

# Yung-Fu Chen

## List of Publications by Year in descending order

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420  
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9,238  
citations

36303

51  
h-index

71685

76  
g-index

420  
all docs

420  
docs citations

420  
times ranked

3889  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compactly Efficient CW 3 to 4.5 $\mu$ m Wavelength Tunable Mid-Infrared Laser in Optically Pumped Semiconductor Laser With Intracavity OPO. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-6.	2.9	6
2	Exploring the Origin of Maximum Entropy States Relevant to Resonant Modes in Modern Chladni Plates. Entropy, 2022, 24, 215.	2.2	3
3	Quantifying the emergence of structured laser beams relevant to Lissajous parametric surfaces. Optics Letters, 2022, 47, 2518.	3.3	3
4	Characterizing propagation-dependent spatial entanglement for structured laser beams generated by an astigmatic mode converter. Optics Letters, 2022, 47, 3223.	3.3	1
5	Structured transverse modes governed by maximum entropy principle. Optics Letters, 2022, 47, 3756.	3.3	1
6	Highly efficient solid-state Raman yellow-orange lasers created by enhancing the cavity reflectivity. Optics Letters, 2021, 46, 797.	3.3	16
7	Autonomous Brownian gyrators: A study on gyrating characteristics. Physical Review E, 2021, 103, 022128.	2.1	11
8	Pedagogically fast model to evaluate and optimize passively Q-switched Nd-doped solid-state lasers. Optics Letters, 2021, 46, 1588.	3.3	8
9	Powerful Q-switched Raman laser at 589 nm with a repetition rate between 200 and 500 kHz. Optics Letters, 2021, 46, 2063.	3.3	10
10	Generation of virtual potentials by controlled feedback in electric circuit systems. Physical Review E, 2021, 103, 042138.	2.1	4
11	Bilateral Photoresponse of a Graphene-Oxide-Semiconductor Heterostructure Diode. Physical Review Applied, 2021, 15, .	3.8	3
12	Characterizing the spatial entanglement from laser modes analogous to quantum wave functions. Optics Letters, 2021, 46, 3713.	3.3	5
13	Quantum entanglement by a beam splitter analogous to laser mode transformation by a cylindrical lens. Optics Letters, 2021, 46, 5129-5132.	3.3	6
14	Laser Transverse Modes with Ray-Wave Duality: A Review. Applied Sciences (Switzerland), 2021, 11, 8913.	2.5	9
15	Propagation-dependent evolution of interfering multiple beams and kaleidoscopic vortex lattices. Optics Letters, 2021, 46, 102.	3.3	4
16	Exploiting Modern Chladni Plates to Analogously Manifest the Point Interaction. Applied Sciences (Switzerland), 2021, 11, 10094.	2.5	3
17	Selective Growth of WSe <sub>2</sub> with Graphene Contacts. Nanoscale Research Letters, 2020, 15, 61.	5.7	6
18	Integral-based parallel algorithm for the fast generation of the Zernike polynomials. Optics Express, 2020, 28, 936.	3.4	3

#	ARTICLE	IF	CITATIONS
19	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
20	Criterion for optimizing high-power acousto-optically Q-switched self-Raman yellow lasers with repetition rates up to 500 kHz. Optics Letters, 2020, 45, 1922.	3.3	11
21	Timing jitter reduction of passively Q-switched solid-state lasers by coupling resonance between pumping and firing rates. Optics Letters, 2020, 45, 2902.	3.3	7
22	High-power structured laser modes: direct generation of a vortex array. Optics Letters, 2020, 45, 4096.	3.3	9
23	Exploiting a monolithic passively Q-switched Nd:YAG laser to mimic a single neuron cell under periodic stimulation. Optics Letters, 2020, 45, 4032.	3.3	1
24	High-power structured laser modes: manifestation of quantum Green's function. Optics Letters, 2020, 45, 4579.	3.3	5
25	Efficient solid-state Raman yellow laser at 579.5 nm. Optics Letters, 2020, 45, 5612.	3.3	17
26	High-power diode-pumped Nd:GdVO <sub>4</sub> /KGW Raman laser at 578 nm. Optics Letters, 2020, 45, 5562.	3.3	11
27	Generation and characterization of burst modes in passively mode-locked lasers with internal Fabry-Perot cavities. Optics Letters, 2020, 45, 61.	3.3	2
28	Laser transverse modes of spherical resonators: a review [Invited]. Chinese Optics Letters, 2020, 18, 091404.	2.9	14
29	Characterizing the topological charges distribution of the elliptical beams with vortex lattices. Optics Letters, 2020, 45, 200.	3.3	2
30	Generating High-Order Transverse Patterns in Optically Pumped Semiconductor Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-7.	2.9	1
31	High-power dual-color yellow-green solid-state self-Raman laser. Laser Physics, 2019, 29, 075802.	1.2	7
32	Employing graphene acoustoelectric switch by dual surface acoustic wave transducers. Scientific Reports, 2019, 9, 8235.	3.3	6
33	Efficient high-power continuous-wave lasers at green-lime-yellow wavelengths by using a Nd:YVO <sub>4</sub> self-Raman crystal. Optics Express, 2019, 27, 2029.	3.4	43
34	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
35	Exploring the DBR superlattice effect on the thermal performance of a VECSEL with the finite element method. Optics Letters, 2019, 44, 327.	3.3	11
36	Exploring elliptical vortex beams with the spatial damping effect. Optics Letters, 2019, 44, 959.	3.3	4

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37	Efficient high-power dual-wavelength lime-green Nd:YVO4 lasers. Optics Letters, 2019, 44, 1323.	3.3	20
38	Wave representation for asymmetric elliptic vortex beams generated from the astigmatic mode converter. Optics Letters, 2019, 44, 2028.	3.3	14
39	Laser wave-packet representation to unify eigenmodes and geometric modes in spherical cavities. Optics Letters, 2019, 44, 2649.	3.3	15
40	Generalized wave-packet formulation with ray-wave connections for geometric modes in degenerate astigmatic laser resonators. Optics Letters, 2019, 44, 5366.	3.3	13
41	Origin of continuous curves and dotted spots in laser transverse modes with geometric structures. Optics Letters, 2019, 44, 5989.	3.3	9
42	Characterizing the Topological Charges in the Astigmatic Transformation from Hermite-Gaussian Modes to Hermite-Laguerre-Gaussian Modes. , 2019, , .		0
43	Origin of Lasing Modes Changing from Low-Order Hermite-Gaussian modes to High-Order geometric modes in Off-Axis Pumped Degenerate Cavities. , 2019, , .		0
44	Asymmetrical Vortex Beams in the Spherical Cavities. , 2019, , .		0
45	Energy scale-up and mode-quality enhancement of the LED-pumped Nd:YAG Q-switched laser achieving a millijoule green pulse. Optics Letters, 2019, 44, 3202.	3.3	9
46	Exploring the formation of thermally detuned transverse patterns in a broad-area square VCSEL. Optics Letters, 2019, 44, 3034.	3.3	1
47	Realizing High-Pulse-Energy Large-Angular-Momentum Beams by Astigmatic Transformation of Geometric Modes in an Nd:YAG/Cr <sup>4+</sup> :YAG Laser. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-9.	2.9	19
48	Flexibly Controlling the Power Ratio of Dual-Wavelength SESAM-Based Mode-Locked Lasers With Wedged-Bonded Nd:YVO4/Nd:GdVO4 Crystals. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-5.	2.9	11
49	Orthogonally Polarized Self-Mode-Locked Lasers With Repetition Rate Multiplication up to Hundreds of Gigahertz: Observation of Temporal Carpets. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6.	2.9	3
50	Exploring the Emergence of the Self-Q-Switching in Diode-Pumped Yb:KGW Monolithic Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6.	2.9	9
51	Characterizing the propagation evolution of wave patterns and vortex structures in astigmatic transformations of Hermite-Gaussian beams. Laser Physics, 2018, 28, 015002.	1.2	28
52	Controlled Low-Frequency Electrical Noise of Monolayer MoS <sub>2</sub> with Ohmic Contact and Tunable Carrier Concentration. Advanced Electronic Materials, 2018, 4, 1700340.	5.1	14
53	Bottle beam generation from a frequency-doubled Nd:YVO4 laser. Scientific Reports, 2018, 8, 16576.	3.3	9
54	Characterization and generation of high-power multi-axis vortex beams by using off-axis pumped degenerate cavities with external astigmatic mode converter. Optics Express, 2018, 26, 20481.	3.4	27

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55	Point-driven modern Chladni figures with symmetry breaking. <i>Scientific Reports</i> , 2018, 8, 10844.	3.3	8
56	Manifesting the connection between topological structures of quantum stationary coherent states and bundles of classical Lissajous orbits. <i>Europhysics Letters</i> , 2018, 122, 30002.	2.0	6
57	Orthogonally polarized single-longitudinal-mode operation in a dual-wavelength monolithic Nd:YAG laser at 1319 nm and 1338 nm. <i>Photonics Research</i> , 2018, 6, 815.	7.0	12
58	Exploring the power scaling of the cryogenic 946 nm monolithic laser. <i>Laser Physics Letters</i> , 2018, 15, 085801.	1.4	5
59	Experimental and theoretical explorations for optimizing high-power geometric modes in diode-pumped solid-state lasers. <i>Laser Physics Letters</i> , 2018, 15, 075802.	1.4	4
60	Generating high-power asymmetrical Laguerre-Gaussian modes and exploring topological charges distribution. <i>Optics Express</i> , 2018, 26, 31738.	3.4	9
61	Narrowing spectral linewidth in passively mode-locked solid-state lasers. <i>Optics Letters</i> , 2018, 43, 5753.	3.3	5
62	Originating an integral formula and using the quantum Fourier transform to decompose the Hermite-Laguerre-Gaussian modes into elliptical orbital modes. <i>OSA Continuum</i> , 2018, 1, 744.	1.8	15
63	Analytical representation for structured light generated by astigmatic transformation of Hermite-Gaussian beams. , 2018, , .		0
64	Bottle beam generation from a frequency-doubled Nd:YVO4 laser with a tightly end-pumping geometry. , 2018, , .		0
65	Generation of high-energy geometric structured beams by off-axis pumped Nd:YAG/Cr4+:YAG lasers with degenerate resonators. , 2018, , .		0
66	Scaling output energy in a diode-end-pumped passively Q-switched laser with a flat-flat resonator. <i>Applied Physics B: Lasers and Optics</i> , 2017, 123, 1.	2.2	8
67	Characterizing classical periodic orbits from quantum Green's functions in two-dimensional integrable systems: Harmonic oscillators and quantum billiards. <i>Physical Review E</i> , 2017, 95, 012217.	2.1	6
68	Extracting trajectory equations of classical periodic orbits from the quantum eigenmodes in two-dimensional integrable billiards. <i>Physical Review E</i> , 2017, 95, 022214.	2.1	3
69	Astigmatism inducing the degenerate effect in nearly hemispherical cavities: generation of three-dimensional structured light. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
70	Ultra-low acoustoelectric attenuation in graphene. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	9
71	Optical vortex pumped solid-state Raman laser. , 2017, , .		1
72	Orthogonally polarized self-mode-locked Nd:YAG laser with tunable beat frequencies. , 2017, , .		0

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73	Various phenomena of self-mode-locked operation in optically pumped semiconductor lasers. , 2017, , .		0
74	Entropy production and irreversibility of dissipative trajectories in electric circuits. Physical Review E, 2017, 95, 012158.	2.1	9
75	Dual-central-wavelength passively mode-locked diffusion-bonded Nd:YVO <sub>4</sub> /Nd:GdVO <sub>4</sub> laser with a semiconductor saturable absorber mirror. Laser Physics Letters, 2017, 14, 085803.	1.4	7
76	Exploring the self-mode-locked dynamics of cryogenic diode-pumped Nd:YLF lasers: switching of orthogonal polarizations. Laser Physics Letters, 2017, 14, 085805.	1.4	0
77	Direct generation of an optical vortex beam from a diode-pumped Yb:MgWO <sub>4</sub> laser. Laser Physics Letters, 2017, 14, 085807.	1.4	13
78	Symmetry Breaking Induced Geometric Surfaces with Topological Curves in Quantum and Classical Dynamics of the SU(2) Coupled Oscillators. Annalen Der Physik, 2017, 529, 1600253.	2.4	7
79	Generating high-peak-power structured lights in selectively pumped passively Q-switched lasers with astigmatic mode transformations. Laser Physics, 2017, 27, 125805.	1.2	8
80	Generation of Orthogonally Polarized Mode-Locked Lasers at Wavelength of 1342 nm. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	1
81	Generation of terahertz optical beating from a simultaneously self-mode-locked Nd:YAG laser at 1064 and 1123 nm. Optics Letters, 2017, 42, 302.	3.3	7
82	Compact coupling scheme to achieve the synchronously dual self-mode-locked operation with a 352 THz optical beating. Optics Letters, 2017, 42, 2224.	3.3	2
83	Exploring the self-mode locking and vortex structures of nonplanar elliptical modes in selectively end-pumped Nd:YVO <sub>4</sub> lasers: manifestation of large fractional orbital angular momentum. Optics Express, 2017, 25, 22769.	3.4	11
84	Generating laser transverse modes analogous to quantum Green's functions of two-dimensional harmonic oscillators. Photonics Research, 2017, 5, 733.	7.0	12
85	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
86	Broad expansion of optical frequency combs by self-Raman scattering in coupled-cavity self-mode-locked monolithic lasers. Optics Express, 2017, 25, 7627.	3.4	4
87	Exploiting birefringent thermal lensing effect to manipulate polarization states of an Nd:YVO <sub>4</sub> self-mode-locked laser. Optics Express, 2017, 25, 29000.	3.4	15
88	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
89	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
90	Exploring the self-mode locking of the 2 μm Tm:YAG laser with suppression of the self-pulsing dynamic. Optics Letters, 2017, 42, 5226.	3.3	13

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91	Generation of 35.2-THz Optical Beating in Synchronously Self-mode-locked 946-nm and 1064-nm Lasers with Compact Coupling Scheme. , 2017, , .		0
92	Dual-comb SESAM-based Synchronized Mode-locked Laser with a Diffusion-bonded Nd:YVO4/Nd:GdVO4 Crystal. , 2017, , .		0
93	Observation of Simultaneous Self-mode-locking at 1061 and 1064 nm with Two Orthogonally Polarized Emissions in a Cryogenically Cooled Monolithic Nd:YAG Laser: Generation of Sub-terahertz Beating. , 2017, , .		0
94	Exploring vortex structures in orbital-angular-momentum beams generated from planar geometric modes with a mode converter. Optics Express, 2016, 24, 22796.	3.4	26
95	Monolithic dual-polarization self-mode-locked Nd:YAG 946-nm lasers: controlling beat frequency and observation of temporal chaos. Optics Express, 2016, 24, 23829.	3.4	7
96	Exploiting concave-convex linear resonators to design end-pumped solid-state lasers with flexible cavity lengths: Application for exploring the self-mode-locked operation. Optics Express, 2016, 24, 26024.	3.4	7
97	Energy level systems and transitions of Ho:LuAG laser resonantly pumped by a narrow line-width Tm fiber laser. Optics Express, 2016, 24, 27536.	3.4	3
98	Synchronized self-mode-locked 1061-nm and 1064-nm monolithic Nd:YAG laser at cryogenic temperatures with two orthogonally polarized emissions: generation of 670 GHz beating. Optics Express, 2016, 24, 22189.	3.4	10
99	Theoretical and experimental studies for high-repetition-rate disordered crystal lasers with harmonic self-mode locking. Optics Express, 2016, 24, 3832.	3.4	8
100	Analysis of the optimal temperature for the cryogenic monolithic Nd:YAG laser at 946-nm. Optics Express, 2016, 24, 1.	3.4	26
101	Generation of orthogonally polarized self-mode-locked Nd:YAG lasers with tunable beat frequencies from the thermally induced birefringence. Optics Letters, 2016, 41, 1781.	3.3	13
102	Fractal frequency spectrum in laser resonators and three-dimensional geometric topology of optical coherent waves. Physical Review A, 2016, 94, .	2.5	28
103	Exploring transverse pattern formation in a dual-polarization self-mode-locked monolithic Yb: KGW laser and generating a 25-GHz sub-picosecond vortex beam via gain competition. Optics Express, 2016, 24, 8754.	3.4	9
104	Exploiting broad-area surface emitting lasers to manifest the path-length distributions of finite-potential quantum billiards. Optics Express, 2016, 24, 82.	3.4	2
105	Observation of reflection feedback induced the formation of bright-dark pulse pairs in an optically pumped semiconductor laser. Optics Express, 2016, 24, 13000.	3.4	3
106	Diode-Pumped Nd:YAP Intracavity Optical Parametric Oscillator Emitting at 1603 nm: Influence of Energy-Transfer Upconversion. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	1
107	Dual-Wavelength Intracavity OPO With a Diffusion-Bonded Nd:YVO4/Nd:GdVO4 Crystal. IEEE Photonics Technology Letters, 2016, 28, 1123-1126.	2.5	10
108	Fluctuations of entropy production in partially masked electric circuits. Europhysics Letters, 2016, 113, 30001.	2.0	11

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109	Generation of multiple spectral bands in a diode-pumped self-mode-locked Nd:YAP laser. <i>Laser Physics</i> , 2016, 26, 025803.	1.2	7
110	Selective pumping and spatial hole burning for generation of photon wave packets with ray-wave duality in solid-state lasers. <i>Laser Physics Letters</i> , 2016, 13, 025001.	1.4	8
111	Observation of Repetition Rate Locking in an Orthogonally-Polarized Dual-Wavelength Passively Q-Switched Hybrid Nd:YVO4/Nd:YLF Laser. , 2016, , .		3
112	Exploring vortex structures of circularly geometric beams from off-axis pumped solid-state lasers with an external mode converter. , 2016, , .		0
113	Achieving dual-wavelength co-linear emission at quasi-three-level and four-level transitions with compactly combined dual gain media. , 2016, , .		0
114	Orthogonally polarized dual-wavelength cryogenic Nd:YLF laser and the investigation to the passive Q-switching. , 2016, , .		0
115	Design model of thermally insensitive convex-concave cavities for high-power diode-end-pumped solid-state lasers. , 2016, , .		0
116	High-peak-power optically-pumped AlGaInAs eye-safe laser with a silicon wafer as an output coupler: comparison between the stack cavity and the separate cavity. <i>Optics Express</i> , 2015, 23, 30749.	3.4	7
117	Manifesting the evolution of eigenstates from quantum billiards to singular billiards in the strongly coupled limit with a truncated basis by using <i>RLC</i> networks. <i>Physical Review E</i> , 2015, 92, 062906.	2.1	6
118	Dual-band eye-safe Nd:YAP/KTP Raman laser. , 2015, , .		0
119	Developing a microspectrophotometer to measure the dependence of broadband refractive indices on Ge-doped concentrations in GRIN rods. <i>Optics Express</i> , 2015, 23, 30815.	3.4	2
120	Diode-end-pumped solid-state lasers with dual gain media for multi-wavelength emission. <i>Laser Physics</i> , 2015, 25, 015802.	1.2	2
121	The Influences of Boundary Shapes on Polarization Characteristics and Lasing Modes in Broad-Area Vertical-Cavity Surface-Emitting Lasers With Cryogenic Detuning: Regular Versus Chaotic Cavities. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2015, 21, 423-428.	2.9	0
122	Exploring the resonant vibration of thin plates: Reconstruction of Chladni patterns and determination of resonant wave numbers. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 2113-2123.	1.1	39
123	Exploiting the image of the surface reflectivity to measure refractive index profiling for various optical fibers. <i>Optics Express</i> , 2015, 23, 11755.	3.4	7
124	Efficient dual-wavelength diode-end-pumped laser with a diffusion-bonded Nd:YVO <sub>4</sub> /Nd:GdVO <sub>4</sub> crystal. <i>Optical Materials Express</i> , 2015, 5, 2136.	3.0	12
125	An energy adjustable linearly polarized passively Q-switched bulk laser with a wedged diffusion-bonded Nd:YAG/Cr <sup>4+</sup> :YAG crystal. <i>Optics Express</i> , 2015, 23, 8162.	3.4	10
126	Comparative study of intracavity KTP-based Raman generation between Nd:YAP and Nd:YAG lasers operating on the <sup>4</sup> F <sub>3/2</sub> → <sup>4</sup> I <sub>13/2</sub> transition. <i>Optics Express</i> , 2015, 23, 10435.	3.4	6



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127	Dual-wavelength eye-safe Nd:YAP Raman laser. Optics Letters, 2015, 40, 3560.	3.3	19
128	Synthesis and Application of Monolayer Semiconductors (June 2015). IEEE Journal of Quantum Electronics, 2015, 51, 1-10.	1.9	13
129	Dual-comb self-mode-locked monolithic Yb:KGW laser with orthogonal polarizations. Optics Express, 2015, 23, 10111.	3.4	25
130	24-W cryogenically cooled Nd:YAG monolithic 946-nm laser with a slope efficiency >70%. Optics Express, 2015, 23, 10126.	3.4	19
131	Exploring the influence of high order transverse modes on the temporal dynamics in an optically pumped mode-locked semiconductor disk laser. Optics Express, 2015, 23, 16339.	3.4	10
132	Intracavity continuous-wave multiple stimulated-Raman-scattering emissions in a KTP crystal pumped by a Nd:YVO <sub>4</sub> laser. Optics Express, 2015, 23, 22765.	3.4	16
133	Cryogenically monolithic self-Raman lasers: observation of single-longitudinal-mode operation. Optics Letters, 2015, 40, 1996.	3.3	13
134	Resolving the formation of modern Chladni figures. Europhysics Letters, 2015, 111, 64004.	2.0	11
135	Compact High-Peak-Power End-Pumped AlGaInAs Eye-Safe Laser With a Heat-Spreader Diamond Coated as a Cavity Mirror. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 148-152.	2.9	1
136	Efficient Dual-Wavelength Synchronously Mode-Locked Picosecond Laser Operating on the $F_{3/2} \rightarrow F_{1/2}$ Transition With Compactly Combined Dual Gain Media. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 56-62.	2.9	7
137	Efficient Continuous-Wave Self-Raman Nd:KGW Laser With Intracavity Cascade Emission Based on Shift of 89 cm <sup>-1</sup> . IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 142-147.	2.9	7
138	Power Scaling in a Diode-End-Pumped Multisegmented Nd:YVO <sub>4</sub> Laser With Double-Pass Power Amplification. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 226-231.	2.9	6
139	Generation of sub-terahertz repetition rates from a monolithic self-mode-locked laser coupled with an external Fabry-Perot cavity. Laser and Photonics Reviews, 2015, 9, 91-97.	8.7	16
140	Comparative Study Between Extracavity and Intracavity Frequency-Doubled Laser at 532 nm: Application for the Deep Ultraviolet Generation at 266 nm. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 178-184.	2.9	0
141	Generation of Higher Order Vortex Beams From a YVO <sub>4</sub> /Nd:YVO <sub>4</sub> Self-Raman Laser via Off-Axis Pumping With Mode Converter. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 318-322.	2.9	11
142	Exploring a diffusion-bonded Nd:YVO <sub>4</sub> /Nd:GdVO <sub>4</sub> crystal for generating an efficient diode-end-pumped dual-spectral-band laser. , 2015, , .		0
143	High-power self-mode-locked Nd:YVO <sub>4</sub> laser at wavelength of 1342 nm with simultaneously orthogonal polarizations. , 2015, , .		0
144	Over Ten-millijoule Eye-safe Laser Generation by Extra-cavity Optical Parametric Oscillator Driven with a Diode-pumped Nd:YAG/Cr <sup>4+</sup> :YAG Q-Switched Laser. , 2015, , .		0

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145	Optimal Temperature for the Cryogenically Cooled 946-nm Nd:YAG Laser with Monolithic Resonator. , 2015, , .		0
146	Total self-mode-locking of multi-pass geometric modes localized on hyperbolic caustics in diode-pumped Nd:YVO4 lasers. , 2015, , .		0
147	Exploring Air Breakdown Threshold and Temporal Dynamics by a Q-switched Mode-locked Nd:YAG Laser in a Statistical Approach. , 2015, , .		0
148	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
149	Exploring the influence of boundary shapes on emission angular distributions and polarization states of broad-area vertical-cavity surface-emitting lasers. Optics Express, 2014, 22, 26939.	3.4	3
150	Observation of self-mode-locking assisted by high-order transverse modes in optically pumped semiconductor lasers. Laser Physics Letters, 2014, 11, 105803.	1.4	13
151	Exploring lasing modes and polarization characteristics in broad-area square-shaped vertical-cavity surface emitting lasers with frequency detuning. Laser Physics Letters, 2014, 11, 115001.	1.4	3
152	Efficient high-energy passively Q-switched Nd:YAG/Cr4+:YAG laser with a convex-concave resonator. , 2014, , .		0
153	Manipulation of linearly polarized states in a diode-pumped YAG/Tm:YAG/YAG bulk laser. Optics Letters, 2014, 39, 1945.	3.3	10
154	Pattern formation of second harmonic conical waves in a nonlinear medium with extended defect structure. Optics Express, 2014, 22, 27859.	3.4	2
155	Introduction to the issue on Physics and Applications of Laser Dynamics (IS-PALD 2013). Optics Express, 2014, 22, 7362.	3.4	1
156	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
157	Exploring the distinction between experimental resonant modes and theoretical eigenmodes: From vibrating plates to laser cavities. Physical Review E, 2014, 89, 022911.	2.1	10
158	Frequency comb expansion in a monolithic self-mode-locked laser concurrent with stimulated Raman scattering. Laser and Photonics Reviews, 2014, 8, 750-755.	8.7	15
159	Power scale-up and propagation evolution of structured laser beams concentrated on 3D Lissajous parametric surfaces. Laser Physics Letters, 2014, 11, 125806.	1.4	8
160	Effect of spatial hole burning on a dual-wavelength mode-locked laser based on compactly combined dual gain media. Photonics Research, 2014, 2, 161.	7.0	10
161	Nd:YLF laser at cryogenic temperature with orthogonally polarized simultaneous emission at 1047 nm and 1053 nm. Optics Express, 2014, 22, 25318.	3.4	28
162	A high-power harmonically self-mode-locked Nd:YVO4 1.34- $\mu$ m laser with repetition rate up to 32.1 GHz. Laser Physics, 2014, 24, 045803.	1.2	7

#	ARTICLE	IF	CITATIONS
163	Precise measurement of the thermo-optical coefficients of various Nd-doped vanadates with an intracavity self-mode-locked scheme. <i>Laser Physics</i> , 2014, 24, 035804.	1.2	3
164	Experimental determination of the elastic cotunneling rate in a hybrid single-electron box. <i>Applied Physics Letters</i> , 2014, 104, 232601.	3.3	1
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