switched Mode-Locked and Q-Switched Ion-Exchanged Waveguide Lasers. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 646-649.	1.3	26
26	456-mW graphene Q-switched Yb:yttria waveguide laser by evanescent-field interaction. <i>Optics Letters</i> , 2015, 40, 1912.	1.7	28
27	Fiber-laser-pumped, high-energy, mid-IR, picosecond optical parametric oscillator with a high-harmonic cavity. <i>Optics Letters</i> , 2015, 40, 3288.	1.7	27
28	High-energy, near- and mid-IR picosecond pulses generated by a fiber-MOPA-pumped optical parametric generator and amplifier. <i>Optics Express</i> , 2015, 23, 12613.	1.7	26
29	Broadband telecom to mid-infrared supercontinuum generation in a dispersion-engineered silicon germanium waveguide. <i>Optics Letters</i> , 2015, 40, 4118.	1.7	49
30	Crystal Planar Waveguides, a Power Scaling Architecture for Low-Gain Transitions. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2015, 21, 380-389.	1.9	15
31	7 W Diode-End-Pumped PLD-Grown Yb:Lu <sub>2</sub> O <sub>3</sub> Planar Waveguide Laser. , 2015, , .		0
32	1.94 GHz CW Modelocked Ytterbium-Doped Bismuthate Glass Waveguide Laser. , 2015, , .		2
33	Yb-fiber amplifier pumped idler-resonant PPLN optical parametric oscillator producing 90 femtosecond pulses with high beam quality. <i>Applied Physics B: Lasers and Optics</i> , 2014, 117, 987-993.	1.1	13
34	Graphene Q-switched mode-locked waveguide laser operating at 1535 nm. , 2014, , .		0
35	Compact, high-pulse-energy, high-power, picosecond master oscillator power amplifier. <i>Optics Express</i> , 2014, 22, 21938.	1.7	23
36	Generation of mode-locked optical pulses at 1035 nm from a fiber Bragg grating stabilized semiconductor laser diode. <i>Optics Express</i> , 2014, 22, 13366.	1.7	4

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37	Near- infrared, mode-locked waveguide lasers with multi-GHz repetition rates. , 2014, , .		0
38	Q-switched operation of a pulsed-laser-deposited Yb:Y <sub>2</sub> O <sub>3</sub> waveguide using graphene as a saturable absorber. Optics Letters, 2014, 39, 4325.	1.7	21
39	Idler-Resonant Femtosecond Optical Parametric Oscillator with High Mid-Infra-Red Beam Quality. , 2014, , .		0
40	Supercontinuum generation with femtosecond pulse fiber amplified VECSELS. Proceedings of SPIE, 2013, , .	0.8	0
41	PbSe quantum dots grown in a high-index, low-melting-temperature glass for infrared laser applications. Proceedings of SPIE, 2013, , .	0.8	0
42	Generation of transform-limited picosecond pulses at 1.0 μm from a gain switched semiconductor laser diode. , 2013, , .		0
43	Growth of PbSe Quantum Dots Within High-Index Lead-Phosphate Glass for Infrared Saturable Absorbers. Journal of the American Ceramic Society, 2013, 96, 197-200.	1.9	10
44	Supercontinuum Generation With GHz Repetition Rate Femtosecond-Pulse Fiber-Amplified VECSELS. IEEE Photonics Technology Letters, 2013, 25, 464-467.	1.3	29
45	Low-threshold, mirrorless emission at 981 nm in an Yb,Gd,Lu:KYW inverted rib waveguide laser. Proceedings of SPIE, 2013, , .	0.8	1
46	Ion-exchanged Tm <sup>3+</sup> :glass channel waveguide laser. Optics Letters, 2013, 38, 1146.	1.7	12
47	A diode-pumped 1.5 μm waveguide laser mode-locked at 6.8 GHz by a quantum dot SESAM. Laser Physics Letters, 2013, 10, 105803.	0.6	23
48	Single-mode rib waveguides in (Yb,Nb):RbTiOPO <sub>4</sub> by reactive ion etching. Journal Physics D: Applied Physics, 2013, 46, 145108.	1.3	6
49	Fundamentally mode-locked, femtosecond waveguide oscillators with multi-gigahertz repetition frequencies up to 15 GHz. Optics Express, 2013, 21, 19608.	1.7	51
50	An ion-exchanged Thulium-doped germanate glass channel waveguide laser operating near 1.9 μm. , 2013, , .		0
51	Fundamentally mode-locked Yb <sup>3+</sup> -doped glass waveguide lasers with repetition rate of up to 15.2 GHz. , 2013, , .		0
52	200W Gain-Switched-Diode-Seeded, Single-Polarization, Narrow-Linewidth, All-Fiber, Picosecond MOPA. , 2013, , .		0
53	Green-pumped, picosecond MgO:PPLN optical parametric oscillator. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 144.	0.9	22
54	High-power, high repetition-rate, green-pumped, picosecond LBO optical parametric oscillator. Optics Express, 2012, 20, 7008.	1.7	32

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55	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
56	High pulse energy, picosecond MgO:PPLN optical parametric oscillator using a single-mode fiber for signal feedback. , 2011, , .		0
57	A Picosecond Optical Parametric Oscillator Synchronously Pumped by an Amplified Gain-Switched Laser Diode. , 2010, , .		0
58	Erbium-Doped Waveguide Laser in Tantalum Pentoxide. IEEE Photonics Technology Letters, 2010, 22, 1571-1573.	1.3	24
59	High-power, variable repetition rate, picosecond optical parametric oscillator pumped by an amplified gain-switched diode. Optics Express, 2010, 18, 7602.	1.7	26
60	Compact, high-pulse-energy, picosecond optical parametric oscillator. Optics Letters, 2010, 35, 3580.	1.7	38
61	High-quality energy-scalable femtosecond pulses from a fibre-based chirped pulse amplification system via adaptive pulse shaping. , 2009, , .		0
62	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
63	Adaptive Phase Shaping in a Fiber Chirped Pulse Amplification System. Springer Series in Chemical Physics, 2009, , 953-955.	0.2	0
64	High fidelity femtosecond pulses from an ultrafast fiber laser system via adaptive amplitude and phase pre-shaping. , 2009, , .		2
65	Efficient blue upconversion emission due to confined radiative energy transfer in Tm <sup>3+</sup> –Nd <sup>3+</sup> co-doped Ta <sub>2</sub> O <sub>5</sub> waveguides under infrared-laser excitation. Optics Communications, 2008, 281, 3691-3694.	1.0	18
66	High energy femtosecond fiber chirped pulse amplification system with adaptive phase control. Optics Express, 2008, 16, 5813.	1.7	23
67	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
68	High-power slab-based Tm:YLF laser for in-band pumping of Ho:YAG. , 2008, , .		13
69	Investigation of neodymium-diffused yttrium vanadate waveguides by confocal microluminescence. Journal of Applied Physics, 2008, 103, .	1.1	12
70	High energy femtosecond fiber chirped pulse amplification system with adaptive phase control. , 2008, , .		1
71	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
72	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

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73	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
74	Ti:Sapphire waveguide lasers. Laser Physics Letters, 2007, 4, 560-571.	0.6	36
75	Growth of a multilayer garnet crystal double-clad waveguide structure by pulsed laser deposition. Thin Solid Films, 2007, 515, 7971-7975.	0.8	9
76	Optical Waveguide Growth and Applications. , 2006, , 383-420.		5
77	Diode-pumped garnet crystal waveguide structures fabricated by pulsed laser deposition. , 2006, , .		1
78	Room-temperature continuous-wave operation of Ti:sapphire buried channel-waveguide lasers fabricated via proton implantation. Optics Letters, 2006, 31, 3450.	1.7	40
79	Intra-cavity side-pumped Ho:YAG laser. Optics Express, 2006, 14, 10481.	1.7	65
80	Room temperature infrared-laser-induced upconversion in Nd <sup>3+</sup> doped Ta <sub>2</sub> O <sub>5</sub> waveguides. Chemical Physics Letters, 2006, 421, 198-204.	1.2	7
81	A power-scaling strategy for longitudinally diode-pumped Tm:YLF lasers. Applied Physics B: Lasers and Optics, 2006, 84, 389-393.	1.1	109
82	Parametric transfer in a synchronously pumped optical parametric oscillator. , 2006, , .		1
83	Parallel broadband fluorescent light source for optical coherence tomography. , 2005, , .		4
84	Nd:Ta <sub>2</sub> O <sub>5</sub> rib waveguide lasers. Applied Physics Letters, 2005, 86, 021110.	1.5	18
85	Neodymium-doped tantalum pentoxide waveguide lasers. IEEE Journal of Quantum Electronics, 2005, 41, 1565-1573.	1.0	33
86	Single-transverse-mode Ti:sapphire rib waveguide laser. Optics Express, 2005, 13, 210.	1.7	43
87	Channel waveguide lasers in a lead silicate glass fashioned using the extrusion technique. Applied Physics Letters, 2004, 85, 2727-2729.	1.5	7
88	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
89	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
90	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

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91	Laser operation of a low loss (0.1 dB/cm) Nd:Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> thick (40 μm) planar waveguide grown by pulsed laser deposition. Optics Communications, 2004, 229, 355-361.	1.0	36
92	Thick film growth of high optical quality low loss (0.1 dB/cm) Nd:Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> on Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> by pulsed laser deposition. Applied Surface Science, 2004, 223, 361-371.	3.1	27
93	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
94	Single-mode direct-ultraviolet-written channel waveguide laser in neodymium-doped silica on silicon. Optics Letters, 2004, 29, 947.	1.7	22
95	Transition-metal-doped chalcogenide glasses for broadband near-infrared sources. , 2004, , .		3
96	Femtosecond optical parametric oscillators: a practical approach for power scaling tunable sources. , 2004, 5620, 77.		0
97	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
98	Synchronously pumped CdSe optical parametric oscillator in the 9-10 μm region. Optics Letters, 2003, 28, 1957.	1.7	42
99	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
100	Multi-watt, high efficiency, diffraction-limited nd:yag planar waveguide laser. IEEE Journal of Quantum Electronics, 2003, 39, 493-500.	1.0	34
101	<title>Laser-assisted microstructuring for Ti:sapphire channel-waveguide fabrication</title>. , 2003, , .		0
102	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
103	Development of channel waveguide lasers in Nd <sup>3+</sup> -doped chalcogenide (Ga:La:S) glass through photoinduced material modification. Applied Physics Letters, 2002, 81, 3708-3710.	1.5	44
104	Synchronously pumped optical parametric oscillator driven by a femtosecond mode-locked fiber laser. Optics Letters, 2002, 27, 1052.	1.7	30
105	Compact diode-pumped passively Q-switched tunable Er <sup>3+</sup> /Yb double-clad fiber laser. Optics Letters, 2002, 27, 1980.	1.7	124
106	Extended operation of synchronously pumped optical parametric oscillators to longer idler wavelengths. Optics Letters, 2002, 27, 2106.	1.7	27
107	End-pumped, passively Q-switched Yb:YAG double-clad waveguide laser. Optics Letters, 2002, 27, 2161.	1.7	35
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	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
110	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
111	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
112	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
113	Power scaling of continuous-wave adaptive gain-grating laser resonators. Optics Communications, 2002, 205, 197-205.	1.0	2
114	High-power planar dielectric waveguide lasers. Journal Physics D: Applied Physics, 2001, 34, 2420-2432.	1.3	86
115	Continuous-wave broadband emitter based on a transition-metal-ion-doped waveguide. Optics Letters, 2001, 26, 283.	1.7	20
116	Longitudinally diode-pumped Nd:YAG double-clad planar waveguide laser. Optics Letters, 2001, 26, 698.	1.7	20
117	Continuous-wave and passively Q-switched cladding-pumped planar waveguide lasers. Optics Letters, 2001, 26, 881.	1.7	54
118	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
119	Ti:sapphire planar waveguide coherent broadband emitter. , 2001, , .		0
120	Non-reciprocal transmission via phase conjugation in multimode optical fibres. Optics Communications, 2001, 190, 357-365.	1.0	2
121	Non-reciprocal transmission via phase conjugation in multimode optical fibres. , 2001, , .		0
122	15 W diode-side-pumped Tm:YAG waveguide laser at 2 [micro sign]m. Electronics Letters, 2001, 37, 898.	0.5	49
123	Synchronously pumped optical parametric oscillator with diffraction-grating tuning. Journal Physics D: Applied Physics, 2001, 34, 2440-2454.	1.3	30
124	End-pumped double-clad waveguide laser. , 2001, , .		1
125	Distortion-correcting holographic resonators. , 2000, , .		0
126	The effect of particulate density on performance of Nd:Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> waveguide lasers grown by pulsed laser deposition. Optics Communications, 2000, 185, 145-152.	1.0	34



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127	Ion-exchange across a direct-bonded interface. , 2000, , .		0
128	Multiwatt continuous-wave adaptive laser resonator. Optics Letters, 2000, 25, 1346.	1.7	18
129	Ion-exchanged tapered-waveguide laser in neodymium-doped BK7 glass. Optics Letters, 2000, 25, 1433.	1.7	23
130	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
131	Laser operation of Nd:LaF <sub>3</sub> thin film grown by molecular beam epitaxy. Electronics Letters, 1999, 35, 398.	0.5	33
132	Buried laser waveguides in neodymium-doped BK-7 by K <sup>+</sup> Na <sup>+</sup> ion-exchange across a direct-bonded interface. Applied Physics Letters, 1999, 75, 3757-3759.	1.5	13
133	High-numerical-aperture, contact-bonded, planar waveguides for diode-bar-pumped lasers. Optics Communications, 1999, 160, 47-50.	1.0	15
134	Second-harmonic generation in a direct-bonded periodically poled LiNbO <sub>3</sub> buried waveguide. Optics Letters, 1999, 24, 481.	1.7	18
135	High-phase-conjugate reflectivity (>80%) obtained by degenerate four-wave mixing in a continuous-wave diode-side-pumped Nd:YVO <sub>4</sub> amplifier. Optics Letters, 1999, 24, 972.	1.7	22
136	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
137	High-inversion densities in Nd:YAG-upconversion and bleaching. IEEE Journal of Quantum Electronics, 1998, 34, 900-909.	1.0	98
138	Diode-bar end-pumped high-power Nd:Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> planar waveguide laser. Optics Letters, 1998, 23, 942.	1.7	40
139	A polarized brightness-enhanced Nd:Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> 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	A diode-pumped, high gain, planar waveguide, Nd:Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> amplifier. Applied Physics Letters, 1997, 71, 876-878.	1.5	9
142	Thermally bonded planar waveguide lasers. Applied Physics Letters, 1997, 71, 1139-1141.	1.5	40
143	Performance of a low-loss pulsed-laser-deposited Nd:Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> waveguide laser at 106 and 094µm. Optics Letters, 1997, 22, 988.	1.7	48
144	900-nm Nd:Ti:LiNbO <sub>3</sub> waveguide laser. Optics Letters, 1997, 22, 1778.	1.7	13

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145	Blue avalanche upconversion in Tm:ZBLAN fiber. Journal of the Optical Society of America B: Optical Physics, 1997, 14, 926.	0.9	16
146	An efficient, diode-pumped, 2 $\mu$ m Tm:YAG waveguide laser. Optics Communications, 1997, 142, 239-243.	1.0	60
147	Low loss (0.5 dB/cm) Nd:Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> waveguide layers grown by pulsed laser deposition. Optics Communications, 1997, 144, 183-186.	1.0	33
148	Non-photorefractive CW Tm-indiffused Ti:LiNbO <sub>3</sub> waveguide laser operating at room temperature. IEEE Photonics Technology Letters, 1996, 8, 209-211.	1.3	50
149	Laser operation of an Nd:Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> thin-film optical waveguide fabricated by pulsed laser deposition. Applied Physics Letters, 1996, 69, 10-12.	1.5	76
150	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
151	Channel waveguide laser at 1 $\mu$ m in Yb-indiffused LiNbO <sub>3</sub> . Optics Letters, 1995, 20, 1477.	1.7	63
152	Growth by liquid phase epitaxy and low-threshold laser oscillation at 2.012 $\mu$ m of a Tm:YAG waveguide laser. , 1995, 2380, 14.		1
153	A low threshold, room temperature 1.64 $\mu$ m Yb:Er:Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> waveguide laser. Journal of Applied Physics, 1994, 76, 7651-7653.	1.1	23
154	19- $\mu$ m operation of a Tm:lead germanate glass waveguide laser. Optics Letters, 1994, 19, 954.	1.7	71
155	Quasi-three level 1.03 $\mu$ m laser operation of a planar ion-implanted Yb:YAG waveguide. Optics Communications, 1993, 99, 211-215.	1.0	39
156	Low threshold quasi-three-level 946 nm laser operation of an epitaxially grown Nd:Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> waveguide. Applied Physics Letters, 1993, 63, 7-9.	1.5	40
157	Ion-implanted Nd:GGG channel waveguide laser. Optics Letters, 1992, 17, 52.	1.7	53
158	Growth and low-threshold laser oscillation of an epitaxially grown Nd:YAG waveguide. Optics Letters, 1992, 17, 810.	1.7	86
159	Optically written waveguides in ion implanted Bi <sub>4</sub> Ge <sub>3</sub> O <sub>12</sub> . Optical Materials, 1992, 1, 177-184.	1.7	14
160	A side-pumped Nd:YAG epitaxial waveguide laser. Optics Communications, 1992, 91, 229-235.	1.0	23
161	Ion implanted Nd:YAG waveguide lasers. IEEE Journal of Quantum Electronics, 1991, 27, 428-433.	1.0	43
162	Ion-implanted Nd:MgO:LiNbO <sub>3</sub> planar waveguide laser. Optics Letters, 1991, 16, 481.	1.7	74

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163	OPTICAL PROPERTIES OF Tm DOPED LiNbO3 AND LiNbO3 (MgO). European Physical Journal Special Topics, 1991, 01, C7-293-C7-296.	0.2	4
164	An efficient, diode-pumped, ion-implanted Nd: GGG planar waveguide laser. Optics Communications, 1991, 86, 161-166.	1.0	33
165	Low threshold ion-implanted Nd:YAG channel waveguide laser. Electronics Letters, 1991, 27, 2375.	0.5	53
166	Characterization of ion implanted waveguides in Nd:YAG. Journal of Applied Physics, 1991, 69, 3440-3446.	1.1	43
167	Ion-implanted Nd:YAP planar waveguide laser. Electronics Letters, 1990, 26, 1826.	0.5	28
168	Active mode-locking of an Yb:Er fibre laser. Electronics Letters, 1989, 25, 95.	0.5	21
169	Active mode-locking and Q-switching of a 1.54 $\mu\text{m}$ Er: Glass laser pumped by A 1.064 $\mu\text{m}$ Nd: YAG laser. Optics Communications, 1988, 65, 355-358.	1.0	4
170	A synchronously pumped waveguide CH4 Raman laser at 1.54 $\mu\text{m}$ . Optics Communications, 1988, 65, 279-282.	1.0	6
171	CW operation of Nd:YAG pumped Yb:Er phosphate glass laser at 1.54 $\mu\text{m}$ . Optics Communications, 1988, 69, 153-155.	1.0	2
172	Efficient operation of an Yb-sensitised Er fibre laser at 1.56 $\mu\text{m}$ . Electronics Letters, 1988, 24, 1135.	0.5	47
173	A 1.54 $\mu\text{m}$ Er glass laser pumped by a 1.064 $\mu\text{m}$ Nd:YAG laser. Optics Communications, 1987, 63, 417-420.	1.0	20
174	Diode-bar-pumped planar waveguide lasers. , 0, , .		0
175	Proximity-coupled, diode-bar-pumped, waveguide laser. , 0, , .		0
176	Nd:LaF <sub>3</sub> channel waveguide lasers fabricated by molecular beam epitaxy. , 0, , .		0
177	Ion-exchanged Nd:glass tapered waveguide laser. , 0, , .		0
178	Long-wavelength operation of synchronously pumped optical parametric oscillators based on periodically poled LiNbO <sub>3</sub> . , 0, , .		0
179	Single-mode UV-written buried channel waveguide lasers in direct-bonded neodymium-doped SGBN. , 0, , .		0
180	Power-scaling continuous-wave adaptive laser resonators. , 0, , .		0

#	ARTICLE	IF	CITATIONS
181	Gain measurements at 2.8 $\mu\text{m}$ and fluorescence spectroscopy in Er:LaF <sub>3</sub> waveguides fabricated by molecular beam epitaxy. , 0, , .		0
182	Synchronously pumped, mid-infrared CdSe optical parametric oscillator. , 0, , .		0
183	Pulse shaping in an optical parametric oscillator with fibre feedback. , 0, , .		0
184	Multi-watt, diffraction-limited, cw and Q-switched, diode-end-pumped, double-clad waveguide lasers. , 0, , .		0
185	Diode-pumped passively Q-switched tunable Er-Yb double-clad fibre laser. , 0, , .		0
186	Tuning of a synchronously pumped optical parametric oscillator via a four-plate birefringent filter. , 0, , .		0