

# Yung-Fu Chen

## List of Publications by Year in descending order

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420  
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36303

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420  
all docs

420  
docs citations

420  
times ranked

3889  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gate-tunable graphene spin valve. Applied Physics Letters, 2007, 91, .	3.3	259
2	Optimization in scaling fiber-coupled laser-diode end-pumped lasers to higher power: influence of thermal effect. IEEE Journal of Quantum Electronics, 1997, 33, 1424-1429.	1.9	220
3	Design criteria for concentration optimization in scaling diode end-pumped lasers to high powers: influence of thermal fracture. IEEE Journal of Quantum Electronics, 1999, 35, 234-239.	1.9	178
4	cw dual-wavelength operation of a diode-end-pumped Nd:YVO <sub>4</sub> laser. Applied Physics B: Lasers and Optics, 2000, 70, 475-478.	2.2	164
5	Differential cross sections for plasmon excitations and reflected electron-energy-loss spectra. Physical Review B, 1994, 49, 16684-16693.	3.2	152
6	Efficient 1521-nm Nd:GdVO <sub>4</sub> Raman laser. Optics Letters, 2004, 29, 2632.	3.3	129
7	High-power diode-pumped actively Q-switched Nd:YVO <sub>4</sub> self-Raman laser: influence of dopant concentration. Optics Letters, 2004, 29, 1915.	3.3	127
8	Diode-pumped Q-switched Nd:YVO <sub>4</sub> yellow laser with intracavity sum-frequency mixing. Optics Letters, 2002, 27, 397.	3.3	119
9	Transport through Andreev bound states in a graphene quantum dot. Nature Physics, 2011, 7, 386-390.	16.7	118
10	Compact efficient all-solid-state eye-safe laser with self-frequency Raman conversion in a Nd:YVO <sub>4</sub> crystal. Optics Letters, 2004, 29, 2172.	3.3	110
11	Rapid imaging of nanotubes on insulating substrates. Applied Physics Letters, 2002, 81, 2454-2456.	3.3	109
12	Four-Point Resistance of Individual Single-Wall Carbon Nanotubes. Physical Review Letters, 2005, 95, 196802.	7.8	108
13	Surface effects on angular distributions in X-ray-photoelectron spectroscopy. Surface Science, 2002, 519, 115-124.	1.9	105
14	Efficient subnanosecond diode-pumped passively Q-switched Nd:YVO <sub>4</sub> self-stimulated Raman laser. Optics Letters, 2004, 29, 1251.	3.3	104
15	Comparison between c-cut and a-cut Nd:YVO <sub>4</sub> lasers passively Q-switched with a Cr <sup>4+</sup> :YAG saturable absorber. Applied Physics B: Lasers and Optics, 2002, 74, 415-418.	2.2	103
16	Comparison of thermal lensing effects between single-end and double-end diffusion-bonded Nd:YVO <sub>4</sub> crystals for $^4F_{3/2} \rightarrow ^4I_{11/2}$ and $^4F_{3/2} \rightarrow ^4I_{13/2}$ transitions. Optics Express, 2008, 16, 21155.	3.4	100
17	High-power diode-pumped Q-switched and mode-locked Nd:YVO <sub>4</sub> laser with a Cr <sup>4+</sup> :YAG saturable absorber. Optics Letters, 2000, 25, 1442.	3.3	98
18	Electron inelastic mean free paths for plasmon excitations and interband transitions. Surface Science, 1993, 293, 202-210.	1.9	93

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19	Efficient generation of continuous-wave yellow light by single-pass sum-frequency mixing of a diode-pumped Nd:YVO <sub>4</sub> dual-wavelength laser with periodically poled lithium niobate. <i>Optics Letters</i> , 2002, 27, 1809.	3.3	91
20	Generation of Hermite-Gaussian modes in fiber-coupled laser-diode end-pumped lasers. <i>IEEE Journal of Quantum Electronics</i> , 1997, 33, 1025-1031.	1.9	89
21	Hooge's constant for carbon nanotube field effect transistors. <i>Applied Physics Letters</i> , 2006, 88, 203116.	3.3	89
22	Efficient diode-pumped actively Q-switched Nd:YAG/BaWO <sub>4</sub> intracavity Raman laser. <i>Optics Letters</i> , 2005, 30, 3335.	3.3	84
23	Generation of Laguerre-Gaussian modes in fiber-coupled laser diode end-pumped lasers. <i>Applied Physics B: Lasers and Optics</i> , 2001, 72, 167-170.	2.2	83
24	Electron differential inverse mean free path for surface electron spectroscopy. <i>Surface Science</i> , 1996, 364, 131-140.	1.9	82
25	Field emission from quasi-aligned SiCN nanorods. <i>Applied Physics Letters</i> , 2000, 76, 2630-2632.	3.3	81
26	Electric-Field-Dependent Charge-Carrier Velocity in Semiconducting Carbon Nanotubes. <i>Physical Review Letters</i> , 2005, 95, 236803.	7.8	80
27	Compact efficient self-frequency Raman conversion in diode-pumped passively Q-switched Nd:GdVO <sub>4</sub> laser. <i>Applied Physics B: Lasers and Optics</i> , 2004, 78, 685-687.	2.2	77
28	Orthogonally polarized dual-wavelength Nd:LuVO <sub>4</sub> laser at 1086 nm and 1089 nm. <i>Optics Express</i> , 2012, 20, 5644.	3.4	77
29	Simultaneous Q-switching and mode-locking in a diode-pumped Nd:YVO <sub>4</sub> /Cr:YAG laser. <i>IEEE Journal of Quantum Electronics</i> , 2001, 37, 580-586.	1.9	76
30	Analysis of passively Q-switched lasers with simultaneous mode locking. <i>IEEE Journal of Quantum Electronics</i> , 2002, 38, 312-317.	1.9	71
31	Nonequilibrium Tunneling Spectroscopy in Carbon Nanotubes. <i>Physical Review Letters</i> , 2009, 102, 036804.	7.8	71
32	Observation of the Wave Function of a Quantum Billiard from the Transverse Patterns of Vertical Cavity Surface Emitting Lasers. <i>Physical Review Letters</i> , 2002, 89, 224102.	7.8	69
33	Compact efficient multi-GHz Kerr-lens mode-locked diode-pumped Nd:YVO <sub>4</sub> laser. <i>Optics Express</i> , 2008, 16, 21149.	3.4	67
34	Study of high-power diode-end-pumped Nd:YVO <sub>4</sub> laser at 1.34 $\mu$ m: influence of Auger upconversion. <i>Optics Communications</i> , 1999, 163, 198-202.	2.1	66
35	Diode-pumped passively Q-switched picosecond Nd:GD_xY_1-xVO <sub>4</sub> self-stimulated Raman laser. <i>Optics Letters</i> , 2004, 29, 2279.	3.3	66
36	Efficient high-power diode-end-pumped TEM <sub>00</sub> Nd:YVO <sub>4</sub> laser with a planar cavity. <i>Optics Letters</i> , 2000, 25, 1016.	3.3	65

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37	Optimization of fiber-coupled laser-diode end-pumped lasers: influence of pump-beam quality. IEEE Journal of Quantum Electronics, 1996, 32, 2010-2016.	1.9	62
38	High-power, diode-end-pumped, multigigahertz self-mode-locked Nd:YVO <sub>4</sub> laser at 1342 nm. Optics Letters, 2010, 35, 4.	3.3	61
39	Diode-end-pumped passively mode-locked high-power Nd:YVO <sub>4</sub> laser with a relaxed saturable Bragg reflector. Optics Letters, 2001, 26, 199.	3.3	59
40	Devil's Staircase in Three-Dimensional Coherent Waves Localized on Lissajous Parametric Surfaces. Physical Review Letters, 2006, 96, 213902.	7.8	59
41	Efficient high-power diode-end-pumped TEM/sub 00/ Nd:YVO <sub>4</sub> laser. IEEE Photonics Technology Letters, 1999, 11, 1241-1243.	2.5	58
42	Pump-to-mode size ratio dependence of thermal loading in diode-end-pumped solid-state lasers. Journal of the Optical Society of America B: Optical Physics, 2000, 17, 1835.	2.1	58
43	Tuning from Thermionic Emission to Ohmic Tunnel Contacts via Doping in Schottky-Barrier Nanotube Transistors. Nano Letters, 2006, 6, 2158-2162.	9.1	57
44	High-power efficient tunable Nd:GdVO <sub>4</sub> laser at 1083 nm. Optics Letters, 2005, 30, 2107.	3.3	56
45	Diode-pumped Q-switched laser with intracavity sum frequency mixing in periodically poled KTP. Applied Physics B: Lasers and Optics, 2004, 79, 207-210.	2.2	55
46	A diode-pumped high power Q-switched and self-mode-locked Nd:YVO <sub>4</sub> laser with a LiF:F <sub>2</sub> - saturable absorber. Applied Physics B: Lasers and Optics, 2001, 73, 115-118.	2.2	54
47	High-efficiency Q-switched dual-wavelength emission at 1176 and 559 nm with intracavity Raman and sum-frequency generation. Optics Express, 2009, 17, 11892.	3.4	54
48	Passively Q-switched diode-pumped Nd: YVO <sub>4</sub> /Cr <sup>4+</sup> :YAG single-frequency microchip laser. Electronics Letters, 1997, 33, 1880.	1.0	53
49	Determination of the Auger upconversion rate in fiber-coupled diode end-pumped Nd:YAG and Nd:YVO <sub>4</sub> crystals. Applied Physics B: Lasers and Optics, 2000, 70, 487-490.	2.2	53
50	Influence of thermal effect on output power optimization in fiber-coupled laser-diode end-pumped lasers. IEEE Journal of Selected Topics in Quantum Electronics, 1997, 3, 29-34.	2.9	52
51	Dynamics of the Laguerre Gaussian TEM <sub>0,l</sub> * mode in a solid-state laser. Physical Review A, 2001, 63, .	2.5	52
52	Compact efficient Q-switched eye-safe laser at 1525 nm with a double-end diffusion-bonded Nd:YVO <sub>4</sub> crystal as a self-Raman medium. Optics Express, 2009, 17, 4330.	3.4	52
53	Background removal in surface electron spectroscopy: Influence of surface excitations. Physical Review B, 1996, 53, 4980-4988.	3.2	51
54	Wave representation of geometrical laser beam trajectories in a hemiconfocal cavity. Physical Review A, 2004, 69, .	2.5	50

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55	Femtosecond high-power spontaneous mode-locked operation in vertical-external cavity surface-emitting laser with gigahertz oscillation. <i>Optics Letters</i> , 2011, 36, 4581.	3.3	49
56	Exploring the effect of fractional degeneracy and the emergence of ray-wave duality in solid-state lasers with off-axis pumping. <i>Physical Review A</i> , 2013, 88, .	2.5	49
57	Monte Carlo simulation of photoelectron angular distribution. <i>Surface Science</i> , 1997, 380, 199-209.	1.9	48
58	Passive Q switching of Er-Yb fiber laser with semiconductor saturable absorber. <i>Optics Express</i> , 2008, 16, 3002.	3.4	48
59	Simultaneous mode locking in a diode-pumped passively Q-switched Nd:YVO <sub>4</sub> laser with a GaAs saturable absorber. <i>Applied Optics</i> , 2001, 40, 6038.	2.1	47
60	Generation of optical vortex array with transformation of standing-wave Laguerre-Gaussian mode. <i>Optics Express</i> , 2011, 19, 10293.	3.4	45
61	Stimulated Raman scattering in a potassium titanyl phosphate crystal: simultaneous self-sum frequency mixing and self-frequency doubling. <i>Optics Letters</i> , 2005, 30, 400.	3.3	44
62	Quantitative analysis in X-ray photoelectron spectroscopy: influence of surface excitations. <i>Surface Science</i> , 1996, 345, 213-221.	1.9	43
63	Persistent photoconductivity in SiGe/Si quantum wells. <i>Journal of Applied Physics</i> , 1998, 84, 877-880.	2.5	43
64	Repetition-rate dependence of thermal loading in diode-end-pumped Q-switched lasers: influence of energy-transfer upconversion. <i>Applied Physics B: Lasers and Optics</i> , 2000, 71, 27-31.	2.2	43
65	High-repetition-rate eye-safe optical parametric oscillator intracavity pumped by a diode-pumped Q-switched Nd:YVO <sub>4</sub> laser. <i>Applied Physics B: Lasers and Optics</i> , 2003, 76, 263-266.	2.2	43
66	Magnetoresistance in single-layer graphene: weak localization and universal conductance fluctuation studies. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 205301.	1.8	43
67	Efficient high-power continuous-wave lasers at green-lime-yellow wavelengths by using a Nd:YVO <sub>4</sub> self-Raman crystal. <i>Optics Express</i> , 2019, 27, 2029.	3.4	43
68	Influence of surface excitations on electrons elastically backscattered from copper and silver surfaces. <i>Physical Review B</i> , 1994, 50, 17547-17555.	3.2	42
69	Compact and efficient 32-W diode-pumped Nd:YVO <sub>4</sub> /KTP green laser. <i>Applied Optics</i> , 1998, 37, 5727.	2.1	41
70	High power passively Q-switched ytterbium fiber laser with Cr <sup>4+</sup> :YAG as a saturable absorber. <i>Optics Express</i> , 2007, 15, 473.	3.4	41
71	Transverse pattern formation of optical vortices in a microchip laser with a large Fresnel number. <i>Physical Review A</i> , 2001, 65, .	2.5	40
72	High-power diode-pumped actively Q-switched Nd:YAG laser at 1123 nm. <i>Optics Communications</i> , 2004, 234, 309-313.	2.1	39

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73	Single-longitudinal-mode, tunable dual-wavelength, CW Nd:YVO <sub>4</sub> laser. Optics Express, 2006, 14, 5329.	3.4	39
74	Diode-pumped multi-frequency Q-switched laser with intracavity cascade Raman emission. Optics Express, 2008, 16, 8286.	3.4	39
75	Exploring the resonant vibration of thin plates: Reconstruction of Chladni patterns and determination of resonant wave numbers. Journal of the Acoustical Society of America, 2015, 137, 2113-2123.	1.1	39
76	Diode-pumped passively Q-switched Nd:YAG laser at 1123 nm. Applied Physics B: Lasers and Optics, 2004, 79, 29-31.	2.2	38
77	Geometry of classical periodic orbits and quantum coherent states in coupled oscillators with SU(2) transformations. Physical Review A, 2011, 83, .	2.5	37
78	High-pulse-energy, passively Q-switched Yb-doped fiber laser with AlGaInAs quantum wells as a saturable absorber. Optics Letters, 2009, 34, 2360.	3.3	36
79	Efficient high-power terahertz beating in a dual-wavelength synchronously mode-locked laser with dual gain media. Optics Letters, 2014, 39, 1477.	3.3	36
80	Direct generation of red and orange optical vortex beams from an off-axis diode-pumped Pr <sup>3+</sup> :YLF laser. Optics Express, 2019, 27, 18190.	3.4	36
81	Passive Q-switching of an intracavity frequency doubled diode-pumped Nd:YVO <sub>4</sub> /KTP green laser with Cr <sup>4+</sup> :YAG. IEEE Photonics Technology Letters, 1997, 9, 1481-1483.	2.5	35
82	Determination of the thermal loading of diode-pumped Nd:YVO <sub>4</sub> by use of thermally induced second-harmonic output depolarization. Optics Letters, 1998, 23, 846.	3.3	35
83	Observation of Vector Vortex Lattices in Polarization States of an Isotropic Microcavity Laser. Physical Review Letters, 2003, 90, 053904.	7.8	35
84	Optical-constants model for semiconductors and insulators. Physical Review B, 1993, 48, 4373-4379.	3.2	33
85	Analytical model for the design of fiber-coupled laser-diode end-pumped lasers. Optics Communications, 1997, 133, 517-524.	2.1	33
86	Picosecond optical vortex converted from multigigahertz self-mode-locked high-order Hermite-Gaussian Nd:GdVO <sub>4</sub> lasers. Optics Letters, 2009, 34, 3842.	3.3	33
87	Effect of surface excitations in determining the inelastic mean free path by elastic peak electron spectroscopy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1995, 13, 2665-2670.	2.1	32
88	Compact efficient intracavity optical parametric oscillator with a passively Q-switched Nd:YVO <sub>4</sub> /Cr <sup>4+</sup> :YAG laser in a hemispherical cavity. Applied Physics B: Lasers and Optics, 2003, 77, 493-495.	2.2	32
89	Superconducting low-inductance undulatory galvanometer microwave amplifier. Applied Physics Letters, 2012, 100, .	3.3	32
90	InAs/GaAs quantum-dot saturable absorber for a diode-pumped passively mode-locked Nd:YVO <sub>4</sub> laser at 1342 nm. Optics Letters, 2005, 30, 1482.	3.3	31

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91	Three-Dimensional Coherent Optical Waves Localized on Trochoidal Parametric Surfaces. <i>Physical Review Letters</i> , 2008, 101, 233901.	7.8	31
92	Formation of optical vortex lattices in solid-state microchip lasers: Spontaneous transverse mode locking. <i>Physical Review A</i> , 2001, 64, .	2.5	30
93	Efficient sub-nanosecond intracavity optical parametric oscillator pumped with a passively Q-switched Nd:GdVO <sub>4</sub> laser. <i>Applied Physics B: Lasers and Optics</i> , 2004, 79, 823-825.	2.2	30
94	High-power efficient diode-pumped passively Q-switched Nd:YVO <sub>4</sub> /KTP/Cr <sup>4+</sup> :YAG eye-safe laser. <i>Optics Communications</i> , 2004, 234, 337-342.	2.1	30
95	Manifestation of Weak Localization and Long-Range Correlation in Disordered Wave Functions from Conical Second Harmonic Generation. <i>Physical Review Letters</i> , 2006, 96, 033905.	7.8	29
96	High-power diode-pumped Q-switched intracavity frequency-doubled Nd:YVO <sub>4</sub> laser with a sandwich-type resonator. <i>Optics Letters</i> , 1999, 24, 1032.	3.3	28
97	Output optimization of a high-repetition-rate diode-pumped Q-switched intracavity optical parametric oscillator at 1.57 $\mu$ m. <i>Applied Physics B: Lasers and Optics</i> , 2003, 77, 505-508.	2.2	28
98	High-power tunable single- and multi-wavelength diode-pumped Nd:YAP laser in the $^4F_{3/2} \rightarrow ^4I_{11/2}$ transition. <i>Optics Express</i> , 2013, 21, 26261.	3.4	28
99	Nd:YLF laser at cryogenic temperature with orthogonally polarized simultaneous emission at 1047 nm and 1053 nm. <i>Optics Express</i> , 2014, 22, 25318.	3.4	28
100	Fractal frequency spectrum in laser resonators and three-dimensional geometric topology of optical coherent waves. <i>Physical Review A</i> , 2016, 94, .	2.5	28
101	Characterizing the propagation evolution of wave patterns and vortex structures in astigmatic transformations of Hermite-Gaussian beams. <i>Laser Physics</i> , 2018, 28, 015002.	1.2	28
102	Influence of energy-transfer upconversion on the performance of high-power diode-end-pumped CW lasers. <i>IEEE Journal of Quantum Electronics</i> , 2000, 36, 615-619.	1.9	27
103	Observation of Spatially Coherent Polarization Vector Fields and Visualization of Vector Singularities. <i>Physical Review Letters</i> , 2006, 96, 033901.	7.8	27
104	High-power high-repetition-rate subpicosecond monolithic Yb:KGW laser with self-mode locking. <i>Optics Letters</i> , 2013, 38, 2596.	3.3	27
105	Characterization and generation of high-power multi-axis vortex beams by using off-axis pumped degenerate cavities with external astigmatic mode converter. <i>Optics Express</i> , 2018, 26, 20481.	3.4	27
106	Localization of wave patterns on classical periodic orbits in a square billiard. <i>Physical Review E</i> , 2002, 66, 046215.	2.1	26
107	Exploring vortex structures in orbital-angular-momentum beams generated from planar geometric modes with a mode converter. <i>Optics Express</i> , 2016, 24, 22796.	3.4	26
108	Analysis of the optimal temperature for the cryogenic monolithic Nd:YAG laser at 946-nm. <i>Optics Express</i> , 2016, 24, 1.	3.4	26

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109	Single-mode oscillation of compact fiber-coupled laser-diode-pumped Nd:YVO <sub>4</sub> /KTP green laser. IEEE Photonics Technology Letters, 1997, 9, 740-742.	2.5	25
110	High-power diode-pumped nonlinear mirror mode-locked Nd:YVO <sub>4</sub> laser with periodically-poled KTP. Applied Physics B: Lasers and Optics, 2001, 72, 395-397.	2.2	25
111	Exploration of water jet generated by Q-switched laser induced water breakdown with different depths beneath a flat free surface. Optics Express, 2013, 21, 445.	3.4	25
112	Dual-comb self-mode-locked monolithic Yb:KGW laser with orthogonal polarizations. Optics Express, 2015, 23, 10111.	3.4	25
113	Vortex structure of quantum eigenstates and classical periodic orbits in two-dimensional harmonic oscillators. Journal of Physics A, 2003, 36, 7751-7760.	1.6	24
114	Pulsed optical parametric generation, amplification, and oscillation in monolithic periodically poled lithium niobate crystals. IEEE Journal of Quantum Electronics, 2004, 40, 791-799.	1.9	24
115	Diode-pumped passively mode-locked 1342 nm Nd:YVO <sub>4</sub> laser with an AlGaInAs quantum-well saturable absorber. Optics Letters, 2009, 34, 2348.	3.3	24
116	Observation of quantum-classical correspondence from high-order transverse patterns. Physical Review A, 2003, 68, .	2.5	23
117	High-peak-power large-angular-momentum beams generated from passively Q-switched geometric modes with astigmatic transformation. Photonics Research, 2017, 5, 561.	7.0	23
118	Compact efficient high-power triple-color Nd:YVO <sub>4</sub> yellow-lime-green self-Raman lasers. Optics Letters, 2020, 45, 1144.	3.3	23
119	Modeling of diode-end-pumped Q-switched solid-state lasers: influence of energy-transfer upconversion. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 1558.	2.1	22
120	Power scale-up of the diode-pumped actively Q-switched Nd:YVO <sub>4</sub> Raman laser with an undoped YVO <sub>4</sub> crystal as a Raman shifter. Applied Physics B: Lasers and Optics, 2007, 88, 47-50.	2.2	22
121	Self-mode-locked Nd:GdVO <sub>4</sub> laser with multi-GHz oscillations: manifestation of third-order nonlinearity. Applied Physics B: Lasers and Optics, 2009, 97, 451-455.	2.2	22
122	High-repetition-rate quasi-CW side-pumped mJ eye-safe laser with a monolithic KTP crystal for intracavity optical parametric oscillator. Optics Express, 2014, 22, 7625.	3.4	22
123	Derivation of inelastic-electron-scattering cross sections from quantitative analysis of reflection-electron-energy-loss spectra. Physical Review B, 1998, 58, 8087-8096.	3.2	21
124	Modelling end-pumped passively Q-switched Nd-doped crystal lasers: manifestation by a Nd:YVO <sub>4</sub> /Cr <sup>4+</sup> :YAG system with a concave-convex resonator. Optics Express, 2017, 25, 1710.	3.4	21
125	LED-side-pumped Nd:YAG laser with >20% optical efficiency and the demonstration of an efficient passively Q-switched LED-pumped solid-state laser. Optics Letters, 2017, 42, 2394.	3.3	21
126	Electron inelastic mean free paths versus attenuation lengths in solids. Journal Physics D: Applied Physics, 1992, 25, 262-268.	2.8	20



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127	Observation of laser transverse modes analogous to a SU(2) wave packet of a quantum harmonic oscillator. <i>Physical Review A</i> , 2002, 66, .	2.5	20
128	Comparison between shared and coupled resonators for passively Q-switched Nd:GdVO <sub>4</sub> intracavity optical parametric oscillators. <i>Applied Physics B: Lasers and Optics</i> , 2006, 82, 403-406.	2.2	20
129	Exploring the spatio-temporal dynamics of an optically pumped semiconductor laser with intracavity second harmonic generation. <i>Optics Letters</i> , 2012, 37, 4609.	3.3	20
130	Spontaneous subpicosecond pulse formation with pulse repetition rate of 80 GHz in a diode-pumped Nd:SrGdGa <sub>3</sub> O <sub>7</sub> disordered crystal laser. <i>Optics Letters</i> , 2012, 37, 461.	3.3	20
131	High-power diode-end-pumped laser with multi-segmented Nd-doped yttrium vanadate. <i>Optics Express</i> , 2013, 21, 16063.	3.4	20
132	Efficient continuous-wave self-Raman Yb:KGW laser with a shift of 89 cm <sup>-1</sup> . <i>Optics Express</i> , 2013, 21, 24590.	3.4	20
133	Efficient high-power dual-wavelength lime-green Nd:YVO <sub>4</sub> lasers. <i>Optics Letters</i> , 2019, 44, 1323.	3.3	20
134	Investigation of fiber-coupled laser-diode-pumped NYAB green laser performance. <i>IEEE Photonics Technology Letters</i> , 1996, 8, 1313-1315.	2.5	19
135	Generation of multi-axis Laguerre-Gaussian beams from geometric modes of a hemiconfocal cavity. <i>Applied Physics B: Lasers and Optics</i> , 2011, 103, 991-999.	2.2	19
136	Tunable GHz pulse repetition rate operation in high-power TEM <sub>00</sub> -mode Nd:YLF lasers at 1047 nm and 1053 nm with self mode locking. <i>Optics Express</i> , 2012, 20, 18230.	3.4	19
137	Efficient passively Q-switched Nd:YLF TEM <sub>00</sub> -mode laser at 1053 nm: selection of polarization with birefringence. <i>Applied Physics B: Lasers and Optics</i> , 2012, 108, 313-317.	2.2	19
138	Dual-wavelength eye-safe Nd:YAP Raman laser. <i>Optics Letters</i> , 2015, 40, 3560.	3.3	19
139	24-W cryogenically cooled Nd:YAG monolithic 946-nm laser with a slope efficiency >70%. <i>Optics Express</i> , 2015, 23, 10126.	3.4	19
140	Realizing High-Pulse-Energy Large-Angular-Momentum Beams by Astigmatic Transformation of Geometric Modes in an Nd:YAG/Cr <sup>4+</sup> :YAG Laser. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018, 24, 1-9.	2.9	19
141	Quantum manifestations of classical periodic orbits in a square billiard: Formation of vortex lattices. <i>Physical Review E</i> , 2002, 66, 066210.	2.1	18
142	Vortex formation of coherent waves in nonseparable mesoscopic billiards. <i>Physical Review E</i> , 2003, 68, 066207.	2.1	18
143	Hyperboloid Structures Formed by Polarization Singularities in Coherent Vector Fields with Longitudinal-Transverse Coupling. <i>Physical Review Letters</i> , 2006, 97, 233903.	7.8	18
144	Passively Q-switched Yb <sup>3+</sup> :YCa <sub>4</sub> (BO <sub>3</sub> ) <sub>3</sub> laser with InGaAs quantum wells as saturable absorbers. <i>Applied Optics</i> , 2007, 46, 2292.	2.1	18

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145	AlGaInAs intracavity selective absorber for an efficient high-power Nd:YAG laser operation at 144 $\mu$ m. Optics Letters, 2008, 33, 1452.	3.3	18
146	Controlling number of lasing modes for designing short-cavity self-mode-locked Nd-doped vanadate lasers. Applied Physics B: Lasers and Optics, 2011, 103, 841-846.	2.2	18
147	High-power Q-switched laser with high-order Laguerre-Gaussian modes: application for extra-cavity harmonic generations. Applied Physics B: Lasers and Optics, 2011, 105, 385-390.	2.2	18
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