Valentin Petrov

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1075616/publications.pdf

Version: 2024-02-01

791 papers	14,220 citations	26630 56 h-index	56724 83 g-index

793 all docs	793 docs citations	793 times ranked	4396 citing authors

#	Article	IF	Citations
1	Polarized spectroscopy and diode-pumped laser operation of disordered Yb:Ca₃Gd₂(BO₃)₄ crystal. Optical Materials Express, 2022, 12, 673.	3.0	5
2	Thermo-optic dispersion properties of CdSe for parametric nonlinear interactions. Optical Materials Express, 2022, 12, 963.	3.0	8
3	Second-order nonlinear optical coefficients of the monoclinic crystal BaGa₄Se₇. Optics Letters, 2022, 47, 842.	3.3	3
4	Polarized spectroscopy and SESAM mode-locking of Tm,Ho:CALGO. Optics Express, 2022, 30, 7883.	3.4	21
5	Sub-100 fs SWCNT-SA mode-locked Tm,Ho:LCLNGG laser. , 2022, , .		0
6	Soliton mode-locked Yb:Ca₃Gd₂(BO₃)₄ laser. Optics Express, 2022, 30, 11833.	3.4	2
7	Diode-pumped and tunable laser operation of Tm,Ho-codoped modified CNGG-type disordered crystals. , 2022, , .		0
8	Efficient generation of few-cycle pulses beyond 10ÂĨ¼m from an optical parametric amplifier pumped by a 1-Âµm laser system. Scientific Reports, 2022, 12, 5082.	3.3	14
9	Transmission and absorption measurements of GaAsP layers grown from the vapor phase. , 2022, , .		1
10	High-energy, narrowband, non-resonant PPKTP optical parametric oscillator. , 2022, , .		1
11	Refined Sellmeier equations of CdGa2S4 for prediction of phase-matching in mixed Hg1-xCdxGa2S4 nonlinear crystals. , 2022, , .		1
12	SESAM mode-locked Yb:Sr₃Y₂(BO₃)₄ laser. Optics Express, 2022, 30, 11861.	3.4	8
13	Diode-pumped SESAM mode-locked Yb:(Y,Gd)AlO₃ laser. Optics Express, 2022, 30, 11825.	3.4	5
14	Disordered Yb:GdYCOB crystal: polarized spectroscopy, thermal lensing and diode-pumped lasers. , 2022, , .		0
15	Dual-dispersion-regime dual-comb mode-locked laser. Optics Letters, 2022, 47, 1762.	3.3	1
16	Continuous-wave and passively mode-locked operation of Yb:Ca3Gd2(BO3)4 laser. , 2022, , .		0
17	Crystal growth and characterization of a new quaternary hexagonal nonlinear crystal for the mid-IR: Ba2Ga8GeS16. Journal of Alloys and Compounds, 2022, 907, 164378.	5.5	7
18	Tm,Ho:Ca(Gd,Lu)AlO4 crystals: Crystal growth, structure refinement and Judd-Ofelt analysis. Journal of Luminescence, 2022, 246, 118828.	3.1	12

#	Article	IF	Citations
19	Growth, structure, and polarized spectroscopy of monoclinic Er³⁺:MgWO₄ crystal. Optical Materials Express, 2022, 12, 2028.	3.0	3
20	Diode-pumped mode-locked Yb:BaF₂ laser. Optics Express, 2022, 30, 15807.	3.4	9
21	Kerr-lens mode-locked ytterbium-activated orthoaluminate laser. Optics Letters, 2022, 47, 3027.	3.3	4
22	Watt-level femtosecond Tm-doped â€œmixedâ€•sesquioxide ceramic laser in-band pumped by a Raman fiber laser at 1627 nm. Optics Express, 2022, 30, 23978.	3.4	14
23	Hexagonal Ba2Ga8GeS16 for nonlinear optics in the mid-IR. , 2022, , .		1
24	Disordered Tm3+,Ho3+-codoped CNGG garnet crystal: Towards efficient laser materials for ultrashort pulse generation at â¼2ÂÎ¼m. Journal of Alloys and Compounds, 2021, 853, 157100.	5.5	20
25	Growth, spectroscopy and laser operation of monoclinic Nd:CsGd(MoO4)2 crystal with a layered structure. Journal of Luminescence, 2021, 231, 117793.	3.1	8
26	Seven-octave high-brightness and carrier-envelope-phase-stable light source. Nature Photonics, 2021, 15, 277-280.	31.4	57
27	Comparative study of Yb:Lu3Al5O12 and Yb:Lu2O3 laser ceramics produced from laser-ablated nanopowders. Ceramics International, 2021, 47, 6633-6642.	4.8	9
28	Monoclinic zinc monotungstate Yb3+,Li+:ZnWO4: Part II. Polarized spectroscopy and laser operation. Journal of Luminescence, 2021, 231, 117811.	3.1	5
29	Highly efficient 2.3â€‰â€‰Âµm thulium lasers based on a high-phonon-energy crystal: evidence of vibronic-assisted emissions. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 482.	2.1	23
30	Seven-Octave High-Brightness and Carrier Envelope Phase-Stable Light Source. , 2021, , .		1
31	Structured laser beams: toward 2-Î¼m femtosecond laser vortices. Photonics Research, 2021, 9, 357.	7.0	24
32	Mid-IR difference-frequency generation in OP-GaAs inside the cavity of a narrow-band nanosecond PPLN optical parametric oscillator. , 2021, , .		0
33	Accurate Sellmeier equations for AgGaS2 in the 0.565-10.6321 Î¼m spectral range. , 2021, , .		1
34	Few-cycle, ÂµJ-level pulses beyond 5 Âµm from 1-Âµm-pumped OPA's based on non-oxide nonlinear crystals. , 2021, , .		3
35	Diode-pumped sub-50-fs Kerr-lens mode-locked Yb:GdYCOB laser. Optics Express, 2021, 29, 13496.	3.4	9
36	Sub-50â€‰â€‰fs pulse generation from a SESAM mode-locked Tm,Ho-codoped calcium aluminate laser. Optics Letters, 2021, 46, 2642.	3.3	21

#	Article	IF	Citations
37	Kerr-lens mode-locked Tm-doped sesquioxide ceramic laser. Optics Letters, 2021, 46, 3428.	3.3	19
38	Sub-50-fs SESAM mode-locked Tm,Ho:Ca(Gd,Lu)AlO4 laser. , 2021, , .		0
39	Dualâ€Comb Femtosecond Solidâ€State Laser with Inherent Polarizationâ€Multiplexing. Laser and Photonics Reviews, 2021, 15, 2000441.	8.7	17
40	Efficient Laser Operation of Transparent "Mixed" 7 at.% Er:(Lu,Sc)2O3 Sesquioxide Ceramics near 2.8 Âµm. , 2021, , .		0
41	Refined Sellmeier equations for BaGa₄S₇. Applied Optics, 2021, 60, 6600.	1.8	2
42	Spectroscopy and laser operation of highly-doped 10Âat.% Yb:(Lu,Sc)2O3 ceramics. Optical Materials, 2021, 117, 111128.	3.6	9
43	Barium nonlinear optical crystals for the mid-IR: characterization and some applications. Journal of the Optical Society of America B: Optical Physics, 2021, 38, B46.	2.1	41
44	Tm3+-doped calcium lithium tantalum gallium garnet (Tm:CLTGG): novel laser crystal. Optical Materials Express, 2021, 11, 2938.	3.0	3
45	Tm:YAG single-crystal fiber laser. Optics Letters, 2021, 46, 4454.	3.3	14
46	Sub-100 fs mode-locked Tm:CLTGG laser. Optics Express, 2021, 29, 31137.	3.4	9
47	Spectroscopy and efficient laser operation around 2.8ÂÎ¼m of Er:(Lu,Sc)2O3 sesquioxide ceramics. Journal of Luminescence, 2021, 240, 118373.	3.1	14
48	Refined Sellmeier equations for AgGaSe₂ up to 18â€‰â€‰Âµm. Applied Optics, 2021, 60, 805.	1.8	3
49	Nanosecond optical parametric oscillator with midinfrared intracavity difference-frequency mixing in orientation-patterned GaAs. Optics Letters, 2021, 46, 332.	3.3	5
50	Thermal Properties of the Trigonal Quaternary Nonlinear Crystals BaGa2GeS6 and BaGa2GeSe6. , 2021, , .		2
51	High-Power, Narrow-Band PPLN Non-Resonant Optical Parametric Oscillator. , 2021, , .		0
52	Kerr-lens mode-locked Tm:(Lu,Sc)2O3 ceramic laser generating sub-60-fs pulses at 2.08 Âµm. , 2021, , .		0
53	Tm³⁺ and Ho³⁺ colasing in in-band pumped waveguides fabricated by femtosecond laser writing. Optics Letters, 2021, 46, 122.	3.3	7
54	SESAM Mode-Locked Yb:Ca3Gd2(BO3)4 Femtosecond Laser. Applied Sciences (Switzerland), 2021, 11, 9464.	2.5	4

#	Article	IF	Citations
55	SWCNT-SA mode-locked Tm,Ho:LCLNGG laser. Optics Express, 2021, 29, 40323.	3.4	6
56	Kerr-lens mode-locked Yb:SrLaAlO₄ laser. Optics Express, 2021, 29, 42837.	3.4	11
57	Single-walled carbon nanotube saturable-absorber mode-locked Tm:CLTGG laser. , 2021, , .		0
58	Polarized Spectroscopy and Eye-Safe Laser Operation of Monoclinic Er3+:MgWO4 Crystal. , 2021, , .		0
59	Seven-octave Ultra-bright Pulse Generation. , 2021, , .		1
60	Kerr-Lens Mode-Locked Yb:SrLaAlO4 Laser. , 2021, , .		0
61	Temperature-Tuned Parametric Oscillation in CdSe. , 2021, , .		0
62	340 - 40,000 nm coherent light source. , 2021, , .		0
63	SESAM mode-locked Yb:SrLaAlO₄ laser. Optics Express, 2021, 29, 43820.	3.4	4
64	Fluorite-type Tm3+:KY3F10: A promising crystal for watt-level lasers at âˆ¼1.9â€Î¼m. Journal of Alloys and Compounds, 2020, 813, 152176.	5.5	23
65	Ultrafast Laser Inscription and âˆ¼2 Î¼m Laser Operation of Y-Branch Splitters in Monoclinic Crystals. Journal of Lightwave Technology, 2020, 38, 4374-4384.	4.6	7
66	Monoclinic zinc monotungstate Yb3+,Li+:ZnWO4: Part I. Czochralski growth, structure refinement and Raman spectra. Journal of Luminescence, 2020, 228, 117601.	3.1	9
67	Watt-level ultrafast laser inscribed thulium waveguide lasers. Progress in Quantum Electronics, 2020, 72, 100266.	7.0	14
68	35 W continuous-wave Ho:YAG single-crystal fiberÂlaser. High Power Laser Science and Engineering, 2020, 8, .	4.6	16
69	Efficient laser operation of Yb:Lu3Al5O12 transparent ceramics fabricated from laser ablated nanopowders. , 2020, , .		2
70	Progress in ultrafast, mid-infrared optical parametric chirped pulse amplifiers pumped at 1 Âµm. , 2020, , .		3
71	Determination of Sellmeierâ€™s equations and nonlinear coefficients of the BGSe crystal, and calculation of infrared emission from phase-matched optical parametric generation (Conference) Tj ETQq1 1 0.784314 rgBT /Overlock		
72	SESAM mode-locked Tm:LuYO₃ ceramic laser generating 54-fs pulses at 2048â€‰â€‰nm. Applied Optics, 2020, 59, 10493.	1.8	40

#	Article	IF	Citations
73	Tunable Narrow-Band PPLN Non-Resonant Optical Parametric Oscillator. , 2020, , .		1
74	Growth, Spectroscopy and Laser Operation in Disordered Tm,Ho:Ca(Gd,Lu)A!O4 Crystals. , 2020, , .		1
75	Self-frequency-doubling Yb:CNGS lasers operating in the femtosecond regime. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 2822.	2.1	8
76	Ultrafast laser inscribed waveguide lasers in Tm:CALGO with depressed-index cladding. Optics Express, 2020, 28, 3528.	3.4	6
77	Spectroscopy and diode-pumped laser operation of transparent Tm:Lu₃Al₅O₁₂ ceramics produced by solid-state sintering. Optics Express, 2020, 28, 28399.	3.4	6
78	SWCNT-SA mode-locked Tm:LuYO₃ ceramic laser delivering 8-optical-cycle pulses at 2.05â€‰â€‰Âµm. Optics Letters, 2020, 45, 459.	3.3	26
79	High-energy 2â€‰â€‰Âµm pulsed vortex beam excitation from a Q-switched Tm:LuYAG laser. Optics Letters, 2020, 45, 722.	3.3	14
80	Upconversion pumping of a 2.3â€‰â€‰Âµm Tm³⁺:KY₃F₁₀ laser with a 1064â€‰â€‰nm ytterbium fiber laser. Optics Letters, 2020, 45, 931.	3.3	21
81	Graphene mode-locked operation of Tm3+:YLiF4 and Tm3+:KY3F10 lasers near 23â€‰â€‰Âµm. Optics Letters, 2020, 45, 656.	3.3	17
82	Effective nonlinearity of the new quaternary chalcogenide crystal BaGa₂GeSe₆. Optics Letters, 2020, 45, 2136.	3.3	14
83	Spectroscopy and high-power laser operation of a monoclinic Yb³⁺:MgWO₄ crystal. Optics Letters, 2020, 45, 1770.	3.3	10
84	Low-loss fs-laser-written surface waveguide lasers at >2â€‰â€‰Âµm in monoclinic Tm3+:MgWO4. Optics Letters, 2020, 45, 4060.	3.3	4
85	Few-cycle mid-infrared pulses from BaGa₂GeSe₆. Optics Letters, 2020, 45, 3813.	3.3	20
86	Efficient, sub-4-cycle, 1-Âµm-pumped optical parametric amplifier at 10â€‰â€‰Âµm based on BaGa₄S₇. Optics Letters, 2020, 45, 5692.	3.3	23
87	Single-walled carbon-nanotube saturable absorber assisted Kerr-lens mode-locked Tm:MgWO4 laser. Optics Letters, 2020, 45, 6142.	3.3	11
88	Generation of a Femtosecond Optical Vortex at ~ 2 Âµm. , 2020, , .		0
89	Growth, spectroscopy and laser operation of Yb3+,Na+/Li+-codoped CNGG-type garnets promising for ultrafast lasers. , 2020, , .		0
90	Efficient laser operation in cleaved single-crystal plates of Yb:KY(MoO4)2: A novel molybdate compound. , 2020, , .		0

#	Article	IF	Citations
91	Dual-comb Generation from a Simple Single-cavity Mode-locked Bulk Laser. , 2020, , .		0
92	58-fs Pulses Generation from a SWCNT-SA Mode-Locked Mixed Sesquioxide Tm:(Lu,Sc)2O3 Ceramic Laser. , 2020, , .		0
93	Barium Nonlinear Optical Crystals for the Mid-IR: Characterization and Applications. , 2020, , .		0
94	Watt-Level Thulium Laser Operating on the 3H4 â†' 3 H5 Transition with ~70% Slope Efficiency. , 2020, , .		0
95	Intracavity Mid-IR Difference-Frequency Generation in OP-GaAs inside a Nanosecond Optical Parametric Oscillator. , 2020, , .		0
96	Ultrafast Laser Inscribed Waveguide Lasers in Tm3+:SrF2. , 2020, , .		0
97	Tunable Continuous-Wave 2.3-Î¼m Tm3+:KY3F10 Laser Upconversion Pumped with an Ytterbium Fiber Laser. , 2020, , .		0
98	Effective Nonlinearity of Trigonal Crystals of Symmetry Class 3 on the Example of the Non-Oxide BaGa2GeSÐµ6. , 2020, , .		0
99	Effective Nonlinearity of BaGa2GeSe6: A Promising Quaternary Chalcogenide Crystal for the Mid-IR. , 2020, , .		0
100	Growth, spectroscopy and diode-pumped laser operation of acentric Yb:KGd(PO3)4 crystal. EPJ Web of Conferences, 2020, 243, 12002.	0.3	0
101	Multi-watt continuous-wave and passively Q-switched Tm:CaYAlO4 micro-lasers. , 2020, , .		0
102	73-fs SESAM mode-locked Tm,Ho:CNGG laser at 2061 nm. , 2020, , .		3
103	Laser operation of cleaved single-crystal plates and films of Tm:KY(MoO₄)₂. Optics Express, 2020, 28, 9039.	3.4	6
104	Phase-matching properties of LiIn(SxSe1-x) for THG of a CO2 laser at 10.5910 Î¼m. , 2020, , .		0
105	Spectroscopy and efficient laser operation of cleaving Yb:KY(MoO4)2 crystal. Optical Materials Express, 2020, 10, 2356.	3.0	5
106	Near-Infrared Femtosecond Direct Laser Written Waveguide Lasers [Invited]. , 2020, , .		0
107	Laser Operation of Yb3+-doped Lu-based Oxide Ceramics: A Comparative Study. , 2020, , .		0
108	Crystal Growth and Characterization of a New Quaternary Chalcogenide Nonlinear Crystal for the Mid-Infrared: PbGa2GeSe6. Crystal Growth and Design, 2019, 19, 4224-4228.	3.0	8

#	Article	IF	Citations
109	Sub-60 fs SESAM Mode-Locked Tm:LuYO3 Ceramic Laser. , 2019, , .		0
110	Propagation and orbital angular momentum of vortex beams generated from a spiral phase plate-fiber. Laser Physics Letters, 2019, 16, 035106.	1.4	2
111	Ultrafast Laser Inscription and Laser Operation of Y-Branch Splitters in Monoclinic Thulium-Doped Crystals. , 2019, , .		0
112	Growth, spectroscopy and first laser operation of monoclinic Ho3+:MgWO4 crystal. Journal of Luminescence, 2019, 213, 316-325.	3.1	18
113	Progress in Passively Mode-Locked 2-Micron Tm and Ho Bulk Solid-State Lasers. , 2019, , .		0
114	Spectroscopy, Continuous-Wave and Passively Q-Switched Laser Operation of Transparent Tm:LuAG Ceramics. , 2019, , .		0
115	Femtosecond-Laser-Written Waveguide Lasers at âˆ¼2 Î¼m. , 2019, , .		0
116	76 fs SWCNT-SA Mode-Locked Tm:MgWO4 Laser at 2 Î¼m. , 2019, , .		0
117	Growth, Spectroscopy and Laser Operation of Tm,Ho:CNGG: A Promising Disordered Crystal for Mode-Locked Lasers. , 2019, , .		0
118	Laser-induced damage of nonlinear crystals in ultrafast, high-repetition-rate, mid-infrared optical parametric amplifiers pumped at 1 Âµm. , 2019, , .		5
119	Sub-100-fs bulk solid-state lasers near 2-micron. , 2019, , .		18
120	Thermo-optic dispersion formula for BaGa₂GeSe₆. Applied Optics, 2019, 58, 9709.	1.8	8
121	52-fs SESAM Mode-Locked Tm,Ho:CALGO Laser. , 2019, , .		7
122	Graphene and SESAM mode-locked Yb:CNGS lasers with self-frequency doubling properties. Optics Express, 2019, 27, 590.	3.4	13
123	Comparative study of Yb:KYW planar waveguide lasers Q-switched by direct- and evanescent-field interaction with carbon nanotubes. Optics Express, 2019, 27, 1488.	3.4	14
124	67-fs pulse generation from a mode-locked Tm,Ho:CLNGG laser at 2083 nm. Optics Express, 2019, 27, 1922.	3.4	32
125	Fs-laser-written thulium waveguide lasers Q-switched by graphene and MoS₂. Optics Express, 2019, 27, 8745.	3.4	20
126	â€œMixedâ€•Tm:Ca(Gd,Lu)AlO₄ â€” a novel crystal for tunable and mode-locked 2 Âµm lasers. Optics Express, 2019, 27, 9987.	3.4	33

#	Article	IF	Citations
127	Broadband vibrational sum-frequency generation spectrometer at 100 kHz in the 950-1750 cm^{â^'1} spectral range utilizing a LiGaS₂ optical parametric amplifier. Optics Express, 2019, 27, 15289.	3.4	29
128	Diamond saw dicing of thulium channel waveguide lasers in monoclinic crystalline films. Optics Letters, 2019, 44, 1596.	3.3	9
129	Femtosecond-laser-written Ho:KGd(WO₄)₂ waveguide laser at 21â€‰â€‰Î¼m. Optics Letters, 2019, 44, 1738.	3.3	17
130	Continuous-wave mid-infrared laser operation of Tm³⁺:KY₃F₁₀ at 23â€‰â€‰Î¼m. Optics Letters, 2019, 44, 3242.	3.3	35
131	27â€‰â€‰Î¼m optical vortex beam directly generated from an Er:Y₂O₃ ceramic laser. Optics Letters, 2019, 44, 4973.	3.3	14
132	Narrow-band periodically poled lithium niobate nonresonant optical parametric oscillator. Optics Letters, 2019, 44, 5659.	3.3	12
133	Spectroscopy and High-Power Laser Operation of Monoclinic Yb3+:MgWO4 crystal. , 2019, , .		0
134	Continuous-Wave and Graphene Mode-Locked Operation of a Tm3+:KY3F10 Laser at 2.3 Î¼m. , 2019, , .		0
135	Synthesis, Spectroscopy and Efficient Laser Operation of Tm:Lu3Al5O12 Transparent Ceramics. , 2019, , .		0
136	Watt-Level fs-Laser-Written Thulium Waveguide Lasers. , 2019, , .		0
137	Ultrafast Laser Inscribed Waveguide Lasers in Tm:CALGO. , 2019, , .		0
138	Frequency Down-Conversion of 1 Âµm Laser Radiation to the Mid-IR using Non-Oxide Nonlinear Crystals in Cascaded Intracavity Configurations. , 2019, , .		0
139	Sub-60-fs Pulse Generation from a SWCNT Mode-Locked Tm:LuYO3 Ceramic Laser at 2045 nm. , 2019, , .		0
140	Growth and Characterization of PbGa2GeSÐµ6: A New Quaternary Chalcogenide Nonlinear Crystal for the Mid-IR. , 2019, , .		0
141	Graphene mode-locked Tm,Ho:CLNGG laser with 70-fs pulse duration. , 2019, , .		0
142	Thermo-optic dispersion formula for LiGaS₂. Applied Optics, 2019, 58, 1519.	1.8	6
143	Laser operation of Nd3+-doped silicates (Gd,Y)2SiO5, (Lu,Y)2SiO5 and Lu2SiO5 at ~1.36 Î¼m. , 2019, , .		0
144	Graphene mode-locked Tm,Ho-codoped crystalline garnet laser producing 70-fs pulses near 21â€¦Âµm. OSA Continuum, 2019, 2, 2593.	1.8	1

#	Article	IF	Citations
145	Highly Efficient, Compact Tm3+:RE2O3 (RE = Y, Lu, Sc) Sesquioxide Lasers Based on Thermal Guiding. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-13.	2.9	40
146	Crystal growth, low-temperature spectroscopy and multi-watt laser operation of Yb:Ca3NbGa3Si2O14. Journal of Luminescence, 2018, 197, 90-97.	3.1	9
147	Oriented zinc oxide nanorods: A novel saturable absorber for lasers in the near-infrared. Beilstein Journal of Nanotechnology, 2018, 9, 2730-2740.	2.8	8
148	Passive Q switching of Yb:CNGS lasers by Cr⁴⁺:YAG and V³⁺:YAG saturable absorbers. Applied Optics, 2018, 57, 8236.	1.8	2
149	Phase-matching properties of BaGa₂GeSe₆ for three-wave interactions in the 0778â€“105910ÂĪ¼m spectral range. Applied Optics, 2018, 57, 7440.	1.8	22
150	Crystal growth and properties of the disordered crystal Yb:SrLaAlO₄: a promising candidate for high-power ultrashort pulse lasers. CrystEngComm, 2018, 20, 3388-3395.	2.6	19
151	Monoclinic Tm:MgWO4 crystal: Crystal-field analysis, tunable and vibronic laser demonstration. Journal of Alloys and Compounds, 2018, 763, 581-591.	5.5	18
152	Efficient diode-pumped Er:KLu(WO_4)_2 laser at âˆ¼161â€‰â€‰Î¼m. Optics Letters, 2018, 43, 218.	3.3	6
153	Tm:KY₁-x-yGdxLuy(WO₄)₂ planar waveguide laser passively Q-switched by single-walled carbon nanotubes. Optics Express, 2018, 26, 4961.	3.4	14
154	Ho:KY(WO₄)₂ thin-disk laser passively Q-switched by a GaSb-based SESAM. Optics Express, 2018, 26, 9011.	3.4	5
155	Sub-10 optical-cycle passively mode-locked Tm:(Lu_{2/3}Sc_{1/3})₂O₃ ceramic laser at 2 Âµm. Optics Express, 2018, 26, 10299.	3.4	59
156	Growth, spectroscopy, and laser operation of â€œmixedâ€•vanadate crystals Yb:Lu₁₋x-yYxLayVO₄. Optical Materials Express, 2018, 8, 493.	3.0	8
157	Optical parametric oscillator pumped at ~1 Âµm with intracavity mid-IR difference-frequency generation in OPGaAs. Optical Materials Express, 2018, 8, 549.	3.0	11
158	Thermo-optic effects in Ho:KY(WO4)2 thin-disk lasers. Optical Materials Express, 2018, 8, 684.	3.0	7
159	Sb2Te3 thin film for the passive Q-switching of a Tm:GdVO4 laser. Optical Materials Express, 2018, 8, 1723.	3.0	24
160	Comparative study of the spectroscopic and laser properties of Tm³⁺, Na⁺(Li⁺)-codoped Ca₃Nb₁₅Ga₃₅O₁₂-type disordered garnet crystals for mode-locked lasers. Optical Materials Express, 2018, 8, 2287.	3.0	21
161	Generation of 84-fs pulses from a mode-locked Tm:CNNGG disordered garnet crystal laser. Photonics Research, 2018, 6, 800.	7.0	42
162	87â€‰â€‰fs mode-locked Tm,Ho:CaYAlO₄ laser at âˆ¼2043â€‰â€‰nm. Optics Letters, 2018, 43, 915.	3.3	56

#	Article	IF	Citations
163	Highly-Efficient Femtosecond-Laser-Written Waveguide Lasers at ~2 Âµm in Monoclinic Tm:MgWO4. , 2018, , .		0
164	Crystal growth, spectroscopy and first laser operation of a novel disordered tetragonal Tm:Na2La4(WO4)7 tungstate crystal. Journal of Luminescence, 2018, 203, 676-682.	3.1	10
165	Thermo-optic dispersion formula for BaGa₄Se₇. Applied Optics, 2018, 57, 2935.	1.8	16
166	PPLN OPO with Intracavity DFG in OPGaAs. , 2018, , .		0
167	Inkjet-printing of graphene saturable absorbers for ~2 Î¼m bulk and waveguide lasers. Optical Materials Express, 2018, 8, 2803.	3.0	7
168	78â€‰â€‰fs SWCNT-SA mode-locked Tm:CLNGG disordered garnet crystal laser at 2017â€‰â€‰nm. Optics Letters, 2018, 43, 4268.	3.3	47
169	Synthesis, spectroscopic characterization and laser operation of Ho3+ in â€œmixedâ€•(Lu,Sc)2O3 ceramics. Journal of Luminescence, 2018, 203, 145-151.	3.1	19
170	Femtosecond Yb-fiber laser synchronously pumped HgGa2S4 optical parametric oscillator tunable in the 4.4- to 12-Î¼m range. Optical Engineering, 2018, 57, 1.	1.0	4
171	Growth, Characterization and Laser Operation of Tm3+, Na+ codoped CNGG (Tm:CNNGG) Disordered Garnet. , 2018, , .		1
172	Crystal growth, spectroscopy and femtosecond laser performance of Tm,Na:CNGG disordered garnet crystal. , 2018, , .		2
173	Femtosecond mid-IR difference-frequency generation in BaGa2GeSe6 from a 40 MHz optical parametric oscillator pumped at 1035 nm. , 2018, , .		6
174	Intracavity-pumped, cascaded optical parametric oscillator based on BaGa₂GeSe₆. , 2018, , .		9
175	Measurement of Thermal Properties of Nonlinear Optical Materials over a Wide Temperature Range. , 2018, , .		1
176	Fs-laser-written erbium-doped double tungstate waveguide laser. Optics Express, 2018, 26, 30826.	3.4	9
177	Sub-80â€‰â€‰fs mode-locked Tm,Ho-codoped disordered garnet crystal oscillator operating at 2081â€‰â€‰nm. Optics Letters, 2018, 43, 5154.	3.3	29
178	43â€‰â€‰W, 155â€‰â€‰Î¼m and 125â€‰â€‰W, 31â€‰â€‰Î¼m dual-beam, sub-10 cycle, 100â€‰â€‰kHz optical parame Optics Letters, 2018, 43, 5246.	3.3	43
179	Passively Q-switched femtosecond-laser-written thulium waveguide laser based on evanescent field interaction with carbon nanotubes. Photonics Research, 2018, 6, 971.	7.0	23
180	High-Average-Power, 100-kHz OPCPA System with Dual Output at 1.55/3.1 Î¼m. , 2018, , .		0

#	Article	IF	Citations
181	Growth, spectroscopy and laser operation of â€œmixedâ€•Tm:Ca(Gd,Lu)AlO4 â€“ A novel crystal for mode-locked lasers. , 2018, , .		0
182	84-fs Pulse Generation from a Mode-Locked Tm,Ho:CLNGG Laser at 2080 nm. , 2018, , .		0
183	Magnitude of the nonlinear coefficients of the monoclinic crystal BaGa4Se7. , 2018, , .		0
184	Sub-100 fs pulse generation from a Tm,Ho:CALYO laser mode-locked by a GaSb-based SESAM at ~2043 nm. , 2018, , .		1
185	2D Materials for Mode-Locking of Bulk 2 Micron Lasers: Alternatives to SESAMs. , 2018, , .		0
186	78-fs Pulses from a SWCNTs Mode-Locked Tm:CLNGG Disordered Garnet Crystal Laser. , 2018, , .		0
187	Magnitude and Relative Sign of the Quadratic Nonlinear Coefficients of the BGSe Monoclinic Acentric Crystal. , 2018, , .		1
188	90Âº phase-matched Hg0.35Cd0.65Ga2S4 optical parametric oscillator pumped by a Nd:YAG laser. , 2018, , .		0
189	Dual-wavelength Nd:CaLnAlO4 lasers at 1.365 and 1.390 Âµm. , 2018, , .		0
190	Upconversion of the mid-IR pulses to the near-IR in LiGaS2. , 2018, , .		0
191	Tm:GdVO4 microchip laser Q-switched by a Sb2Te3 topological insulator. , 2018, , .		0
192	Passive Q-switching of femtosecond-laser-written Tm:KLu(WO4)2 waveguide lasers by graphene and MoS2 saturable absorbers. , 2018, , .		0
193	Highly-efficient Ho:KY(WO4)2 thin-disk lasers at 2.06 Âµm. , 2018, , .		0
194	100-kHz, dual-beam OPA delivering high-quality, 5-cycle angular-dispersion-compensated mid-infrared idler pulses at 31 Âµm. Optics Express, 2018, 26, 25793.	3.4	21
195	Q-Switching of Ytterbium Lasers by A Graphene Saturable Absorber. NATO Science for Peace and Security Series B: Physics and Biophysics, 2017, , 533-535.	0.3	1
196	Multi-watt passively Q-switched Yb:YAB/Cr:YAG microchip lasers. Proceedings of SPIE, 2017, , .	0.8	2
197	Graphene Q-switched Tm:KY(WO₄)₂waveguide laser. Laser Physics, 2017, 27, 045801.	1.2	13
198	Spectroscopy and laser operation of Indium-modified Yb:KLuW: a promising crystal for femtosecond lasers. , 2017, , .		0

#	Article	IF	Citations
199	Frequency down-conversion of 1 Î¼m laser radiation to the mid-IR using non-oxide nonlinear crystals in a cascaded intracavity configuration. , 2017, , .		0
200	High-Power, Few-Cycle, Angular Dispersion Compensated Mid-Infrared Pulses From a Noncollinear Optical Parametric Amplifier. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	12
201	Compact, high-repetition-rate source for broadband sum-frequency generation spectroscopy. APL Photonics, 2017, 2, .	5.7	23
202	Tm:CaGdAlO4: spectroscopy, microchip laser and passive Q-switching by carbon nanostructures. , 2017, , .		4
203	Highly-efficient multi-watt Yb:CaLnAlO4 microchip lasers. , 2017, , .		2
204	Efficient Micro-Lasers Based on Highly Doped Monoclinic Double Tungstates. IEEE Journal of Quantum Electronics, 2017, 53, 1-10.	1.9	15
205	Modelling of graphene Q-switched Tm lasers. Optics Communications, 2017, 389, 15-22.	2.1	36
206	Single-walled carbon nanotubes oust graphene and semiconductor saturable absorbers inQ-switched solid-state lasers at 2Âµm. Laser Physics Letters, 2017, 14, 095801.	1.4	8
207	Direct generation of an optical vortex beam from a diode-pumped Yb:MgWO₄laser. Laser Physics Letters, 2017, 14, 085807.	1.4	13
208	Sellmeier and thermo-optic dispersion formulas for CdGa 2 S 4 and their application to the nonlinear optics of Hg 1â^'x Cd x Ga 2 S 4. Optics Communications, 2017, 386, 49-52.	2.1	7
209	Indium-modified Yb:KLu(WO 4) 2 crystal: Growth, spectroscopy and laser operation. Journal of Luminescence, 2017, 183, 391-400.	3.1	6
210	Oriented ZnO nanorods: A novel saturable absorber for lasers at 1â€“2 Î¼m. , 2017, , .		2
211	Diode-pumped cryogenic Yb:KLu(WO<inf>4</inf>)<inf>2</inf> laser. , 2017, , .		0
212	Single-walled carbon nanotubes oust graphene and semiconductor saturable absorbers in Q-switched solid-state lasers at 2 Î¼m. , 2017, , .		0
213	Passively mode-locked femtosecond Tm:MgWO<inf>4</inf> laser. , 2017, , .		0
214	Holmium thin-disk laser at 2056 nm based on Ho:KYW/KYW epitaxy. , 2017, , .		0
215	Growth, spectroscopy and highly-efficient laser operation of a novel trigonal silicate crystal â€” Yb³⁺:Ca<inf>3</inf>NbGa<inf>3</inf>Si<inf>2</inf>O<inf>12</inf>. , 2017, , .	0
216	Femtosecond laser-written Tm:KLu(WO4)2 waveguide lasers. , 2017, , .		0

#	Article	IF	Citations
217	Holmium thin-disk laser based on Ho:KY(WO_4)_2/KY(WO_4)_2 epitaxy with 60% slope efficiency and simplified pump geometry. Optics Letters, 2017, 42, 3490.	3.3	16
218	Crystal growth, optical spectroscopy and laser action of Tm^3+-doped monoclinic magnesium tungstate. Optics Express, 2017, 25, 3682.	3.4	36
219	Sellmeier equations, group velocity dispersion, and thermo-optic dispersion formulas for CaLnAlO_4 (Ln = Y, Gd) laser host crystals. Optics Letters, 2017, 42, 2275.	3.3	45
220	Thulium doped LuAG ceramics for passively mode locked lasers. Optics Express, 2017, 25, 7084.	3.4	17
221	Continuous-wave and passively Q-switched cryogenic Yb:KLu(WO_4)_2 laser. Optics Express, 2017, 25, 25886.	3.4	4
222	Laser induced damage studies of LiNbO_3 using 1030-nm, ultrashort pulses at 10-1000 kHz. Optical Materials Express, 2017, 7, 240.	3.0	20
223	Disordered Tm:Ca_9La(VO_4)_7: a novel crystal with potential for broadband tunable lasing. Optical Materials Express, 2017, 7, 484.	3.0	12
224	High repetition rate, femtosecond and picosecond laser induced damage thresholds of Rb:KTiOPO_4 at 103 Âµm. Optical Materials Express, 2017, 7, 744.	3.0	10
225	Comparative spectroscopic and thermo-optic study of Tm:LiLnF_4 (Ln = Y, Gd, and Lu) crystals for highly-efficient microchip lasers at ~2 Î¼m. Optical Materials Express, 2017, 7, 844.	3.0	31
226	Highly-efficient laser operation of a novel trigonal silicate crystal Yb^3+:Ca_3NbGa_3Si_2O_14. Optical Materials Express, 2017, 7, 3626.	3.0	16
227	SESAM mode-locked Yb:GdYCOB femtosecond laser. Optical Materials Express, 2017, 7, 3791.	3.0	8
228	Synthesis, spectroscopy, and efficient laser operation of â€œmixedâ€•sesquioxide Tm:(Lu,Sc)_2O_3 transparent ceramics. Optical Materials Express, 2017, 7, 4192.	3.0	45
229	Femtosecond-laser-written hexagonal cladding waveguide in Tm:KLu(WO_4)_2: Âµ-Raman study and laser operation. Optical Materials Express, 2017, 7, 4258.	3.0	22
230	Continuous-wave and SESAM mode-locked femtosecond operation of a Yb:MgWO_4 laser. Optics Express, 2017, 25, 11827.	3.4	7
231	Monoclinic Tm^3+:MgWO_4: a promising crystal for continuous-wave and passively Q-switched lasers at â¼2â€‰â€‰Î¼m. Optics Letters, 2017, 42, 1177.	3.3	17
232	Graphene Q-switched Er,Yb:GdAl_3(BO_3)_4 laser at 1550â€‰â€‰nm. Applied Optics, 2017, 56, 4745.	2.1	8
233	Sub-100â€‰â€‰fs Tm:MgWO_4 laser at 2017â€‰â€‰nm mode locked by a graphene saturable absorber. Optics Letters, 2017, 42, 3076.	3.3	57
234	Phase-matching properties of LiGaSe_2 for SHG and SFG in the 1026â€“10591â€‰Î¼m range. Applied Optics, 2017, 56, 6126.	1.8	5

#	Article	IF	Citations
235	Rb:PPKTP optical parametric oscillator with intracavity difference-frequency generation in temperature-tuned OPGaAs. , 2017, , .		0
236	Monoclinic Tm³⁺:MgWO<inf>4</inf> â€" A novel efficient laser emitting above 2 Î¼m. , 2017, , .		0
237	Femtosecond-laser-written Tm:KLu(WO_4)_2 waveguide lasers. Optics Letters, 2017, 42, 1169.	3.3	43
238	Inkjet-Printing of Graphene Saturable Absorbers for ~2 Âµm Bulk and Waveguide Lasers. , 2017, , .		2
239	Sub-10 optical-cycle mode-locked Tm:(Lu2/3Sc1/3)2O3 mixed ceramic laser at 2057 nm. , 2017, , .		2
240	Intracavity difference-frequency mixing of optical parametric oscillator signal and idler pulses in BaGa_4Se_7. Applied Optics, 2017, 56, 2783.	2.1	24
241	Phase-matching properties of BaGa_4Se_7 for SHG and SFG in the 0901â€"105910â€°â€‰Î¼m range. Applied Optics, 2017, 56, 2978.	2.1	41
242	Passively Mode-Locked Tm:LuAG Ceramic Laser. , 2017, , .		1
243	Intracavity Difference-Frequency Mixing of OPO Signal and Idler Pulses in BaGa4Se7. , 2017, , .		1
244	Semiconductor saturable absorber Q-switching of a holmium micro-laser. Optics Express, 2017, 25, 4579.	3.4	8
245	Microchip Yb:CaLnAlO_4 lasers with up to 91% slope efficiency. Optics Letters, 2017, 42, 2431.	3.3	57
246	Phase-matching properties of LiGaS_2 in the 1025â€"105910â€°â€‰Î¼m spectral range. Optics Letters, 2017, 42, 4363.	3.3	27
247	Threshold reduction and mode selection with uncoated Raman crystal acting as a low-finesse cavity. Applied Optics, 2017, 56, 662.	2.1	0
248	Sub-100 fs Tm:MgWO4 laser at 2017 nm. , 2017, , .		0
249	Tm:KY(WO4)2 Planar Waveguide Laser Q-switched by Single-Walled Carbon Nanotubes. , 2017, , .		0
250	Power Scaling and Thermo-Optics of Ho:KY(WO4)2 Thin-Disk Lasers: Effect of Ho3+ Concentration. , 2017, , .		1
251	PPLN Optical Parametric Oscillator with Intracavity Difference-Frequency Generation in OPGaAs. , 2017, , .		1
252	Growth, Spectroscopy and Laser Operation of Tm-doped Monoclinic Magnesium Tungstate (Tm:MgWO4). , 2017, , .		0

#	Article	IF	Citations
253	Growth, Spectroscopy and Laser Operation of Novel â€œMixedâ€•Vanadate Crystals Yb:Lu1-x-yYxLayVO4. , 2017, , .		0
254	Picosecond Pulse Generation at 1177 nm by SRS in PbWO4 Pumped by a Multi-mJ, Multi-W Sub-ns Laser System. , 2017, , .		0
255	New applications of chalcopyrite crystals in nonlinear optics. Physica Status Solidi C: Current Topics in Solid State Physics, 2017, 14, 1600161.	0.8	4
256	Vibronic thulium laser at 2131â€‰â€‰nm Q-switched by single-walled carbon nanotubes. Journal of the Optical Society of America B: Optical Physics, 2016, 33, D19.	2.1	45
257	MoS_2 saturable absorber for passive Q-switching of Yb and Tm microchip lasers. Optical Materials Express, 2016, 6, 3262.	3.0	43
258	Properties of LiGa0.5In0.5Se2: A Quaternary Chalcogenide Crystal for Nonlinear Optical Applications in the Mid-IR. Crystals, 2016, 6, 85.	2.2	15
259	Semiconductor Saturable Absorber Q-Switching of a Holmium Microchip Laser. , 2016, , .		0
260	Tm:(LuxGd1â€“x)3Ga5O12 Disordered Garnet for Continuous-Wave and Passively Q-switched Microchip Lasers. , 2016, , .		1
261	SESAM mode-locked Tm:CALGO laser at 2 Âµm. Optical Materials Express, 2016, 6, 131.	3.0	59
262	Microchip laser operation of Yb-doped gallium garnets. Optical Materials Express, 2016, 6, 46.	3.0	31
263	Sub-nanosecond Yb:KLu(WO_4)_2 microchip laser. Optics Letters, 2016, 41, 2620.	3.3	29
264	Q-switching of Yb:YGG, Yb:LuGG and Yb:CNGG lasers by a graphene saturable absorber. Optical and Quantum Electronics, 2016, 48, 1.	3.3	12
265	Phase-matching properties of yellow color HgGa₂S₄ for SHG and SFG in the 0944â€“105910â€‰â€‰Î¼m range. Applied Optics, 2016, 55, 3145.	1.8	9
266	Passive Q-switching of a Tm,Ho:KLu(WO_4)_2 microchip laser by a Cr:ZnS saturable absorber. Applied Optics, 2016, 55, 3757.	2.1	14
267	Passive Q-switching of Yb bulk lasers by a graphene saturable absorber. Applied Physics B: Lasers and Optics, 2016, 122, 1.	2.2	14
268	LiGaSe₂optical parametric oscillator pumped by aQ-switched Nd:YAG laser. Laser Physics Letters, 2016, 13, 115401.	1.4	8
269	Broadly tunable mode-locked Ho:YAG ceramic laser around 21 Âµm. Optics Express, 2016, 24, 18003.	3.4	31
270	Widely tunable in the mid-IR BaGa_4Se_7 optical parametric oscillator pumped at 1064â€‰â€‰nm. Optics Letters, 2016, 41, 3667.	3.3	70

#	Article	IF	Citations
271	Phase-matching directions and refined Sellmeier equations of the monoclinic acentric crystal BaGa_4Se_7. Optics Letters, 2016, 41, 2731.	3.3	41
272	Tm,Ho:KY(WO₄)₂planar waveguide laser. Laser Physics Letters, 2016, 13, 095801.	1.4	6
273	Crystal growth and characterization of new quaternary chalcogenide nonlinear crystals for the mid-IR: BaGa_2GeS_6 and BaGa_2GeSe_6. Optical Materials Express, 2016, 6, 2933.	3.0	64
274	Passive Q-switching of microchip lasers based on Ho:YAG ceramics. Applied Optics, 2016, 55, 4877.	2.1	45
275	Rb:PPKTP optical parametric oscillator with intracavity difference-frequency generation in AgGaSe_2. Optics Letters, 2016, 41, 2791.	3.3	13
276	Thermal Lensing and Multiwatt Microchip Laser Operation of Yb:YCOB Crystals. IEEE Photonics Journal, 2016, 8, 1-12.	2.0	40
277	Temperature-dependent spectroscopy and microchip laser operation of Nd:KGd(WO4)2. Optical Materials, 2016, 58, 365-372.	3.6	11
278	Growth, spectroscopy and laser operation of Ho:KY(WO 4) 2. Journal of Luminescence, 2016, 179, 50-58.	3.1	26
279	Generation of coherent radiation in the vacuum ultraviolet using randomly quasi-phase-matched strontium tetraborate. Optics Letters, 2016, 41, 618.	3.3	24
280	Phase-matching properties of GaS0.4Se0.6for type-2 DFG in the 100.4-1030.6Î¼m range. , 2016, , .		0
281	Q-switching of a Tm,Ho:KLu(WO4)2microchip laser by a graphene-based saturable absorber. Laser Physics Letters, 2016, 13, 025801.	1.4	10
282	Spectroscopic and laser characterization of Yb,Tm:KLu(WO4)2 crystal. Optical Materials, 2016, 51, 223-231.	3.6	6
283	MoS2 Saturable Absorber for Passive Q-Switching of Yb and Tm Microchip Lasers. , 2016, , .		1
284	Femtosecond Mid-IR Difference-Frequency Generation in HgGa2S4 at 80 MHz. , 2016, , .		0
285	Sub-100 ns Tm:KLuW and Ho:KLuW Lasers Passively Q-switched with SWCNTs. , 2016, , .		0
286	Graphene Q-Switched Er, Yb:GdAl3(BO3)4 Laser at 1550 nm. , 2016, , .		0
287	Quaternary BaGa2GeS6 and BaGa2GeSÐµ6 Nonlinear Crystals for the Mid-IR Spectral Range. , 2016, , .		0
288	Passive Q-switching of Ho:YAG ceramic lasers at 2.1 Î¼m. , 2016, , .		0

#	Article	IF	Citations
289	Rb:PPKTP Optical Parametric Oscillator with Intracavity Difference-Frequency Generation in AgGaSe2. , 2016, , .		0
290	Vibronic Thulium Laser at 2131 nm Q-switched by Single-Walled Carbon Nanotubes. , 2016, , .		4
291	Comparative Study of Tm:LiLnF4 (Ln = Y, Gd, and Lu) Crystals for Microchip Lasers at ~2 Î¼m. , 2016, , .		0
292	Phase-Matching Properties of the Monoclinic Crystal BaGa4Se7. , 2016, , .		0
293	Intracavity-Pumped, Cascaded AgGaSe2 Optical Parametric Oscillator Tunable up to 18 Âµm. , 2016, , .		1
294	Widely Tunable in the Mid-IR BaGa4Se7 Optical Parametric Oscillator Pumped at 1064 nm. , 2016, , .		1
295	High Repetition Rate, Femtosecond and Picosecond Laser Induced Damage Thresholds of Rb:KTiOPO4 at 1.03 Âµm. , 2016, , .		0
296	Phase-Matching Measurements and Refinement of Sellmeier Equations of the New Nonlinear Crystal BaGa4Se7. , 2016, , .		1
297	Femtosecond mid-IR difference-frequency generation in HgGa_2S_4 from an 80â€‰â€‰MHz optical parametric oscillator pumped at 800â€‰â€‰nm. Journal of the Optical Society of America B: Optical Physics, 2016, 33, D7.	2.1	1
298	Different interaction schemes with carbon nanotubes in a pulsed planar waveguide laser. , 2015, , .		0
299	Progress in 1-μm pumped mid-IR optical parametric oscillators based on non-oxide nonlinear crystals. , 2015, , .		0
300	Thermo-Optic Dispersion Formulas for YCOB and GdCOB Laser Host Crystals. , 2015, , .		0
301	Ho:KLu(WO₄)₂ Microchip Laser Q-Switched by a PbS Quantum-Dot-Doped Glass. IEEE Photonics Technology Letters, 2015, 27, 1795-1798.	2.5	5
302	Mode-locked Tm,Ho:KLu(WO_4)_2 laser at 2060 nm using InGaSb-based SESAMs. Optics Express, 2015, 23, 4614.	3.4	20
303	Refinement of dispersion relations in the VUV from spectral fringes in non-phase-matched second harmonic generation. , 2015, , .		0
304	Laser, Passively Q-Switched With a :ZnSe Saturable Absorber. IEEE Photonics Journal, 2015, 7, 1-6.	2.0	5
305	Q-switching of Yb:KLu(WO<inf>4</inf>)<inf>2</inf> lasers with graphene saturable absorbers. , 2015, , .		0
306	Subnanosecond Tm:KLuW microchip laser Q-switched by a Cr:ZnS saturable absorber. Optics Letters, 2015, 40, 5220.	3.3	31

#	Article	IF	Citations
307	Tm, Ho:KLu(WO<inf>4</inf>)<inf>2</inf> microchip laser Q-switched by a Cr²⁺:ZnS saturable absorber. , 2015, , .		0
308	Intracavity-pumped Ho:KLu(WO<inf>4</inf>)<inf>2</inf> microchip laser at 2.1 μm. , 2015, , .		0
309	High-average-power, 50-fs parametric amplifier front-end at 155 Î¼m. Optics Express, 2015, 23, 33157.	3.4	27
310	Angle noncritical phase-matched second-harmonic generation in the monoclinic crystal BaGa_4Se_7. Optics Letters, 2015, 40, 4591.	3.3	46
311	Intracavity-pumped, cascaded AgGaSe_2 optical parametric oscillator tunable from 58 to 18 Âµm. Optics Express, 2015, 23, 33460.	3.4	33
312	Generation of Coherent Vacuum UV Radiation in Randomly Quasi-Phase-Matched Strontium Tetraborate. , 2015, , .		0
313	Diode-pumped SESAM mode-locked Yb:CLNGG laser. Optics and Laser Technology, 2015, 69, 144-147.	4.6	15
314	Efficient picosecond traveling-wave Raman conversion in a SrWO4 crystal pumped by multi-Watt MOPA lasers at 1064Ânm. Applied Physics B: Lasers and Optics, 2015, 120, 731-735.	2.2	9
315	Single-layer graphene saturable absorber for diode-pumped passively Q-switched Tm:KLu(WO₄)₂laser at 2Î¼m. Laser Physics Letters, 2015, 12, 095802.	1.4	3
316	Graphene Q-switched Yb:KYW planar waveguide laser. AIP Advances, 2015, 5, .	1.3	20
317	High average power difference-frequency generation of picosecond mid-IR pulses at 80MHz using an Yb-fiber laser pumped optical parametric oscillator. , 2015, , .		2
318	Ho:KLuW microchip laser intracavity pumped by a diode-pumped Tm:KLuW laser. Applied Physics B: Lasers and Optics, 2015, 120, 123-128.	2.2	13
319	Thermo-optic dispersion formulas for YCOB and GdCOB laser host crystals. Optical Materials Express, 2015, 5, 1089.	3.0	18
320	Spectral fringes in non-phase-matched SHG and refinement of dispersion relations in the VUV. Optics Express, 2015, 23, 10091.	3.4	8
321	Frequency down-conversion of solid-state laser sources to the mid-infrared spectral range using non-oxide nonlinear crystals. Progress in Quantum Electronics, 2015, 42, 1-106.	7.0	373
322	Temperature-tuned 90Â° phase-matched SHG and DFG in BaGa4S7. , 2015, , .		2
323	In-band-pumped Ho:KLu(WO_4)_2 microchip laser with 84% slope efficiency. Optics Letters, 2015, 40, 344.	3.3	35
324	Tm:KLu(WO_4)_2 microchip laser Q-switched by a graphene-based saturable absorber. Optics Express, 2015, 23, 14108.	3.4	59

#	Article	IF	Citations
325	Graphene Q-Switched Compact Yb:YAG Laser. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	15
326	GaSb-based SESAM mode-locked Tm:YAG ceramic laser at 2 Âµm. Optics Express, 2015, 23, 1361.	3.4	48
327	Difference-frequency generation of ultrashort pulses in the mid-IR using Yb-fiber pump systems and AgGaSe_2. Optics Express, 2015, 23, 2730.	3.4	43
328	Prospects of monoclinic Yb:KLu(WO_4)_2 crystal for multi-watt microchip lasers. Optical Materials Express, 2015, 5, 661.	3.0	29
329	Phase-matching properties of GaS0.4Se0.6 for difference-frequency generation in the 100.4-1030.6Î¼m range. , 2015, , .		0
330	Angular noncritical phase-matching second harmonic generation in BaGa4Se7. , 2015, , .		0
331	Inband-Pumped Ho:KLu(WO4)2 Microchip Laser Q-switched with a PbS-Quantum-Dot-Doped Glass. , 2015, , .		0
332	Progress in 1-Î¼m Pumped Mid-IR Optical Parametric Oscillators Based on Non-Oxide Nonlinear Crystals. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 193-206.	2.9	28
333	Laser-Induced Damage Study at 1.064 and 2.09 Î¼m of High Optical Quality CdSiP2 Crystal. , 2015, , .		1
334	High-repetition-rate, 90-Î¼J ultrafast chirped-pulse parametric amplifier front-end at 1.55 Î¼m. , 2015, , .		1
335	Oriented Single-Walled Carbon Nanotubes as Saturable Absorber for Passive Q-Switching of a Tm:KLuW Microchip Laser. , 2015, , .		0
336	Microchip Laser Operation of Yb-Doped Gallium Garnets. , 2015, , .		0
337	Intracavity-Pumped, Cascaded Mid-IR Optical Parametric Oscillator Based on AgGaSe2. , 2015, , .		0
338	Graphene-Based Saturable Absorber for Passive Q-switching of Tm:KLu(WO4)2 Microchip Laser. , 2015, , .		0
339	Sub-nanosecond Tm:KLuW Microchip Laser Q-switched by a Cr:ZnS Saturable Absorber. , 2015, , .		0
340	Microchip Laser Operation of Yb:YCOB Crystals. , 2015, , .		0
341	High-Average-Power, Picosecond Laser Induced Damage Behavior of Blank Lithium Niobate Crystals at 1030 nm. , 2015, , .		0
342	SESAM mode-locked Tm:CALGO laser at 2 Î¼m. , 2015, , .		0

#	Article	IF	Citations
343	Angular noncritical phase-matched second harmonic generation in BaGa4Se7. , 2015, , .		0
344	Difference-frequency generation of picosecond pulses in the mid-IR using an Yb-fiber pump system and AgGaSe2. , 2014, , .		0
345	Generation of 40â€‰ns laser pulses by a diode-pumped passively Q-switched Tm,Ho:YLF laser. Laser Physics Letters, 2014, 11, 115801.	1.4	5
346	Efficient diode-pumped Tm,Ho:KLuW laser. , 2014, , .		0
347	Continuous-wave laser performance of Tm:LuVO4under Ti:sapphire laser pumping. Laser Physics, 2014, 24, 035806.	1.2	10
348	Narrow-bandwidth, picosecond, 1064-nm pumped optical parametric generator for the mid-IR based on HgGa2S4. , 2014, , .		0
349	Graphene Saturable Absorber Q-switched Tm:KLu(WO4)2 Laser Emitting at 2 Î¼m. , 2014, , .		0
350	Difference-frequency generation of fs and ps mid-IR pulses in LiInSe2 based on Yb-fiber laser pump sources. , 2014, , .		0
351	Mid-infrared rotated image singly resonant twisted rectangle optical parametric oscillator based on HgGa_2S_4 pumped at 1064â€‰â€‰nm. Applied Optics, 2014, 53, 7951.	2.1	8
352	Diode-pumped continuous-wave (Ho,Tm):KLu(WO_4)_2 laser with >1 W output power. Optical Materials Express, 2014, 4, 2274.	3.0	2
353	Microchip laser operation of Tm,Ho:KLu(WO_4)_2 crystal. Optics Express, 2014, 22, 27976.	3.4	40
354	90-fs diode-pumped Yb:CLNGG laser mode-locked using single-walled carbon nanotube saturable absorber. Optics Express, 2014, 22, 5635.	3.4	16
355	Carbon nanostructure-based saturable absorber mirror for a diode-pumped 500-MHz femtosecond Yb:KLu(WO_4)_2 laser. Optics Express, 2014, 22, 15626.	3.4	14
356	Tm,Ho:KLu(WO_4)_2 laser mode-locked near 2 Î¼m by single-walled carbon nanotubes. Optics Express, 2014, 22, 26872.	3.4	8
357	HgGa2S4â€“based RISTRA OPO pumped at 1064 nm. , 2014, , .		0
358	Crystal growth, optical spectroscopy, and continuous-wave laser operation of co-doped (Ho,Tm):KLu(WO_4)_2 monoclinic crystals. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1415.	2.1	17
359	Laser damage of the nonlinear crystals CdSiP₂and ZnGeP₂studied with nanosecond pulses at 1064 and 2090Ânm. Optical Engineering, 2014, 53, 122511.	1.0	38
360	Efficient femtosecond 50 MHz repetition rate mid-IR source up to 17 Âµm by difference-frequency generation in AgGaSe2. , 2014, , .		5

#	Article	IF	Citations
361	Laser damage studies of CdSiP₂and ZnGeP₂nonlinear crystals with nanosecond pulses at 1064 and 2090 nm. Proceedings of SPIE, 2014, , .	0.8	8
362	200 ps pulse generation at 1180 nm with a SrWO4 Raman crystal pumped by a sub-nanosecond MOPA laser system. Laser Physics Letters, 2014, 11, 115401.	1.4	2
363	Tunable femtosecond laser based on the Nd³⁺:BaLaGa₃O₇disordered crystal. Laser Physics Letters, 2014, 11, 035802.	1.4	21
364	Crystal growth, optical spectroscopy, and continuous-wave laser operation of Ho:KLu(WO4)2 crystals. Applied Physics B: Lasers and Optics, 2014, 116, 455-466.	2.2	15
365	Thermal lensing in Yb:KLu(WO₄)₂crystals cut along the optical indicatrix axes. Laser Physics Letters, 2014, 11, 125802.	1.4	14
366	Difference-frequency generation of fs and ps mid-IR pulses in LiInSe_2 based on Yb-fiber laser pump sources. Optics Letters, 2014, 39, 4353.	3.3	28
367	Narrow bandwidth, picosecond, 1064â€‰â€‰nm pumped optical parametric generator for the mid-IR based on HgGa_2S_4. Optics Letters, 2014, 39, 4895.	3.3	6
368	Sellmeier and thermo-optic dispersion formulas for LiInSe₂. Applied Optics, 2014, 53, 1063.	1.8	11
369	Diode-pumped microchip Tm:KLu(WO_4)_2 laser with more than 3â€‰â€‰W of output power. Optics Letters, 2014, 39, 4247.	3.3	79
370	Characterization of the thermal lens in 3 at.%Tm:KLu(WO4)2and microchip laser operation. Laser Physics Letters, 2014, 11, 075001.	1.4	10
371	Thermal-Lens-Driven Effects in $N_{mathrm {g}}$ -Cut Yb-and Tm-Doped Monoclinic KLu(WO4)2 Crystals. IEEE Journal of Quantum Electronics, 2014, 50, 1-8.	1.9	55
372	Phase equilibrium studies in the PbTeâ€“Ga2Te3 and PbTeâ€“In2Te3 systems for growing new nonlinear optical crystals of PbGa6Te10 and PbIn6Te10 with transparency extending into the far-IR. Journal of Alloys and Compounds, 2014, 612, 386-391.	5.5	19
373	Passive Q-switching of a Diode-pumped Tm,Ho:YLF Laser Using Cr:ZnSe Saturable Absorber. , 2014, , .		1
374	Wavelength-Versatile Graphene-Gold Film Saturable Absorber Mirror for Ultra-Broadband Mode-Locking of Bulk Lasers. Scientific Reports, 2014, 4, 5016.	3.3	62
375	GaSb-based SESAM Mode-Locked Tm,Ho:KLuW Laser at 2060 nm. , 2014, , .		1
376	Diode-pumped SESAM mode-locked Yb:CLNGG laser. , 2014, , .		0
377	Mode-locking of a diode-pumped Yb:CLNGG laser using single-walled carbon nanotube saturable absorber. , 2014, , .		0
378	Optical damage limits in chalcogenide nonlinear crystals used in 1064nm pumped nanosecond optical parametric oscillators. Proceedings of SPIE, 2013, , .	0.8	0

#	Article	IF	Citations
379	Passively Q-switched Tm:BaY₂F8 lasers. Proceedings of SPIE, 2013, , .	0.8	1
380	Continuous-wave laser performance of Tm:LuVO4 under Ti:sapphire laser pumping. , 2013, , .		0
381	90° Phase-matched difference-frequency generation at 5.34–7.48 μm in BaGa<inf>4</inf>S<inf>7</inf>. , 2013, , .		0
382	Generation of Crystal-Structure Transverse Patterns via a Self-Frequency-Doubling Laser. Scientific Reports, 2013, 3, 1085.	3.3	5
383	Fourth-harmonic generation of the CO₂laser wavelength at 10.5910 Î¼m in BaGa₄S₇. Proceedings of SPIE, 2013, , .	0.8	5
384	1064nm pumped CdSiP2 optical parametric oscillator generating sub-300 ps pulses near 6.15Î¼m at 1â€“10 kHz repetition rates. Optics Communications, 2013, 291, 326-328.	2.1	16
385	Singly-resonant optical parametric oscillation based on the wide band-gap mid-IR nonlinear optical crystal LiGaS2. Optical Materials, 2013, 35, 1612-1615.	3.6	55
386	Optimization of dopant concentration in Ho:KLu(WO4)2laser achieving âˆ¼70% slope efficiency. Laser Physics, 2013, 23, 125801.	1.2	5
387	Narrowband, mid-infrared, seeded optical parametric generator based on non-critical CdSiP2 pumped by 120-ps, single longitudinal mode 1,064Ânm pulses. Applied Physics B: Lasers and Optics, 2013, 112, 453-456.	2.2	7
388	Optical orbital angular momentum conservation during the transfer process from plasmonic vortex lens to light. Scientific Reports, 2013, 3, 3191.	3.3	18
389	80-MHz difference-frequency generation of femtosecond pulses in the mid-infrared using GaS0.4Se0.6. Laser Physics Letters, 2013, 10, 075406.	1.4	10
390	Power scaling of thin-disk Tm-lasers based on Tm:KLu(WO<inf>4</inf>)<inf>2</inf>/KLu(WO<inf>4</inf>)<inf>2</inf> epitaxy. , 2013, , .		0
391	Diode-pumped continuous-wave laser operation of co-doped (Ho,Tm):KLu(WO4)2 monoclinic crystal. Optics and Laser Technology, 2013, 54, 326-328.	4.6	6
392	Dual-wavelength diode-pumped laser operation of N p-cut and N g-cut Tm:KLu(WO4)2 crystals. Applied Physics B: Lasers and Optics, 2013, 113, 125-131.	2.2	9
393	High-power HgGa₂S₄optical parametric oscillator pumped at 1064Ânm and operating at 100 Hz. Laser and Photonics Reviews, 2013, 7, L21-L24.	8.7	13
394	Second-harmonic generation in Hg_{0.35}Cd_{0.65}Ga₂S₄and Hg_{0.52}Cd_{0.48}Ga₂S₄. Proceedings of SPIE, 2013, , .	0.8	1
395	High-power, mid-IR HgGa2S4 OPOs pumped at 1064 nm. , 2013, , .		0
396	Difference-frequency generation of femtosecond pulses in the mid-IR using LiInSe2. , 2013, , .		0

#	Article	IF	Citations
397	Yb:KYW planar waveguide laser Q-switched by evanescent-field interaction with carbon nanotubes. Optics Letters, 2013, 38, 5090.	3.3	36
398	High-energy 1064-nm pumped optical parametric oscillator for the 6 Âµm spectral range based on HgGa2S4. , 2013, , .		1
399	High-power, 100-Hz HgGa2S4 OPO pumped at 1064 nm. , 2013, , .		0
400	Random spectrally resolved Maker fringes. Optics Letters, 2013, 38, 2691.	3.3	3
401	Femtosecond mid-IR difference-frequency generation in LiInSe_2. Optical Materials Express, 2013, 3, 1834.	3.0	17
402	Narrow-bandwidth, ~100Âps seeded optical parametric generation in CdSiP_2 pumped by Raman-shifted pulses at 1198Ânm. Optics Letters, 2013, 38, 3344.	3.3	19
403	Sub-100-fs Cr:YAG laser mode-locked by monolayer graphene saturable absorber. Optics Letters, 2013, 38, 1745.	3.3	54
404	80-MHz difference-frequency generation of femtosecond pulses in the mid-IR using GaS0.4Se0.6. , 2013, , .		0
405	High-energy picosecond OPO based on PPKTP. Laser Physics Letters, 2013, 10, 115404.	1.4	8
406	Optical damage studies of mercury thiogallate nonlinear crystals for use in 1-Î¼m pumped optical parametric oscillators. Optical Engineering, 2013, 52, 117102.	1.0	11
407	Synchronously pumped OPO for picosecond pulse generation in the mid-infrared near 6.45 Î¼m using AgGaS₂ and CdSiP₂: a comparative study. Laser Physics, 2013, 23, 085401.	1.2	16
408	378 fs pulse generation with Nd3+:SrLaGa3O7(Nd:SLG) disordered crystal. Laser Physics Letters, 2013, 10, 105815.	1.4	19
409	Optical spectroscopy of Tm³⁺â€‰:â€‰YAG transparent ceramics. Journal Physics D: Applied Physics, 2013, 46, 375301.	2.8	16
410	Highâ€energy optical parametric oscillator for the 6 Î¼m spectral range based on HgGa₂S₄ pumped at 1064 nm. Laser and Photonics Reviews, 2013, 7, L89.	8.7	11
411	Sub-ns OPO based on PPKTP with 1 mJ idler energy at 2.8 μm. , 2013, , .		0
412	Ho³⁺ lasing at 2060 nm in Co-doped Tm, Ho:KLu(WO<inf>4</inf>)<inf>2</inf>. , 2013, , .		0
413	Narrow-band, mid-infrared, CdSiP<inf>2</inf> based seeded optical parametric generator pumped by 120-ps, single mode 1064 nm laser. , 2013, , .		0
414	Sub-50 fs mode-locking of a Cr:YAG laser using an SWCNT-SA. Laser Physics Letters, 2013, 10, 085801.	1.4	5

#	Article	IF	Citations
415	Sub-100-fs mode-locking of the Cr:YAG laser using monolayer graphene saturable absorber. , 2013, , .		0
416	Energy scaling of a multipass-cavity mode-locked femtosecond bulk laser with a carbon nanotube saturable absorber. , 2013, , .		0
417	Passive Q-switching of a Tm:BaY2F8 laser. , 2013, , .		1
418	Passively Mode-Locked Tm:YAG Ceramic Laser at 2 Î¼m. , 2013, , .		0
419	New data for harmonic generation at 1.31~5.30Î¼m in LiInSe2. , 2013, , .		0
420	Narrow-bandwidth, ~100 ps, optical parametric generation in CdSiP2 pumped by Raman shifted pulses at 1198 nm. , 2013, , .		0
421	Compact passively Q-switched diode-pumped Tm:LiLuF_4 laser with 126ÂmJ output energy. Optics Letters, 2012, 37, 2544.	3.3	79
422	High-Efficiency Thin-Disk Tm-Laser Based on 5 at. % Tm:KLu(WO4)2/KLu(WO4)2 Epitaxy. , 2012, , .		0
423	Optical parametric generation in CdSiP_2 at 6125 Î¼m pumped by 8 ns long pulses at 1064 nm. Optics Letters, 2012, 37, 740.	3.3	36
424	Passive Q-switching of the diode pumped Tm3+:KLu(WO4)2 laser near 2-Âµm with Cr2+:ZnS saturable absorbers. , 2012, , .		0
425	Mid-infrared optical parametric oscillation in the wide-bandgap BaGa4S7 nonlinear crystal. , 2012, , .		1
426	Comparison of linear and RISTRA cavities for a 1064-nm pumped CdSiP2 OPO. , 2012, , .		4
427	Efficient thin-disk Tm-laser operation based on Tm:KLu(WO_4)_2/KLu(WO_4)_2 epitaxies. Optics Letters, 2012, 37, 356.	3.3	24
428	Passively Q-switched Tm:YLF laser. Optics Letters, 2012, 37, 1517.	3.3	61
429	Energy scaling of a carbon nanotube saturable absorber mode-locked femtosecond bulk laser. Optics Letters, 2012, 37, 3555.	3.3	14
430	175 fs Tm:Lu_2O_3 laser at 207 Âµm mode-locked using single-walled carbon nanotubes. Optics Express, 2012, 20, 5313.	3.4	80
431	Midinfrared optical parametric oscillator based on the wide-bandgap BaGa_4S_7 nonlinear crystal. Optics Letters, 2012, 37, 4146.	3.3	47
432	Narrow-bandwidth, mid-infrared, seeded optical parametric generation in 90Â° phase-matched CdSiP_2 crystal pumped by diffraction limited 500Âps pulses at 1064Ânm. Optics Letters, 2012, 37, 3219.	3.3	17

#	Article	IF	Citations
433	Manifestation of quantum disordered wave functions with weak localization from conical second harmonic generation in ferroelectric crystal. Applied Physics Letters, 2012, 100, 061119.	3.3	7
434	Femtosecond Pulses near 2 mum from a Tm:KLuW Laser Mode-Locked by a Single-Walled Carbon Nanotube Saturable Absorber. Applied Physics Express, 2012, 5, 092704.	2.4	41
435	Mode-locking of solid-state lasers by single-walled carbon-nanotube based saturable absorbers. Quantum Electronics, 2012, 42, 663-670.	1.0	19
436	Diode-pumped 2ÂÎ¼m vibronic (Tm³⁺, Yb³⁺):KLu(WO₄)₂ laser. Applied Optics, 2012, 51, 2701.	1.8	6
437	Passive Q-switching of the diode pumped Tm^3+:KLu(WO_4)_2 laser near 2-Âµm with Cr^2+:ZnS saturable absorbers. Optics Express, 2012, 20, 3394.	3.4	41
438	Passive Q-switching of a diode-pumped (Tm,Yb):KLu(WO4)2 laser near 2-Î¼m with a Cr²⁺:ZnS saturable absorber. Proceedings of SPIE, 2012, , .	0.8	2
439	Ho:KRE(WO4)2, RE=(Y, Gd, Lu), CW laser performance near 2.1 micron under resonant pumping by a Tm:KLu(WO4)2 laser. Proceedings of SPIE, 2012, , .	0.8	0
440	1.34 Î¼m Nd:YVO4 laser mode-locked by a single-walled carbon nanotube saturable absorber. Proceedings of SPIE, 2012, , .	0.8	3
441	Sub-nanosecond, 1-kHz, low-threshold, non-critical OPO based on periodically-poled KTP crystal pumped at 1064 nm. , 2012, , .		5
442	Graphene mode-locked femtosecond Yb:KLuW laser. Applied Physics Letters, 2012, 101, .	3.3	39
443	Sub-nanosecond, 1â€“10ÂkHz, low-threshold, non-critical OPOs based on periodically poled KTP crystal pumped at 1,064Ânm. Applied Physics B: Lasers and Optics, 2012, 109, 211-214.	2.2	18
444	Crystal growth, characterization and thin disk laser operation of KLu_{1â^'x}Tm_x(WO₄)₂/KLu(WO₄)₂ epitaxial layers. CrystEngComm, 2012, 14, 223-229.	3.6	3
445	Femtosecond Nd:Glass Lasers Pumped by Single-Mode Laser Diodes and Mode Locked With Carbon Nanotube or Semiconductor Saturable Absorber Mirrors. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 74-80.	2.9	18
446	Polarization switching in the 2-Âµm Tm:KLu(WO4)2 laser. Laser Physics Letters, 2012, 9, 104-109.	1.4	14
447	Spectroscopic properties and laser performance of a new mixed Yb0.015:Lu0.162Gd0.823VO4 crystal. Laser Physics Letters, 2012, 9, 285-290.	1.4	4
448	Parametric down-conversion devices: The coverage of the mid-infrared spectral range by solid-state laser sources. Optical Materials, 2012, 34, 536-554.	3.6	118
449	Steady state mode-locking of a 1.34 Î¼m Nd:YVO4 laser using a single-walled carbon nanotube saturable absorber. Applied Physics B: Lasers and Optics, 2012, 106, 1-4.	2.2	11
450	Mid-Infrared Optical Parametric Generation in CdSiP2 Crystal Pumped by 8-ns Long Pulses at 1064 nm. , 2012, , .		2

#	Article	IF	Citations
451	Non-critical OPO based on periodically-poled KTP crystal generating âˆ¼ 250 ps idler pulses at 1â€“10 kHz. , 2012, , .		0
452	Passive Q-Switching of a Tm:YLF Laser. , 2012, , .		0
453	Yb0.015:Lu0.162Gd0.823 VO4 CW Laser Performance. , 2012, , .		0
454	Sub-150 fs Pulses from a Tm:KLuW Oscillator in the 2 Âµm Wavelength Range. , 2012, , .		0
455	Narrow-bandwidth, mid-infrared, seeded optical parametric generation in 90Â° phase-matched CdSiP2 crystal pumped by diffraction limited 500-ps pulses at 1064 nm. , 2012, , .		0
456	Femtosecond Mode-Locked Thulium-Doped Lu2O3 Laser around 2 Âµm. , 2012, , .		0
457	In-band Pumped Nd:LuVO4 Laser Mode-locked by Negative Ï‡(2)-lens Formation in an Intracavity LBO Crystal. , 2012, , .		0
458	2.08 µm Ho:KLu(WO<inf>4</inf>)<inf>2</inf> laser resonantly pumped by a diode laser. , 2011, , .		0
459	Chi⁽²⁾-lens mode locking of a 1.34 µm Nd:GdVO<inf>4</inf> laser in-band pumped by a 880 nm laser diode. , 2011, , .		0
460	Effect of post-growth annealing on the optical properties of LiGaS 2 nonlinear crystals. , 2011, , .		0
461	Some properties of the mixed GaS 0.4 Se 0.6 nonlinear crystal in comparison to GaSe. , 2011, , .		4
462	Comparative study of crystallographic, spectroscopic, and laser properties of Tm<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math>in Na<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

#	Article	IF	Citations
469	High-efficiency single-crystal third-harmonic generation in BiB_3O_6. Optics Letters, 2011, 36, 3627.	3.3	27
470	Diode-pumped mode-locked Yb:YCOB laser generating 35 fs pulses. Optics Letters, 2011, 36, 4425.	3.3	111
471	BaGa_4S_7: wide-bandgap phase-matchable nonlinear crystal for the mid-infrared. Optical Materials Express, 2011, 1, 316.	3.0	40
472	PbIn_6Te_10: new nonlinear crystal for three-wave interactions with transmission extending from 17 to 25 Âµm. Optical Materials Express, 2011, 1, 1286.	3.0	33
473	Nonlinear, dispersive, and phase-matching properties of the new chalcopyrite CdSiP_2 [Invited]. Optical Materials Express, 2011, 1, 1292.	3.0	50
474	Optical, Thermal, Electrical, Damage, and Phase-Matching Properties of Lithium Selenoindate. , 2011, , .		0
475	Soft tissue ablation by picosecond synchronously-pumped CdSiP 2 -based optical parametric oscillator tuned to 6.45 Î¼m. Proceedings of SPIE, 2011, , .	0.8	3
476	Pulsed 2-micron lasers based on Tm³⁺-doped monoclinic double tungstate crystals. Proceedings of SPIE, 2011, , .	0.8	1
477	GaS0.4Se0.6: Relevant properties and potential for 1064 nm pumped mid-IR OPOs and OPGs operating above 5 Î¼m. Laser Physics, 2011, 21, 774-781.	1.2	39
478	Phaseâ€matching properties of BaGa₄S₇ and BaGa₄Se₇: Wideâ€bandgap nonlinear crystals for the midâ€infrared. Physica Status Solidi - Rapid Research Letters, 2011, 5, 31-33.	2.4	104
479	Continuous-wave co-lasing in a monoclinic co-doped (Ho,Tm):KLu(WO4)2 crystal. Laser Physics Letters, 2011, 8, 799-803.	1.4	21
480	Phase-Matching Properties of BaGa4S7 and BaGa4Se7: Wide-Bandgap Nonlinear Crystals for the Mid-Infrared. , 2011, , .		4
481	Picosecond mid-IR optical parametric amplifier based on GaS0.4Se0.6 pumped by a Nd:YAG laser system at 1064 nm. , 2011, , .		1
482	Nd:YVO4 Laser Mode-Locking at 1.34 Âµm by Negative Ï‡(2)-Lens Formation in an Intracavity BIBO Crystal. , 2011, , .		0
483	Polarization switching in the 2-Âµm Tm:KLu(WO2)4 laser. , 2011, , .		0
484	Simultaneous Dual-Wavelength Laser Operation in Co-Doped (Ho,Tm):KLu(WO4)2 Crystal. , 2011, , .		0
485	BaGa4S7: Wide-Bandgap Phase-Matchable Nonlinear Crystal for the Mid-Infrared. , 2011, , .		0
486	Passive Mode-Locking of a Tm:YLF Laser. , 2011, , .		2

#	Article	IF	Citations
487	New nonlinear crystal for three-wave interactions with transmission extending from 1.7 to 25 Âµm. , 2011, , .		1
488	Broadband, rapidly tunable, BiB<inf>3</inf>O<inf>6</inf> femtosecond optical parametric oscillator directly pumped by a Ti:sapphire. , 2011, , .		0
489	Sellmeier and thermo-optic dispersion formulas for CdSiP2. Journal of Applied Physics, 2011, 109, 116104.	2.5	17
490	Passive mode-locking of a Ti:Sapphire laser using low-dimensional carbon nanostructures. , 2011, , .		1
491	Rare-earth doped double tungstate crystals for solid-state bulk, thin-disk and waveguide lasers. , 2011, , .		0
492	Steady state mode-locking of the Nd:YVO 4 laser operating on the 1.34 Î¼m transition using intracavity SHG in BIBO or PPMgSLT. Proceedings of SPIE, 2011, , .	0.8	0
493	Mid-IR optical parametric oscillator based on LiGaS<inf>2</inf>. , 2011, , .		0
494	Diode-Pumped Ho-Doped KLu(WO₄)₂Laser at 2.08 Âµm. Applied Physics Express, 2011, 4, 072601.	2.4	17
495	New mixed LiGa 0.5 In 0.5 Se 2 nonlinear crystal for the mid-IR. Proceedings of SPIE, 2011, , .	0.8	6
496	Octave Spanning Ultra-Broadband Carbon Nanotube Saturable Absorber for Bulk Solid-State Lasers. , 2011, , .		1
497	Femtosecond Nd:glass Lasers Mode-Locked with Carbon Nanotube Saturable Absorber Mirror. , 2011, , .		0
498	Tm-doped KY(WO4)2 Planar Waveguide Laser Operating in the Continuous-wave and Q-switched Regimes. , 2011, , .		0
499	1.34-Î¼m Nd:YVO4 Laser Mode-Locking by Ï‡(2)-Lensing in Periodically Poled Stoichiometric Lithium Tantalate. , 2011, , .		1
500	Comparative study on the spectroscopic and laser propertiesof mixed vanadates Ybt:Y x Gd1-t-x VO4with different compositions. Wuli Xuebao/Acta Physica Sinica, 2011, 60, 014211.	0.5	0
501	Diode-Pumped Mode-Locked Yb3+:YCa4O(BO3)3 Laser Generating 35 fs Pulses. , 2011, , .		0
502	Over 10% conversion efficiency, single-crystal third-harmonic generation in BIBO. , 2011, , .		0
503	Nd:LuVO4 Laser Passively Mode-Locked by Ï‡(2)-Lens Formation in Periodically-Poled Stoichiometric Lithium Tantalate. , 2011, , .		1
504	Synchronously pumped at 1064 nm OPO based on CdSiP 2 for generation of high-power picosecond pulses in the mid-infrared near 6.4 Ã‚Âµm. Proceedings of SPIE, 2010, , .	0.8	2

#	Article	IF	Citations
505	Generation of Tunable, Ultrashort Pulses in the near-IR with an OPA System Based on BIBO. , 2010, , .		0
506	Passive mode-locking of acentric Yb-doped borate crystals. Laser Physics, 2010, 20, 1085-1090.	1.2	26
507	Study of the optical bistability in the laser oscillation ofÂYb:GdVO4 crystal. Applied Physics B: Lasers and Optics, 2010, 98, 87-91.	2.2	14
508	Boosting the Non Linear Optical Response of Carbon Nanotube Saturable Absorbers for Broadband Modeâ€Locking of Bulk Lasers. Advanced Functional Materials, 2010, 20, 1937-1943.	14.9	140
509	Femtosecond nonlinear frequency conversion based on BiB₃O₆. Laser and Photonics Reviews, 2010, 4, 53-98.	8.7	99
510	CW laser operation around 2- Î¼m in (Tm,Y b):KLu(WO4)2. Physics Procedia, 2010, 8, 157-161.	1.2	1
511	Passive mode-locking of the Yb:CNGG laser. Optics Communications, 2010, 283, 567-569.	2.1	38
512	Crystal growth and characterization of epitaxial layers of laser and nonlinear optical materials for thin-disk and waveguide laser applications. Optical Materials, 2010, 32, 1380-1384.	3.6	2
513	Disentangling Carbon Nanotubes for Broadband sub-100 fs Optical Switching. , 2010, , .		0
514	LiInSe 2 nanosecond optical parametric oscillator tunable from 4.7 to 8.7 Ã‚Âµm. Proceedings of SPIE, 2010, , .	0.8	9
515	65â€…fs diode-pumped diffusion-bonded Yb:KY(WO4)2/KY(WO4)2 laser. Electronics Letters, 2010, 46, 641.	1.0	6
516	99 fs Nd:Glass Laser Mode-Locked with Carbon Nanotube Saturable Absorber Mirror. Applied Physics Express, 2010, 3, 112702.	2.4	20
517	Complex behavior of a Yb:GdVO 4 laser with bistability and polarization switching. , 2010, , .		0
518	Diode-pumped passively Q-switched Tm:KLuW laser with a Cr2+:ZnSe saturable absorber. , 2010, , .		1
519	CW laser operation of a highly-doped Tm:KLu(WO 4) 2 /KLu(WO 4) 2 thin disk epitaxial laser. Proceedings of SPIE, 2010, , .	0.8	2
520	Observation of strong cascaded Kerr-lens dynamics in an optimally-coupled cw intracavity frequency-doubled Nd:YLF ring laser. Optics Express, 2010, 18, 4796.	3.4	12
521	Passive mode-locking of a diode-pumped Nd:YVO_4 laser by intracavity SHG in PPKTP. Optics Express, 2010, 18, 5754.	3.4	37
522	Broad emission band of Yb^3+ in the nonlinear Nb:RbTiOPO_4 crystal: origin and applications. Optics Express, 2010, 18, 7228.	3.4	12

#	Article	IF	Citations
523	CW lasing of Ho in KLu(WO_4)_2 in-band pumped by a diode-pumped Tm:KLu(WO_4)_2 laser. Optics Express, 2010, 18, 20793.	3.4	24
524	42-fs diode-pumped Yb:Ca_4YO(BO_3)_3 oscillator. Optics Express, 2010, 18, 24325.	3.4	27
525	Diode-pumped mode-locked Yb:LuScO_3 single crystal laser with 74 fs pulse duration. Optics Letters, 2010, 35, 511.	3.3	55
526	High-power picosecond Nd:GdVO_4 laser mode locked by SHG in periodically poled stoichiometric lithium tantalate. Optics Letters, 2010, 35, 1016.	3.3	32
527	Subnanosecond, 1 kHz, temperature-tuned, noncritical mid-infrared optical parametric oscillator based on CdSiP_2 crystal pumped at 1064 nm. Optics Letters, 2010, 35, 1230.	3.3	46
528	Broadly tunable, sub-30 fs near-infrared pulses from an optical parametric amplifier based on BiB_3O_6. Optics Letters, 2010, 35, 2139.	3.3	11
529	Mode locking of a Cr:YAG laser with carbon nanotubes. Optics Letters, 2010, 35, 2669.	3.3	33
530	Optical, thermal, electrical, damage, and phase-matching properties of lithium selenoindate. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 1902.	2.1	84
531	Diode-pumped Nd:BaY_2F_8 picosecond laser mode-locked with carbon nanotube saturable absorbers. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2739.	2.1	11
532	Passive mode-locking of a Nd:GdVO4 laser by intracavity SHG in periodically-poled stoichiometric lithium tantalate. , 2010, , .		0
533	Single-Walled Carbon Nanotube Saturable Absorber Mode-Locking of a Tm:KLuW Laser Near 2 Âµm. , 2010, , .		1
534	Continuous-wave lasing of monoclinic Ho:KLu(WO4)2 under in-band excitation by a diode-pumped Tm:KLu(WO4)2 laser. , 2010, , .		0
535	Generation of High Energy Sub 50 fs, Vacuum UV Pulses by Noncollinear FWM in Argon. , 2010, , .		0
536	Carbon-nanotube mode-locked Cr: YAG laser. , 2010, , .		1
537	Ultra-Broadband (> 500 nm) Single-Walled Carbon Nanotube Saturable Absorber Mode-Locking of Bulk Solid-State Lasers. , 2010, , .		0
538	Nd:GdVO4 laser passively mode-locked by cascaded nonlinearity in periodically-poled lithium tantalate. , 2010, , .		0
539	Sub-nanosecond, 1-kHz, temperature-tuned, non-critical mid-IR OPO based on CdSiP2 crystal pumped at 1064 nm. , 2010, , .		1
540	Sub-50 fs Diode-Pumped Yb:YCOB Laser. , 2010, , .		0

#	Article	IF	Citations
541	Tunable, continuous-wave near 2-Î¼m laser operation of Tm3+ in NaY(WO4)2 single crystal. , 2009, , .		2
542	Femtosecond Mode-Locking of the Yb3+:YCa4O(BO3)3Laser. , 2009, , .		0
543	GaSxSe1â^'x compounds for nonlinear optics. , 2009, , .		1
544	Broadly tunable LiInSe 2 optical parametric oscillator pumped by a Nd:YAG laser. Proceedings of SPIE, 2009, , .	0.8	4
545	Nonlinear refractive indices in Yb3+-doped and undoped monoclinic double tungstates KRE(WO4)2 whereÂRE=Gd,ÂY,ÂYb,ÂLu. Applied Physics B: Lasers and Optics, 2009, 96, 385-392.	2.2	11
546	Thermo-optic coefficients of monoclinic KLu(WO4)2. Applied Physics B: Lasers and Optics, 2009, 95, 653-656.	2.2	34
547	Orthorhombic nonlinear crystals of AgxGaxGe1â^'xSe2 for the mid-infrared spectral range. Optical Materials, 2009, 31, 590-597.	3.6	33
548	Comparative Study of High-Power Continuous-Wave Laser Performance of Yb-Doped Vanadate Crystals. IEEE Journal of Quantum Electronics, 2009, 45, 807-815.	1.9	40
549	High-energy, sub-30 fs near-IR pulses from a broadband optical parametric amplifier based on collinear interaction in BiB_3O_6. Optics Letters, 2009, 34, 689.	3.3	17
550	Noncritical singly resonant optical parametric oscillator operation near 62 Î¼m based on a CdSiP_2 crystal pumped at 1064 nm. Optics Letters, 2009, 34, 2399.	3.3	68
551	Noncritical singly resonant synchronously pumped OPO for generation of picosecond pulses in the mid-infrared near 64 Î¼m. Optics Letters, 2009, 34, 3053.	3.3	34
552	Passive mode-locking of a Tm-doped bulk laser near 2 Î¼m using a carbon nanotube saturable absorber. Optics Express, 2009, 17, 11007.	3.4	163
553	Nd:YAG pumped nanosecond optical parametric oscillator based on LiInSe_2 with tunability extending from 47 to 87 Î¼m. Optics Express, 2009, 17, 13441.	3.4	37
554	Sub-100 fs single-walled carbon nanotube saturable absorber mode-locked Yb-laser operation near 1 Âµm. Optics Express, 2009, 17, 20109.	3.4	63
555	Efficient Frequency Doubling of a Low-Power Femtosecond Er-Fiber Laser in BiB$_{3}$O$_{6}$. IEEE Photonics Technology Letters, 2009, 21, 1417-1419.	2.5	8
556	Effect of Structural Stress on the Laser Quality of Highly Doped Yb:KY(WO₄)₂/KY(WO₄)₂ and Yb:KLu(WO₄)₂/KLu(WO₄)₂ Epitaxial Structures. Crystal Growth and Design, 2009, 9, 653-656.	3.0	9
557	The nonlinear coefficient d 36 of CdSiP 2. Proceedings of SPIE, 2009, , .	0.8	49
558	Continuous-wave and Q-switched laser operation of the disordered Yb:Ca 3 (NbGa) 2-x Ga 3 O 12 crystal. Proceedings of SPIE, 2009, , .	0.8	0

#	Article	IF	Citations
559	Femtosecond optical parametric generators and amplifiers for the near infrared based on BiB 3 O 6. , 2009, , .		1
560	Lasing of Yb in a mixed YGdVO 4 crystal with bistability and polarization switching. Proceedings of SPIE, 2009, , .	0.8	0
561	Polarization characteristics of a diode pumped Yb:GdCa 4 O(BO 3) 3 laser. , 2009, , .		0
562	CdSiP2: a new nonlinear optical crystal for 1- and 1.5-micron-pumped mid-IR generation. , 2009, , .		11
563	Passively Mode-Locked Yb:LuScO3 Oscillator. , 2009, , .		2
564	Femtosecond nonlinear frequency conversion using BiB3O6 crystals from 250 nm in the UV to 3000 nm in the near-IR. , 2009, , .		0
565	Thermo-optic coefficients of monoclinic KLu(WO4)2. , 2009, , .		0
566	Single-Walled Carbon Nanotube Saturable Absorber Mode-Locked Yb:LuScO3 Laser. , 2009, , .		0
567	Nonlinear refractive indices in undoped and Yb-doped KT(WO4)2 T=Y, Yb, Gd, Lu crystals. , 2009, , .		0
568	Efficient frequency doubling of a femtosecond Er-fiber laser using BiB3O6. , 2009, , .		0
569	Generation of High Energy, Ultrashort Pulses in the near-IR with an OPA System Based on BIBO. , 2009, , .		0
570	Characteristics of Carbon Nanotube Saturable Absorbers for Solid-State Laser Mode-Locking near 1.25 Âµm. , 2009, , .		0
571	Non-critical singly resonant OPO operation near 6.2 Î¼m based on a CdSiP2 crystal pumped at 1064 nm. , 2009, , .		2
572	Passively mode-locked self-starting Cr:forsterite laser using a carbon nanotube saturable absorber. , 2009, , .		0
573	Diode-pumped passively mode-locked laser using SHG in periodically poled crystals. Proceedings of SPIE, 2009, , .	0.8	0
574	Comparison of laser performance of Yb:YCa4O(BO3)3 crystals cut along the principal optical axes. Applied Physics B: Lasers and Optics, 2008, 91, 329-332.	2.2	19
575	Sub-90 fs pulses from a passively mode-locked Yb:YAl3(BO3)4 laser. Applied Physics B: Lasers and Optics, 2008, 93, 753-757.	2.2	14
576	Laser performance of disordered Yb:Ca₃(NbGa)_{2-x}Ga₃O₁₂crystal under diode pumping at 974-976 nm. Laser Physics Letters, 2008, 5, 874-878.	1.4	18

#	Article	IF	Citations
577	Influence of pump wavelength on the laser performance of Yb:KLu(WO4)2 crystal. Optics Communications, 2008, 281, 5393-5395.	2.1	10
578	Polarization-dependent nonlinear refractive index of BiB3O6. Optical Materials, 2008, 30, 1469-1472.	3.6	16
579	Q-switched laser operation of Yb-doped NaGd(WO 4) 2 and NaY(WO 4) 2 crystals. Proceedings of SPIE, 2008, , .	0.8	0
580	Quaternary nonlinear crystals of Ag x Ga x Ge 1-x Se 2 with orthorhombic symmetry for the mid-infrared spectral range. , 2008, , .		3
581	Fabrication and characterization of ultrafast carbon nanotube saturable absorbers for solid-state laser mode locking near 1Î¼m. Applied Physics Letters, 2008, 93, .	3.3	97
582	Passive mode locking of Yb:KLuW using a single-walled carbon nanotube saturable absorber. Optics Letters, 2008, 33, 729.	3.3	162
583	Thin-disk Yb:KLu(WO_4)_2 laser with single-pass pumping. Optics Letters, 2008, 33, 735.	3.3	43
584	Bistable laser operation of a Yb_00054:Y_03481Gd_06465VO_4 mixed crystal. Optics Letters, 2008, 33, 1810.	3.3	29
585	Mode-locked self-starting Cr:forsterite laser using a single-walled carbon nanotube saturable absorber. Optics Letters, 2008, 33, 2449.	3.3	90
586	Anisotropy in laser performance of Yb:GdCa_4O(BO_3)_3 crystal. Applied Optics, 2008, 47, 5436.	2.1	17
587	Continuous-wave tunable and femtosecond mode-locked laser operation of Yb:NaY(MoO_4)_2. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 1341.	2.1	36
588	Ultrabroadband operation of a femtosecond optical parametric generator based on BiB_3O_6 in the near-IR. Optics Express, 2008, 16, 2363.	3.4	27
589	Laser oscillation of Yb:KLu(WO_4)_2 crystal polarized along the N_g principal optical axis. Optics Express, 2008, 16, 4960.	3.4	5
590	Thermal properties of monoclinic KLu(WO_4)_2 as a promising solid state laser host. Optics Express, 2008, 16, 5022.	3.4	47
591	Polarized laser oscillation of isotropic disordered Yb:Ca_3(NbGa)_2-xGa_3O_12 crystal. Optics Express, 2008, 16, 12201.	3.4	16
592	Low quantum defect laser oscillation of a new mixed Yb_0009:Y_0575Gd_0416VO_4 crystal. Optics Express, 2008, 16, 17729.	3.4	10
593	Highly Efficient Passively Q-switched Yb:YAl$_{3}$(BO$_{3}$)$_{4}$â€“Cr$^{4 +}$:YAG Laser End-Pumped by a High-Power Diode. IEEE Journal of Quantum Electronics, 2008, 44, 283-287.	1.9	5
594	Diffusion Bonding of Monoclinic Yb:KY(WO4)2/KY(WO4)2and its Continuous-Wave and Mode-Locked Laser Performance. Applied Physics Express, 2008, 1, 112601.	2.4	16

#	Article	IF	Citations
595	Diode-pumped femtosecond Yb:NaY(WO4)2 laser. Electronics Letters, 2008, 44, 806.	1.0	1
596	Spectroscopy and efficient laser operation near 1.95Î¼m of Tm3+ in disordered NaLu(WO4)2. Journal of Applied Physics, 2008, 103, 083110.	2.5	21
597	The application of the monoclinic BiB 3 O 6 nonlinear crystal in ultrafast laser technology. Proceedings of SPIE, 2008, , .	0.8	2
598	Mode-Locked laser operation of a diffusion-bonded Yb:KY(WO<inf>4</inf>)<inf>2</inf>/KY(WO<inf>4</inf>)<inf>2</inf> crystal. , 2008, , .		0
599	Nonlinear refractive index of BiB<inf>3</inf>O<inf>6</inf>. , 2008, , .		0
600	Power scaling and optimum crystal orientation in continuous-wave diode-pumped Yb:KLu(WO 4) 2 lasers. Proceedings of SPIE, 2008, , .	0.8	0
601	Continuous-wave and mode-locked operation of diode-pumped Yb-NaY(WO⁴) 2. Proceedings of SPIE, 2008, , .	0.8	0
602	Thin-disk laser operation with single-pass pumping. , 2008, , .		0
603	Tunable laser operation of Tm:NaY(WO<inf>4</inf>)<inf>2</inf>. , 2008, , .		0
604	Fabrication and characterization of single-walled carbon nanotube saturable absorbers for solid-state laser mode-locking near 1 μm. , 2008, , .		0
605	Passively mode-locked Yb:LaSc3(BO3)4 oscillator. , 2008, , .		0
606	High-Power Diode-Pumped Passively Q-switched Yb3+:KLu(WO4)2 Laser. , 2008, , .		0
607	Ultrashort Pulse Generation of Yb:KLuW using Single-Walled Carbon Nanotube Saturable Absorbers. , 2008, , .		0
608	Spectroscopy and Laser Operation of Tm3+ in Disordered Crystals of Tetragonal NaLu(WO4)2. , 2008, , .		0
609	Diffusion Bonding of Monoclinic Yb:KY(WO4)2/KY(WO4)2 and its Continuous-Wave Laser Operation. , 2008, , .		1
610	Single-walled carbon nanotube saturable absorbers for mode-locked laser operation near 1 μm. , 2008, , .		1
611	Efficient Q-switched Yb:YAl<inf>3</inf>(BO<inf>3</inf>)<inf>4</inf>/Cr⁴⁺:YAG Lasers. , 2008, , .		0
612	Ultrabroadband femtosecond continuum generation in crystals of bismuth triborate. , 2008, , .		0

#	Article	IF	Citations
613	Ultrabroadband Femtosecond Continuum Amplification in Crystals of Bismuth Triborate. , 2007, , .		0
614	Continuous-wave and mode-locked laser operation of Yb:NaLu(WO4)2. , 2007, , WB21.		0
615	SHG of CO₂ laser radiation at 10.6 Î¼m in the highly nonlinear chalcopyrite LiGaTe₂. , 2007, , .		0
616	High-Power Femtosecond Optical Parametric Amplifier in the Near-IR Based on BiB<inf>3</inf>O<inf>6</inf>. , 2007, , .		0
617	KY(WO4)2:Tm3+ planar waveguide laser. , 2007, , .		1
618	Tunable Laser Operation of Yb:NaY(WO<inf>4</inf>)<inf>2</inf>. , 2007, , .		0
619	<title>Novel ytterbium and thulium lasers based on the monoclinic KLu(WO<formula><inf><roman>4</roman></inf></formula>)<formula><inf><roman>2</roman></inf></formula> crystalline host</title>. , 2007, , .		1
620	Frequency doubling of CO_2 laser radiation at 106 Î¼m in the highly nonlinear chalcopyrite LiGaTe_2. Optics Letters, 2007, 32, 1722.	3.3	23
621	Efficient passively Q-switched laser operation of Yb in the disordered NaGd(WO_4)_2 crystal host. Optics Letters, 2007, 32, 1728.	3.3	28
622	Laser operation of Yb^3+ in the acentric RbTiOPO_4 codoped with Nb^5+. Optics Letters, 2007, 32, 1929.	3.3	18
623	Efficient high-power laser operation of Yb:KLu(WO_4)_2 crystals cut along the principal optical axes. Optics Letters, 2007, 32, 2016.	3.3	48
624	Output-coupling-dependent polarization state of a continuous-wave Yb:YCa_4O(BO_3)_3 laser. Optics Letters, 2007, 32, 2909.	3.3	31
625	Ultrabroadband continuum amplification in the near infrared using BiB_3O_6 nonlinear crystals pumped at 800 nm. Optics Letters, 2007, 32, 3342.	3.3	47
626	High-power Femtosecond Optical Parametric Amplification at 1 kHz in BiB_3O_6 pumped at 800 nm. Optics Express, 2007, 15, 556.	3.4	29
627	Growth, spectroscopy and laser operation of Yb:KGd(PO3)4single crystals. Optics Express, 2007, 15, 2360.	3.4	35
628	Tm:KY(WO_4)_2 waveguide laser. Optics Express, 2007, 15, 5885.	3.4	50
629	Spectroscopic properties and continuous-wave laser operation of a new disordered crystal: Yb-doped CNGG. Optics Express, 2007, 15, 9464.	3.4	46
630	Continuous-wave and Q-switched laser operation of Yb:NaY(WO_4)_2 crystal. Optics Express, 2007, 15, 12900.	3.4	24

#	Article	IF	Citations
631	Yb^3+ spectroscopy in (Nb or Ta):RbTiOPO_4 single crystals for laser applications. Optics Express, 2007, 15, 14580.	3.4	16
632	Ultrashort pulse Yb:LaSc_3(BO_3)_4 mode-locked oscillator. Optics Express, 2007, 15, 15539.	3.4	22
633	Segmented grown Yb:KY(WO_4)_2/KY(WO_4)2_2 for use in continuous-wave and mode-locked lasers. Optics Express, 2007, 15, 16279.	3.4	4
634	Laser operation of Yb^3+ in disordered Li_0.75Gd_0.75Ba_0.5(MoO_4)_2 crystal with small quantum defect. Optics Express, 2007, 15, 18162.	3.4	23
635	Phase-matching properties for AgGaGeS_4. Applied Optics, 2007, 46, 5728.	2.1	13
636	Phase-matching properties for AgGaGeS_4: erratum. Applied Optics, 2007, 46, 6848.	2.1	2
637	High-Power Laser Performance of ${hbox {Yb:}}{hbox {YAl}}_{3}({hbox {BO}}_{3})_{4}$ Crystals Cut Along the Crystallographic Axes. IEEE Journal of Quantum Electronics, 2007, 43, 385-390.	1.9	23
638	Spectroscopy and Lasing of Yb-Doped <formula formulatype="inline"> <tex>${hbox {NaY}}{({hbox {WO}}_{4})}_{2}$</tex> </formula>: Tunable and Femtosecond Mode-Locked Laser Operation. IEEE Journal of Quantum Electronics, 2007, 43, 758-764.	1.9	105
639	Continuous-wave diode-pumped Yb:LuVO 4 lasers. , 2007, , .		2
640	Optical parametric generation of high-energy femtosecond pulses in the 1-3 Î¼m spectral range using BiB 3 O 6. , 2007, , .		3
641	High-power diode-pumped lasers based on Yb:YAl<inf>3</inf>(BO<inf>3</inf>)<inf>4</inf> crystals cut along the crystallographic axes. , 2007, , .		0
642	Segmented Growth of Monoclinic Yb:KY(WO<inf>4</inf>)<inf>2</inf>/KY(WO<inf>4</inf>)<inf>2</inf> and its Laser Operation. , 2007, , .		0
643	Growth and properties of KLu(WO4)2, and novel ytterbium and thulium lasers based on this monoclinic crystalline host. Laser and Photonics Reviews, 2007, 1, 179-212.	8.7	229
644	Continuous-wave diode-pumped operation of an Yb:NaLa(WO4)2 laser at room temperature. Optics and Laser Technology, 2007, 39, 558-561.	4.6	46
645	CW Laser Operation of ${hbox {KLu}}_{0.945}{hbox {Tm}}_{0.055}({hbox {WO}}_{4})_{2}{hbox {â€“KLu}}({hbox {WO}}_{4})_{2}$ Epilayers Near 2 $mu{hbox {m}}$. IEEE Journal of Quantum Electronics, 2007, 43, 257-260.	1.9	13
646	Double Tungstate Lasers: From Bulk Toward On-Chip Integrated Waveguide Devices. IEEE Journal of Selected Topics in Quantum Electronics, 2007, 13, 661-671.	2.9	107
647	Thermal properties and continuous-wave laser performance of Yb:LuVO4 crystal. Applied Physics B: Lasers and Optics, 2007, 86, 681-685.	2.2	32
648	Power scaling of a continuous-wave and passively Q-switched Yb:KLu(WO4)2 laser end-pumped by a high-power diode. Applied Physics B: Lasers and Optics, 2007, 88, 527-530.	2.2	25

#	Article	IF	Citations
649	Tunable laser operation of Tm-doped epitaxial layers of monoclinic KLu(WO4)2 near 2-Âµm. , 2007, , .		0
650	58 fs pulses from a mode-locked Yb:LuVO4 laser. , 2007, , .		1
651	Laser operation of Tm near 2-Âµm in the disordered double tungstate host NaGd(WO4)2. , 2007, , .		0
652	Lasing of Yb3+ in the non-centrosymmetric host KGd(PO3)4. , 2007, , .		0
653	Efficient diode-pumped cw Tm:KLu(WO 4) 2 laser. , 2006, 6216, 162.		6
654	Efficient 2-mum Continuous-Wave Laser Oscillation of Tm$^3 + $:KLu(WO$_4$)$_2$. IEEE Journal of Quantum Electronics, 2006, 42, 1008-1015.	1.9	97
655	Continuous-wave and mode-locked lasers based on cubic sesquioxide crystalline hosts. , 2006, , .		13
656	Yb-doped KY(WO4)2 planar waveguide laser. Optics Letters, 2006, 31, 53.	3.3	117
657	Characteristics of a continuous-wave Yb:GdVO4 laser end pumped by a high-power diode. Optics Letters, 2006, 31, 2580.	3.3	58
658	High-power laser performance of a-cut and c-cut Yb:LuVO_4 crystals. Optics Letters, 2006, 31, 3294.	3.3	34
659	Growth, spectroscopy, and tunable laser operation of the disordered crystal LiGd(MoO_4)_2 doped with ytterbium. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 1083.	2.1	51
660	Broadly tunable laser operation near 2Î¼m in a locally disordered crystal of Tm^3+-doped NaGd(WO_4)_2. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 2494.	2.1	64
661	Efficient 1 kHz femtosecond optical parametric amplification in BiB3O6pumped at 800 nm. Optics Express, 2006, 14, 10621.	3.4	24
662	Passively mode-locked Yb:LuVO4oscillator. Optics Express, 2006, 14, 11668.	3.4	45
663	Optical bistability in the operation of a continuous-wave diode-pumped Yb:LuVO4laser. Optics Express, 2006, 14, 12183.	3.4	37
664	Growth and characterization of the chalcopyrite LiGaTe2: A highly non-linear birefringent optical crystal for the mid-infrared. Journal of Non-Crystalline Solids, 2006, 352, 2434-2438.	3.1	18
665	Continuous-wave laser operation of disordered double tungstate and molybdate crystals doped with ytterbium. Journal of Non-Crystalline Solids, 2006, 352, 2371-2375.	3.1	17
666	Epitaxially grown Yb:KLu(WO4)2 composites for continuous-wave and mode-locked lasers in the 1Î¼m spectral range. Journal of Non-Crystalline Solids, 2006, 352, 2367-2370.	3.1	4

#	Article	IF	Citations
667	Ternary chalcogenides LiBC2 (B=In,Ga; C=S,Se,Te) for mid-IR nonlinear optics. Journal of Non-Crystalline Solids, 2006, 352, 2439-2443.	3.1	121
668	Continuous-wave and tunable laser operation of Tm:LuVO4near 1.9 Âµm under Ti:sapphire and diode laser pumping. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, R19-R21.	1.8	18
669	Crystal growth, spectroscopic studies and laser operation of Yb3+-doped potassium lutetium tungstate. Optical Materials, 2006, 28, 519-523.	3.6	53
670	Efficient Yb:KGW lasers end-pumped by high-power diode bars. Applied Physics B: Lasers and Optics, 2006, 83, 235-239.	2.2	39
671	Efficient and tunable laser operation of the disordered crystal Yb:LiGd(MoO<inf>4</inf>)<inf>2</inf> near 1 μm. , 2006, , .		0
672	Diode-pumped Yb:TVO<inf>4</inf> (T=Y, Gd, and Lu) lasers provide output powers exceeding 4W in the continuous-wave regime. , 2006, , .		0
673	Efficient continuous-wave laser operation of Tm:KLu(WO<inf>4</inf>)<inf>2</inf> near 2 μm. , 2006, , .		0
674	Continuous-wave lasing of Yb:LuVO4. , 2006, , .		0
675	Growth of transparent SrB4O7 single crystal and its new applications. Journal of Crystal Growth, 2005, 275, e843-e847.	1.5	18
676	Continuous wave and tunable laser operation of Yb3+ in disordered NaLa(MoO4)2. Applied Physics B: Lasers and Optics, 2005, 81, 621-625.	2.2	42
677	Efficient room temperature continuous-wave operation of an Yb3+:Sc2O3crystal laser at 1041.6 and 1094.6 nm. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, R19-R21.	1.8	11
678	Growth and continuous-wave laser operation of disordered crystals of Yb3+:NaLa(WO4)2and Yb3+:NaLa(MoO4)2. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, R29-R31.	1.8	49
679	Phase-matched second-harmonic generation at 1064nm in quaternary crystals of silver thiogermanogallate. Applied Physics Letters, 2005, 87, 241113.	3.3	12
680	Laser operation of epitaxially grown Yb:KLu(WO/sub 4/)/sub 2/--KLu(WO/sub 4/)/sub 2/ composites with monoclinic Crystalline structure. IEEE Journal of Quantum Electronics, 2005, 41, 408-414.	1.9	41
681	LiGaTe2:â€‰ A New Highly Nonlinear Chalcopyrite Optical Crystal for the Mid-IR. Crystal Growth and Design, 2005, 5, 1325-1329.	3.0	86
682	Effective second-order nonlinearity in acentric optical crystals with low symmetry. Applied Optics, 2005, 44, 6971.	2.1	49
683	Passively mode-locked Yb:KLu(WO4)2 oscillators. Optics Express, 2005, 13, 3465.	3.4	81
684	Efficient continuous-wave and Q-switched operation of a diode-pumped Yb:KLu(WO_4)_2 laser with self-Raman conversion. Optics Letters, 2005, 30, 2427.	3.3	73

#	Article	IF	Citations
685	LiInSe_2 nanosecond optical parametric oscillator. Optics Letters, 2005, 30, 2460.	3.3	41
686	Mode-locked laser operation of epitaxially grown Yb:KLu(WO_4)_2 composites. Optics Letters, 2005, 30, 2484.	3.3	13
687	Continuous-wave laser operation of Yb:LuVO_4. Optics Letters, 2005, 30, 3162.	3.3	59
688	Phase-matching properties and optical parametric amplification in single crystals of AgGaGeS4. Optical Materials, 2004, 26, 217-222.	3.6	77
689	Second harmonic generation and optical parametric amplification in the mid-IR with orthorhombic biaxial crystals LiGaS 2 and LiGaSe 2. Applied Physics B: Lasers and Optics, 2004, 78, 543-546.	2.2	170
690	Mid-IR optical parametric amplification with femtosecond pumping near 800 nm using CdxHg1âˆ’xGa2S4. Optics Communications, 2004, 235, 219-226.	2.1	20
691	Thermal properties of the midinfrared nonlinear crystal LiInSe2. Journal of Applied Physics, 2004, 96, 3659-3665.	2.5	23
692	Growth, optical characterization, and laser operation of epitaxial Yb:KY(WO[sub 4])[sub 2]âˆ•KY(WO[sub) Tj ETQq0 0 0 rgBT /Overlock	3.3	43
693	Optical, vibrational, thermal, electrical, damage, and phase-matching properties of lithium thioindate. Journal of the Optical Society of America B: Optical Physics, 2004, 21, 1981.	2.1	103
694	Passively mode-locked Yb:Lu2O3 laser. Optics Express, 2004, 12, 3125.	3.4	136
695	Tunable laser operation of ytterbium in disordered single crystals of Yb:NaGd(WO4)2. Optics Express, 2004, 12, 5362.	3.4	87
696	Application of periodically poled stoichiometric LiTaO3 for efficient optical parametric chirped pulse amplification at 1 kHz. Optics Express, 2004, 12, 6421.	3.4	30
697	Phase-matching and femtosecond difference-frequency generation in the quaternary semiconductor AgGaGe_5Se_12. Applied Optics, 2004, 43, 4590.	2.1	36
698	Application of the nonlinear crystal SrB_4O_7 for ultrafast diagnostics converting to wavelengths as short as 125 nm. Optics Letters, 2004, 29, 373.	3.3	77
699	Highly efficient mode-locked Yb:Sc_2O_3 laser. Optics Letters, 2004, 29, 391.	3.3	77
700	Continuous-wave laser oscillation of Yb/sup 3+/ in monoclinic KLu(WO/sub 4/)/sub 2/. IEEE Journal of Quantum Electronics, 2004, 40, 1056-1059.	1.9	48
701	Efficient tunable laser operation of Tm:KGd(WO/sub 4/)/sub 2/ in the continuous-wave regime at room temperature. IEEE Journal of Quantum Electronics, 2004, 40, 1244-1251.	1.9	71
702	Third-harmonic generation in carbon nanotubes: theory and experiment. , 2004, , .		1

#	Article	IF	Citations
703	Optical properties of a new nonlinear borate crystal LiRbB4O7. Journal of Crystal Growth, 2003, 257, 165-168.	1.5	10
704	Time-resolved core level photoemission: surface photovoltage dynamics of the SiO2/Si(100) interface. Surface Science, 2003, 543, 87-94.	1.9	65
705	Continuous-wave lasing of a stoichiometric Yb laser material:â€ƒKYb(WO_4)_2. Optics Letters, 2003, 28, 322.	3.3	23
706	Efficient All-Diode-Pumped Double Stage Femtosecond Optical Parametric Chirped Pulse Amplification at 1-kHz with Periodically Poled KTiOPO4. Japanese Journal of Applied Physics, 2003, 42, L1327-L1329.	1.5	12
707	Potassium Ytterbium Tungstate Provides the Smallest Laser Quantum Defect. Japanese Journal of Applied Physics, 2003, 42, L246-L248.	1.5	14
708	Experimental and theoretical study of third-order harmonic generation in carbon nanotubes. Applied Physics Letters, 2002, 81, 4064-4066.	3.3	69
709	Compact all-diode-pumped femtosecond laser source based on chirped pulse optical parametric amplification in periodically poled KTiOPO4. Electronics Letters, 2002, 38, 561.	1.0	36
710	Application of the solid solution CdxHg_1â€“xGa_2S_4 as a nonlinear optical crystal. Optics Letters, 2002, 27, 1705.	3.3	23
711	Passively mode-locked Yb:KYWlaser pumped by a tapered diode laser. Optics Express, 2002, 10, 108.	3.4	97
712	LiInSe[sub 2]: A biaxial ternary chalcogenide crystal for nonlinear optical applications in the midinfrared. Journal of Applied Physics, 2002, 91, 9475.	2.5	103
713	Femtosecond regenerative amplification in Cr:forsterite at 5-10 kHz. Applied Physics B: Lasers and Optics, 2002, 75, 791-794.	2.2	0
714	Laser operation of the new stoichiometric crystal KYb(WO 4) 2. Applied Physics B: Lasers and Optics, 2002, 74, 185-189.	2.2	67
715	Chirped-pulse stimulated Raman scattering in barium nitrate with subsequent recompression. Optics Letters, 2001, 26, 47.	3.3	47
716	Femtosecond relaxation in Ce3+ ions in LiCaAlF6 and LiSrAlF6. Journal of Alloys and Compounds, 2001, 323-324, 688-691.	5.5	11
717	Characterization of LiInS2 and LiInSe2 single crystals for nonlinear optical applications. Materials Research Society Symposia Proceedings, 2001, 692, 1.	0.1	9
718	LiInS2: A new nonlinear crystal for the mid-IR. Materials Science in Semiconductor Processing, 2001, 4, 665-668.	4.0	43
719	Femtosecond Noncollinear Optical Parametric Amplification in the Mid-Infrared Range with 1.25 Âµm Pumping. Japanese Journal of Applied Physics, 2001, 40, 3195-3200.	1.5	16
720	Staircase-like spectral dependence of ground-state luminescence time constants in high-density InAs/GaAs quantum dots. Applied Physics Letters, 2001, 78, 3214-3216.	3.3	41

#	Article	IF	Citations
721	Optical parametric generation of femtosecond pulses up to 9 Î¼m with LiInS2 pumped at 800 nm. Applied Physics Letters, 2001, 78, 2623-2625.	3.3	50
722	Characterization of ZnGeP2 for Parametric Generation with Near-Infrared Femtosecond Pumping. Fiber and Integrated Optics, 2001, 20, 139-150.	2.5	10
723	Difference-frequency generation of intense femtosecond pulses in the mid-IR (4â€“12 Î¼m) using HgGa2S4 and AgGaS2. Optics Communications, 2000, 185, 177-183.	2.1	94
724	Title is missing!. Optical and Quantum Electronics, 2000, 32, 1057-1067.	3.3	5
725	Mid-infrared femtosecond optical parametric generator pumped by a Cr:forsterite regenerative amplifier at 1.25ÂÎ¼m. Applied Physics B: Lasers and Optics, 2000, 70, 731-732.	2.2	10
726	Transient excited-state absorption measurements in chromium-doped forsterite. Physical Review B, 2000, 61, 1866-1870.	3.2	3
727	Sum-frequency generation of femtosecond pulses in CsLiB_6O_10 down to 175 nm. Applied Optics, 2000, 39, 5076.	2.1	14
728	Mercury thiogallate mid-infrared femtosecond optical parametric generator pumped at 125 Âµm by a Cr:forsterite regenerative amplifier. Optics Letters, 2000, 25, 746.	3.3	53
729	Temperature tuned noncritical phase-matching in Li2B4O7 for generation of CW laser radiation at 244 nm. Electronics Letters, 1999, 35, 721.	1.0	6
730	Growth and UV Nonlinear Properties of Optical-Grade Lithium Tetraborate (Li2B4O7) Crystals.. The Review of Laser Engineering, 1999, 27, 541-546.	0.0	18
731	Femtosecond noncollinear parametric amplification in the mid-infrared. Optics Communications, 1999, 169, 183-188.	2.1	21
732	An all-solid-state laser system for generation of 100 Î¼J femtosecond pulses near 625 nm at 1 kHz. Applied Physics B: Lasers and Optics, 1999, 69, 167-169.	2.2	3
733	Frequency conversion of Ti:sapphire-based femtosecond laser systems to the 200-nm spectral region using nonlinear optical crystals. IEEE Journal of Selected Topics in Quantum Electronics, 1999, 5, 1532-1542.	2.9	31
734	Kilohertz gain-switched laser operation and femtosecond regenerative amplification in Cr:forsterite. IEEE Journal of Quantum Electronics, 1999, 35, 1123-1133.	1.9	16
735	Laser-diode-seeded operation of a femtosecond optical parametric amplifier with MgO:LiNbO_3 and generation of 5-cycle pulses near 3 Î¼m. Journal of the Optical Society of America B: Optical Physics, 1999, 16, 1539.	2.1	29
736	Powerful and tunable operation of a 1â€“2-kHz repetition-rate gain-switched Cr:forsterite laser and its frequency doubling. Applied Optics, 1999, 38, 3285.	2.1	12
737	Femtosecond regenerative amplification in Cr:forsterite. Applied Optics, 1999, 38, 3294.	2.1	11
738	Femtosecond parametric generation in ZnGeP_2. Optics Letters, 1999, 24, 414.	3.3	88

#	Article	IF	Citations
739	Efficient femtosecond traveling-wave optical parametric amplification in periodically poled KTiOPO_4. Optics Letters, 1999, 24, 1874.	3.3	22
740	Widely tunable continuous-wave mid-infrared laser source based on difference-frequency generation in AgGaS_2. Applied Optics, 1998, 37, 4925.	2.1	27
741	Femtosecond traveling-wave optical parametric amplification in MgO:LiNbO_3. Applied Optics, 1998, 37, 8504.	2.1	15
742	Generation of the fourth harmonic of a femtosecond Ti:sapphire laser. Optics Letters, 1998, 23, 1040.	3.3	41
743	High-power self-starting femtosecond Cr:forsterite laser. Electronics Letters, 1998, 34, 559.	1.0	13
744	Generation of femtosecond pulses down to 166 nm by sum-frequency mixing in KB5O8.4H2O. Electronics Letters, 1998, 34, 1748.	1.0	27
745	Vacuum ultraviolet application of Li2B4O7 crystals: Generation of 100 fs pulses down to 170 nm. Journal of Applied Physics, 1998, 84, 5887-5892.	2.5	61
746	Seeded femtosecond optical parametric amplification in the mid-infrared spectral region above 3 Âµm. Applied Optics, 1997, 36, 1164.	2.1	37
747	Femtosecond self mode locking of Yb:fluoride phosphate glass laser. Optics Letters, 1997, 22, 408.	3.3	86
748	Parametric generation of 1-ps pulses between 5 and 11 Î¼m with a ZnGeP/sub 2/ crystal. IEEE Journal of Quantum Electronics, 1997, 33, 1749-1755.	1.9	25
749	Mid-infrared femtosecond optical parametric amplification in potassium niobate. Optics Letters, 1996, 21, 1576.	3.3	34
750	Frequency upconversion of tunable femtosecond pulses by parametric amplification and sum-frequency generation in a single nonlinear crystal. Optics Letters, 1995, 20, 2171.	3.3	45
751	Tunable femtosecond optical parametric amplifier in the mid-infrared with narrow-band seeding. Journal of the Optical Society of America B: Optical Physics, 1995, 12, 2214.	2.1	54
752	Ultrafast Kerr demultiplexing up to 460 Gbits/s in short optical fibers. Applied Optics, 1995, 34, 5297.	2.1	2
753	Extension of the tuning range of a femtosecond Ti:sapphire laser amplifier through cascaded secondâ€order nonlinear frequency conversion processes. Journal of Applied Physics, 1994, 76, 7704-7712.	2.5	28
754	On the possibility of mode-locking a dye laser by a fast saturable absorber. Optical and Quantum Electronics, 1994, 26, 79-85.	3.3	0
755	High repetition rate traveling wave optical parametric generator producing nearly bandwidth limited 50 fs infrared light pulses. Applied Physics Letters, 1994, 65, 268-270.	3.3	50
756	Intracavity difference-frequency generation of near-infrared picosecond pulses in a synchronously mode-locked cw dye laser. Optics Letters, 1994, 19, 40.	3.3	6

#	Article	IF	Citations
757	Sub-100-fs optical parametric generator pumped by a high-repetition-rate Ti:sapphire regenerative amplifier system. Optics Letters, 1994, 19, 837.	3.3	48
758	Generation of tunable femtosecond pulses to as low as 1727 nm by sum-frequency mixing in lithium triborate. Optics Letters, 1994, 19, 1538.	3.3	64
759	Solid-state laser system for the generation of midinfrared femtosecond pulses tunable from 33 to 10 Î¼m. Optics Letters, 1994, 19, 2009.	3.3	123
760	Visible optical parametric generator producing nearly bandwidth-limited femtosecond light pulses at 1 -kHz repetition rate. Applied Optics, 1994, 33, 6988.	2.1	30
761	Femtosecond pulse generation around 650 nm in a passive mode-locked Kiton Red dye laser. Optics Communications, 1993, 95, 81-84.	2.1	3
762	Synchronous pumping of a visible dye laser by a frequency doubled mode-locked Ti:sapphire laser and its application for difference frequency generation in the near infrared. Optics Communications, 1993, 99, 413-420.	2.1	13
763	Differenceâ€frequency generation of near infrared picosecond pulses by noncritical temperature tuning of LiB3O5. Journal of Applied Physics, 1993, 74, 4798-4800.	2.5	6
764	Improved mode locking of a femtosecond titaniumâ€doped sapphire laser by intracavity second harmonic generation. Applied Physics Letters, 1992, 60, 1550-1552.	3.3	9
765	The Influence of Saturable Losses on the Steady State Pulse Propagating in an Amplified Nonlinear Dispersive Medium. Journal of Modern Optics, 1992, 39, 1407-1410.	1.3	0
766	Solitary Pulses in an Amplified Nonlinear Dispersive Medium in the Presence of Gain Saturation. Journal of Modern Optics, 1992, 39, 2347-2353.	1.3	2
767	Self-focusing of light pulses in the presence of normal group-velocity dispersion. Optics Letters, 1992, 17, 172.	3.3	177
768	Self-focusing of short light pulses in dispersive media. Optics Communications, 1992, 87, 28-32.	2.1	26
769	Theory of cw passive mode-locking of solid state lasers with addition of nonlinear index and group velocity dispersion. Optics Communications, 1992, 91, 123-130.	2.1	11
770	Spatial effects in laser pulse propagation in a two-level near-resonant saturated amplifier. Optics Communications, 1992, 90, 335-338.	2.1	0
771	Numerical study of femtosecond travelling-wave amplified spontaneous emission. Optical and Quantum Electronics, 1991, 23, 45-52.	3.3	3
772	Chirping effects accompanying light pulse shortening by nonlinear amplification and saturable absorption. Optical and Quantum Electronics, 1991, 23, 1161-1168.	3.3	2
773	The chirped steady state pulse in an amplifier with loss. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 145, 192-194.	2.1	3
774	Femtosecond solitary waves in the presence of resonant absorption. Optics Communications, 1990, 76, 53-55.	2.1	14

#	Article	IF	Citations
775	A numerical model of CW active mode-locking of solid state lasers including intracavity second harmonic generation. Revue De Physique AppliquÃ©e, 1990, 25, 1239-1244.	0.4	0
776	Limits of ultrashort pulse generation in cw mode-locked dye lasers. Physical Review A, 1989, 40, 1474-1483.	2.5	22
777	Chirping of ultrashort light pulses by coherent interaction in samples with an inhomogeneously broadened line. Soviet Journal of Quantum Electronics, 1989, 19, 1095-1099.	0.1	1
778	Novel absorber for passive mode-locking of Rhodamine 6G dye laser. Optics Communications, 1989, 70, 137-140.	2.1	18
779	Compression of High-energy Femtosecond Light Pulses by Self-phase Modulation in Bulk Media. Journal of Modern Optics, 1989, 36, 587-595.	1.3	17
780	Deconvolution versus Derivative Spectroscopy. Applied Spectroscopy, 1989, 43, 44-48.	2.2	21
781	Laser action of DODCI. Chemical Physics Letters, 1988, 148, 26-28.	2.6	2
782	Computer simulation of passive mode-locking of dye lasers with consideration of coherent light-matter interaction. Optical and Quantum Electronics, 1987, 19, 377-384.	3.3	10
783	Chirping of femtosecond light pulses passing through a four-level absorber. Optics Communications, 1987, 64, 398-402.	2.1	7
784	Evolution of chirped light pulses and the steady state regime in passively mode-locked femtosecond dye lasers. Revue De Physique AppliquÃ©e, 1987, 22, 1639-1650.	0.4	18
785	Computerized laser Raman spectrometer. Journal of Molecular Structure, 1984, 115, 281-284.	3.6	0
786	A new approach to the analysis of the effect of dissolved salts on the raman spectrum of water. Journal of Molecular Structure, 1984, 115, 409-412.	3.6	4
787	Concentration-dependence studies of Raman spectra of water by the method of self-deconvolution. Chemical Physics Letters, 1983, 103, 83-88.	2.6	12
788	Deconvolution Technique Application to Spectral Contour Analysis. Spectroscopy Letters, 1983, 16, 753-763.	1.0	9
789	Thin disk Tm-laser based on highly doped Tm:KLu(WO4)2/KLu(WO4)2 epitaxy. Laser Physics Letters, 0, 7, 435-439.	1.4	46
790	Power-scalable sub-100-fs Tm laser at 2.08 Î¼m. High Power Laser Science and Engineering, 0, , 1-20.	4.6	5
791	Secondâ€harmonic generation in heteroepitaxially grown, orientationâ€patterned, ternary GaAsP periodic structures. Physica Status Solidi - Rapid Research Letters, 0, , .	2.4	1