

# Dingyuan Tang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

500  
papers

21,249  
citations

66  
h-index

131  
g-index

556  
ext. papers

24,548  
ext. citations

3.1  
avg. IF

6.85  
L-index

#	Paper	IF	Citations
500	High Power and Efficient Operation of Tm:YAG Ceramic Laser Resonantly Pumped at 1620 nm. <i>IEEE Photonics Journal</i> , <b>2022</b> , 14, 1-3	1.8	
499	Selective frequency mixing in a cascaded self-Raman laser with a critical phase-matched LBO crystal. <i>Journal of Luminescence</i> , <b>2022</b> , 244, 118698	3.8	1
498	Narrow linewidth self-injection locked fiber laser based on a crystalline resonator in add-drop configuration.. <i>Optics Letters</i> , <b>2022</b> , 47, 1525-1528	3	1
497	Ultrafast Tm:CaYAlO <sub>4</sub> laser with pulse regulation and saturation parameters evolution in the 2 $\mu$ m water absorption band. <i>Optics and Laser Technology</i> , <b>2022</b> , 152, 108096	4.2	1
496	1kHz, 1.5MW peak power pulse generation from an acousto-optically Q-switched Ho:GdVO <sub>4</sub> oscillator. <i>Optics and Laser Technology</i> , <b>2022</b> , 152, 108114	4.2	0
495	High transparency Pr:Y <sub>2</sub> O <sub>3</sub> ceramics: A promising gain medium for red emission solid-state lasers. <i>Journal of Advanced Ceramics</i> , <b>2022</b> , 11, 874	10.7	0
494	Fabrication and comprehensive structural and spectroscopic properties of Er:Y <sub>2</sub> O <sub>3</sub> transparent ceramics. <i>Journal of Rare Earths</i> , <b>2021</b> ,	3.7	2
493	Polarization domain splitting and incoherently coupled dark-bright vector soliton formation in single mode fiber lasers. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2021</b> , 38, 24	1.7	2
492	Direct generation of ultrafast vortex beam from a Tm:CaYAlO oscillator featuring pattern matching of a folded-cavity resonator. <i>Optics Express</i> , <b>2021</b> , 29, 39312-39322	3.3	3
491	Efficiency degradation of laser ceramics caused by inappropriate dispersants and sintering aids. <i>Optical Materials</i> , <b>2021</b> , 122, 111789	3.3	
490	Application of a novel biomimetic double-ligand zirconium-based metal organic framework in environmental restoration and energy conversion.. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 610, 136-151	9.3	2
489	Adaptive genetic algorithm-based 2 $\mu$ m intelligent mode-locked fiber laser. <i>OSA Continuum</i> , <b>2021</b> , 4, 2747	1.4	
488	3D Printing of Transparent Spinel Ceramics with Transmittance Approaching the Theoretical Limit. <i>Advanced Materials</i> , <b>2021</b> , 33, e2007072	24	5
487	Exploring the evolution of pores in HIPed Y <sub>2</sub> O <sub>3</sub> transparent ceramics. <i>Ceramics International</i> , <b>2021</b> , 47, 11637-11643	5.1	0
486	Collision between soliton and polarization domain walls in fiber lasers. <i>Optics Express</i> , <b>2021</b> , 29, 12590-12598	3.598	2
485	Anti-dark solitons in a single mode fiber laser. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2021</b> , 395, 127226	2.3	5
484	Sub-five-optical-cycle pulse generation from a Kerr-lens mode-locked Yb:CaYAlO laser. <i>Optics Letters</i> , <b>2021</b> , 46, 2328-2331	3	8

483	Stable Q-switched mode-locking of an in-band pumped Ho : Y2O3 ceramic laser at 2117 nm. <i>Quantum Electronics</i> , <b>2021</b> , 51, 419-422	1.8	
482	High Power Single Frequency Tm:Y2O3 Ceramic Laser at 2015 nm. <i>IEEE Photonics Journal</i> , <b>2021</b> , 13, 1-7	1.8	1
481	Effects of glycerol addition on the slurry dispersion and mechanical properties of alumina ceramics prepared by gel-casting process. <i>Ceramics International</i> , <b>2021</b> , 47, 20260-20267	5.1	1
480	W-type normal dispersion thulium-doped fiber-based high-energy all-fiber femtosecond laser at 1.7 $\mu\text{m}$ . <i>Optics Letters</i> , <b>2021</b> , 46, 3637-3640	3	1
479	Microfiber-Knot-Resonator-Induced Energy Transferring From Vector Noise-Like Pulse to Scalar Soliton Rains in an Erbium-Doped Fiber Laser. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2021</b> , 27, 1-6	3.8	3
478	Fabrication of Highly Transparent YO Ceramics with CaO as Sintering Aid. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
477	Dark-bright soliton trapping in a fiber laser. <i>Optics Letters</i> , <b>2021</b> , 46, 1105-1108	3	2
476	Polycrystalline alumina ceramic fabrication using digital stereolithographic light process. <i>Ceramics International</i> , <b>2021</b> , 47, 33815-33815	5.1	0
475	Passively Q-switched multiple visible wavelengths switchable YVO4 Raman laser. <i>Journal of Luminescence</i> , <b>2020</b> , 228, 117650	3.8	6
474	Dissipative dark-bright vector solitons in fiber lasers. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	14
473	Dissipative peregrine solitons in fiber lasers. <i>JPhys Photonics</i> , <b>2020</b> , 2, 034011	2.5	1
472	Dark solitons embedded in a stable periodic pulse train emitted by a fiber ring laser. <i>JPhys Photonics</i> , <b>2020</b> , 2, 034009	2.5	1
471	High Peak Power Acousto-Optically Q-Switched Ho:Y2O3 Ceramic Laser at 2117 nm. <i>IEEE Photonics Technology Letters</i> , <b>2020</b> , 32, 492-495	2.2	4
470	Breach and recurrence of dissipative soliton resonance during period-doubling evolution in a fiber laser. <i>Physical Review A</i> , <b>2020</b> , 102,	2.6	2
469	Vectorial Nature in Nonlinear Multimode Interference Based Ultrafast Fiber Lasers. <i>IEEE Photonics Journal</i> , <b>2020</b> , 12, 1-10	1.8	8
468	Fabrication of laser grade Yb: Y2O3 transparent ceramics with ZrO2 additive through hot isostatic pressing. <i>Materials Today Communications</i> , <b>2020</b> , 24, 101185	2.5	4
467	High-energy Pulse Generation at 1.76 $\mu\text{m}$ from All-fiber Laser Configuration using Normal Dispersion Thulium-doped Fiber <b>2020</b> ,		1
466	Period doubling eigenstates in a fiber laser mode-locked by nonlinear polarization rotation. <i>Optics Express</i> , <b>2020</b> , 28, 9802-9810	3.3	5

465	Few-moded ultralarge mode area chalcogenide photonic crystal fiber for mid-infrared high power applications. <i>Optics Express</i> , <b>2020</b> , 28, 16658-16672	3.3	5
464	All-fiber short-wavelength tunable mode-locked fiber laser using normal dispersion thulium-doped fiber. <i>Optics Express</i> , <b>2020</b> , 28, 17570-17580	3.3	11
463	Coherently coupled vector black solitons in a quasi-isotropic cavity fiber laser. <i>Optics Letters</i> , <b>2020</b> , 45, 6563-6566	3	2
462	Period doubling of multiple dissipative-soliton-resonance pulses in a fibre laser. <i>OSA Continuum</i> , <b>2020</b> , 3, 911	1.4	3
461	Periodic power variation induced sideband instability in a single mode fiber laser. <i>Laser Physics Letters</i> , <b>2020</b> , 17, 095103	1.5	1
460	Noise-like pulses with an h-shape from a 2 $\mu\text{m}$ semiconductor saturable-absorber mirror mode-locked fiber oscillator. <i>Laser Physics Letters</i> , <b>2020</b> , 17, 115101	1.5	5
459	Fabrication and rheological behavior of tape-casting slurry for ultra-thin multilayer transparent ceramics. <i>International Journal of Applied Ceramic Technology</i> , <b>2020</b> , 17, 1255-1263	2	2
458	Stable Q-switched mode-locking of Er:YAG ceramic laser at 1645 nm using a semiconductor saturable absorber. <i>Japanese Journal of Applied Physics</i> , <b>2020</b> , 59, 072003	1.4	3
457	Evolution from Periodic Intensity Modulations to Dissipative Vector Solitons in A Single-Mode Fiber Laser. <i>Photonics</i> , <b>2020</b> , 7, 103	2.2	
456	Optical properties of transparent ZnSe <sub>0.9</sub> Sn <sub>0.1</sub> mixed crystal ceramics prepared by hot isostatic pressing. <i>Optical Materials</i> , <b>2020</b> , 108, 110214	3.3	
455	. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 6069-6075	4	9
454	Materials development and potential applications of transparent ceramics: A review. <i>Materials Science and Engineering Reports</i> , <b>2020</b> , 139, 100518	30.9	89
453	Fabrication of Er:Y <sub>2</sub> O <sub>3</sub> transparent ceramics for 2.7 $\mu\text{m}$ mid-infrared solid-state lasers. <i>Journal of the European Ceramic Society</i> , <b>2020</b> , 40, 444-448	6	12
452	Excitation of graphene magneto-plasmons in terahertz range and giant Kerr rotation. <i>Journal of Applied Physics</i> , <b>2019</b> , 125, 013102	2.5	4
451	Unusual Evolutions of Dissipative-Soliton-Resonance Pulses in an All-Normal Dispersion Fiber Laser. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-9	1.8	9
450	Recent progress of study on optical solitons in fiber lasers. <i>Applied Physics Reviews</i> , <b>2019</b> , 6, 021313	17.3	195
449	Review of mid-infrared mode-locked laser sources in the 2.0 $\mu\text{m}$ -5 $\mu\text{m}$ spectral region. <i>Applied Physics Reviews</i> , <b>2019</b> , 6, 021317	17.3	72
448	Observation of vector solitons supported by third-order dispersion. <i>Physical Review A</i> , <b>2019</b> , 99,	2.6	5

447	2 $\mu$ m vector mode-locked pulses from Tm:Y2O3 ceramics laser. <i>Laser Physics</i> , <b>2019</b> , 29, 045301	1.2	2
446	Tunable and switchable harmonic h-shaped pulse generation in a 303 km ultralong mode-locked thulium-doped fiber laser. <i>Photonics Research</i> , <b>2019</b> , 7, 332	6	21
445	Fabrication and microstructural characterizations of lasing grade Nd:Y2O3 ceramics. <i>Journal of the American Ceramic Society</i> , <b>2019</b> , 102, 7462-7468	3.8	8
444	A 142 W Ho:YAG laser single-end-pumped by a Tm-doped fiber laser at 1931 nm. <i>Laser Physics Letters</i> , <b>2019</b> , 16, 115001	1.5	6
443	Various soliton molecules in fiber systems. <i>Applied Optics</i> , <b>2019</b> , 58, 2745-2753	1.7	25
442	Observation of incoherently coupled dark-bright vector solitons in single-mode fibers. <i>Optics Express</i> , <b>2019</b> , 27, 18311-18317	3.3	16
441	Generation of noise-like pulses with 203 nm 3-dB bandwidth. <i>Optics Express</i> , <b>2019</b> , 27, 24147-24153	3.3	22
440	Narrow-bandwidth h-shaped pulse generation and evolution in a net normal dispersion thulium-doped fiber laser. <i>Optics Express</i> , <b>2019</b> , 27, 29770-29780	3.3	11
439	Enhanced nonlinear optical responses of graphene in multi-frequency topological edge modes. <i>Optics Express</i> , <b>2019</b> , 27, 32746-32763	3.3	7
438	Observation of dark-bright vector solitons in fiber lasers. <i>Optics Letters</i> , <b>2019</b> , 44, 2185-2188	3	18
437	2.7 $\mu$ m optical vortex beam directly generated from an Er:YO ceramic laser. <i>Optics Letters</i> , <b>2019</b> , 44, 4973-4976	3	5
436	Ho:YO ceramic laser generated over 113 W of output power at 2117 nm. <i>Optics Letters</i> , <b>2019</b> , 44, 5933-5936	14	
435	Fabrication of high efficiency sesquioxide-based laser ceramics <b>2019</b> ,		1
434	Dissipative soliton resonance and its depression into burst-like emission in a holmium-doped fiber laser with large normal dispersion. <i>Optics Letters</i> , <b>2019</b> , 44, 2414-2417	3	20
433	Vector dark solitons in a single mode fibre laser. <i>Laser Physics Letters</i> , <b>2019</b> , 16, 085110	1.5	4
432	Dual-wavelength dissipative solitons in an anomalous-dispersion-cavity fiber laser. <i>Nanophotonics</i> , <b>2019</b> , 9, 2361-2366	6.3	5
431	Cavity-assisted modulation instability lasing of a fiber ring laser. <i>Applied Physics B: Lasers and Optics</i> , <b>2019</b> , 125, 1	1.9	8
430	Pump laser induced photodarkening in ZrO2-doped Yb:Y2O3 laser ceramics. <i>Journal of the European Ceramic Society</i> , <b>2019</b> , 39, 635-640	6	15

429	Ultrathin 2D Transition Metal Carbides for Ultrafast Pulsed Fiber Lasers. <i>ACS Photonics</i> , <b>2018</b> , 5, 1808-1816	96	
428	Nanosecond Pulse Generation at 2.7 $\mu\text{m}$ From a Passively Q-Switched Er:Y2O3 Ceramic Laser. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2018</b> , 24, 1-6	3.8	7
427	Broadband features of passively harmonic mode locking in dispersion-managed erbium-doped all-fiber lasers. <i>Optics Communications</i> , <b>2018</b> , 416, 5-9	2	3
426	Passive Q-switching of $\sim 2.7 \mu\text{m}$ Er:Lu2O3 ceramic laser with a semiconductor saturable absorber mirror. <i>Japanese Journal of Applied Physics</i> , <b>2018</b> , 57, 022701	1.4	3
425	Fabrication and spectral properties of Dy:Y2O3 transparent ceramics. <i>Journal of the European Ceramic Society</i> , <b>2018</b> , 38, 1981-1985	6	21
424	Holmium doped yttria transparent ceramics for 2- $\mu\text{m}$ solid state lasers. <i>Journal of the European Ceramic Society</i> , <b>2018</b> , 38, 1986-1989	6	15
423	High-Power Ho-Doped Sesquioxide Ceramic Laser In-Band Pumped by a Tm-Doped All-Fiber MOPA. <i>IEEE Photonics Journal</i> , <b>2018</b> , 10, 1-7	1.8	4
422	Cavity-birefringence-dependent h-shaped pulse generation in a thulium-holmium-doped fiber laser. <i>Optics Letters</i> , <b>2018</b> , 43, 247-250	3	34
421	Internal polarization dynamics of vector dissipative-soliton-resonance pulses in normal dispersion fiber lasers. <i>Optics Letters</i> , <b>2018</b> , 43, 1222-1225	3	14
420	Stable Q-Switched Mode-Locking of 2.7 $\mu\text{m}$ Er:Y2O3 Ceramic Laser Using a Semiconductor Saturable Absorber. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 1155	2.6	1
419	Yellow, lime and green emission selectable by BBO angle tuning in Q-switched Nd:YVO4 self-Raman laser. <i>Laser Physics Letters</i> , <b>2018</b> , 15, 075803	1.5	12
418	High Power and Short Pulse Width Operation of Passively Q-Switched Er:Lu2O3 Ceramic Laser at 2.7 $\mu\text{m}$ . <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 801	2.6	2
417	Dissipative Soliton Resonances in a Mode-Locked Holmium-Doped Fiber Laser. <i>IEEE Photonics Technology Letters</i> , <b>2018</b> , 30, 1699-1702	2.2	10
416	Yttria nanopowders with low degree of aggregation by a spray precipitation method. <i>Ceramics International</i> , <b>2018</b> , 44, 20472-20477	5.1	7
415	The phase, microstructure evolution and the Nd <sup>3+</sup> function in the fabrication process of LuAG transparent ceramics. <i>Journal of the European Ceramic Society</i> , <b>2018</b> , 38, 4043-4049	6	3
414	21-fs Kerr-lens Mode-locked Yb:CaYAlO4 Laser <b>2018</b> ,		2
413	Highly efficient CW operation of a diode pumped Nd:Y2O3 ceramic laser. <i>Optical Materials Express</i> , <b>2018</b> , 8, 3518	2.6	7
412	Submicron-grained Yb:Lu2O3 transparent ceramics with lasing quality. <i>Journal of the American Ceramic Society</i> , <b>2018</b> , 102, 2587	3.8	3

411	Peak-Power-Clamped Passive Q-Switching of a Thulium/Holmium Co-Doped Fiber Laser. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 4975-4980	4	7
410	Crystal growth and properties of the disordered crystal Yb:SrLaAlO <sub>4</sub> : a promising candidate for high-power ultrashort pulse lasers. <i>CrystEngComm</i> , <b>2018</b> , 20, 3388-3395	3.3	12
409	Diode-pumped high power 2.7 $\mu$ m Er:Y <sub>2</sub> O <sub>3</sub> ceramic laser at room temperature. <i>Optical Materials</i> , <b>2017</b> , 71, 70-73	3.3	13
408	Yb:Y <sub>2</sub> O <sub>3</sub> transparent ceramics processed with hot isostatic pressing. <i>Optical Materials</i> , <b>2017</b> , 71, 117-120	3.3	22
407	Diode-pumped Nd:LuAG ceramic laser on 4 F <sub>3/2</sub> - 4 I <sub>13/2</sub> transition. <i>Optical Materials</i> , <b>2017</b> , 71, 121-124	3.3	3
406	Efficient Nd:YAG KTiOAsO <sub>4</sub> cascaded Raman laser emitting around 1.2 $\mu$ m. <i>Optical Materials</i> , <b>2017</b> , 71, 66-69	3.3	4
405	In-band pumped Q-switched polycrystalline Er:YAG ceramic laser at 1617 and 1634 nm. <i>Optical Materials</i> , <b>2017</b> , 71, 9-12	3.3	0
404	Cascaded Self-Raman Laser Emitting Around 1.2 $\mu$ m Based on a c-cut Nd:YVO <sub>4</sub> Crystal. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-7	1.8	7
403	Highly stable self-pulsed operation of an Er:Lu <sub>2</sub> O <sub>3</sub> ceramic laser at 2.7 $\mu$ m. <i>Laser Physics Letters</i> , <b>2017</b> , 14, 045803	1.5	7
402	Spark plasma sintering of Sm <sup>3+</sup> doped Y <sub>2</sub> O <sub>3</sub> transparent ceramics for visible light lasers. <i>Ceramics International</i> , <b>2017</b> , 43, 12057-12060	5.1	13
401	Two-Dimensional CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite Nanosheets for Ultrafast Pulsed Fiber Lasers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 12759-12765	9.5	231
400	Mid-Infrared Tunable Intracavity Singly Resonant Optical Parametric Oscillator Based on MgO:PPLN. <i>International Journal of Optics</i> , <b>2017</b> , 2017, 1-5	0.9	4
399	Short-Pulse-Width Repetitively Q-Switched ~2.7- $\mu$ m Er:Y <sub>2</sub> O <sub>3</sub> Ceramic Laser. <i>Applied Sciences (Switzerland)</i> , <b>2017</b> , 7, 1201	2.6	3
398	Ga <sub>2</sub> S <sub>3</sub> -Sb <sub>2</sub> S <sub>3</sub> -CsI chalcogenide glasses for mid-infrared applications. <i>Journal of the American Ceramic Society</i> , <b>2017</b> , 100, 5107-5112	3.8	28
397	High-Peak-Power Acousto-Optically Q-Switched Er:Y <sub>2</sub> O <sub>3</sub> Ceramic Laser at ~2.7 $\mu$ m. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-6	1.8	7
396	Period-Doubling and Quadrupling Bifurcation of Vector Soliton Bunches in a Graphene Mode Locked Fiber Laser. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-8	1.8	20
395	Group-velocity-locked vector soliton molecules in fiber lasers. <i>Scientific Reports</i> , <b>2017</b> , 7, 2369	4.9	35
394	Mid-infrared luminescence of Dy <sup>3+</sup> ions in modified Ga-Sb-S chalcogenide glasses and fibers. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 695, 1237-1242	5.7	15

393	Toward vacuum sintering of YAG transparent ceramic using divalent dopant as sintering aids: Investigation of microstructural evolution and optical property. <i>Ceramics International</i> , <b>2017</b> , 43, 3140-3146	5.1	46
392	Low-level sintering aids for highly transparent Yb:Y <sub>2</sub> O <sub>3</sub> ceramics. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 695, 1414-1419	5.7	10
391	Low temperature-sintering and microstructure of highly transparent yttria ceramics. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 695, 2580-2586	5.7	18
390	1.96- $\mu$ m Tm:YAG Ceramic Laser. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-7	1.8	3
389	Stable passively harmonic mode-locking dissipative pulses in 2- $\mu$ m solid-state laser. <i>Optics Express</i> , <b>2017</b> , 25, 1815-1823	3.3	14
388	High-resolution chalcogenide fiber bundles for longwave infrared imaging. <i>Optics Express</i> , <b>2017</b> , 25, 26160-26165	3.3	15
387	Hollow-core air-gap anti-resonant fiber couplers. <i>Optics Express</i> , <b>2017</b> , 25, 29296	3.3	13
386	Diode-pumped continuous-wave and Q-switched Tm:Y <sub>2</sub> O <sub>3</sub> ceramic laser around 2050 nm. <i>Optical Materials Express</i> , <b>2017</b> , 7, 296	2.6	30
385	Watt-level broadly wavelength tunable mode-locked solid-state laser in the 2- $\mu$ m water absorption region. <i>Photonics Research</i> , <b>2017</b> , 5, 583	6	12
384	Generation of sub-50fs soliton pulses from a mode-locked Yb,Na:CNGG disordered crystal laser. <i>Optics Express</i> , <b>2017</b> , 25, 14968-14973	3.3	19
383	Eye-safe Nd:LuAG ceramic lasers. <i>Optical Materials Express</i> , <b>2017</b> , 7, 1374	2.6	5
382	Semiconductor Saturable Absorber Mirror Q-switched Er:Y <sub>2</sub> O <sub>3</sub> Ceramic Laser at 2.7 $\mu$ m <b>2017</b> ,		1
381	Generation of sub-100-fs pulses from a diode-pumped Yb:Y <sub>3</sub> ScAl <sub>4</sub> O <sub>12</sub> ceramic laser. <i>Chinese Optics Letters</i> , <b>2017</b> , 15, 121403	2.2	7
380	New double-sintering aid for fabrication of highly transparent ytterbium-doped yttria ceramics. <i>Journal of the European Ceramic Society</i> , <b>2016</b> , 36, 253-256	6	18
379	A Diode-Pumped Dual-Wavelength Tm, Ho: YAG Ceramic Laser. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-7	1.8	3
378	Densification of zirconia doped yttria transparent ceramics using co-precipitated powders. <i>Ceramics International</i> , <b>2016</b> , 42, 10770-10778	5.1	12
377	RbTiOPO cascaded Raman operation with multiple Raman frequency shifts derived by Q-switched Nd:YALO laser. <i>Scientific Reports</i> , <b>2016</b> , 6, 33852	4.9	14
376	Characterization and compression of dissipative-soliton-resonance pulses in fiber lasers. <i>Scientific Reports</i> , <b>2016</b> , 6, 23631	4.9	46



375	Period-Timing Bifurcations in a Dispersion-Managed Fiber Laser With Zero Group Velocity Dispersion. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-8	1.8	5
374	Densification of Yttria Transparent Ceramics: The Utilization of Activated Sintering. <i>Journal of the American Ceramic Society</i> , <b>2016</b> , 99, 1671-1675	3.8	16
373	Orthogonally dual-polarization passively mode-locking operation of Nd:La <sub>0.25</sub> Gd <sub>0.75</sub> VO <sub>4</sub> crystal. <i>Optics and Laser Technology</i> , <b>2016</b> , 85, 60-65	4.2	3
372	CW and passively Q-switched laser performance of Nd:Lu <sub>2</sub> SiO <sub>5</sub> crystal. <i>Optical Materials</i> , <b>2016</b> , 51, 241-244	3.5	10
371	Gain-switched Ho:YAG ceramic laser with an acousto-optic modulator. <i>Optical Engineering</i> , <b>2016</b> , 55, 046115		
370	Nd:(Gd <sub>0.3</sub> Y <sub>0.7</sub> ) <sub>2</sub> SiO <sub>5</sub> crystal: A novel efficient dual-wavelength continuous-wave medium. <i>Optics Communications</i> , <b>2016</b> , 366, 77-80	2	5
369	Coexistence and interaction of vector and bound vector solitons in a dispersion-managed fiber laser mode locked by graphene. <i>Optics Express</i> , <b>2016</b> , 24, 1814-22	3.3	70
368	Sub-80 femtosecond pulses generation from a diode-pumped mode-locked Nd:Ca <sub>3</sub> La <sub>2</sub> (BO <sub>3</sub> ) <sub>4</sub> disordered crystal laser. <i>Optics Letters</i> , <b>2016</b> , 41, 1384-7	3	17
367	Generation of 30 fs pulses from a diode-pumped graphene mode-locked Yb:CaYAlO <sub>4</sub> laser. <i>Optics Letters</i> , <b>2016</b> , 41, 890-3	3	59
366	Vector Gain-Guided Dissipative Solitons in a Net Normal Dispersive Fiber Laser. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 1-1	2.2	2
365	High repetition rate gain-switched Er:YAG ceramic laser at 1645 nm. <i>Laser Physics</i> , <b>2016</b> , 26, 025804	1.2	1
364	Short pulse-width gain-switched Ho:YAG ceramic laser at ~2.09 μs. <i>Applied Optics</i> , <b>2016</b> , 55, 1890-3	0.2	1
363	Temporal vector cavity solitons in a net anomalous dispersion fiber laser. <i>Laser Physics Letters</i> , <b>2016</b> , 13, 025103	1.5	2
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361	Efficient laser operation based on transparent Nd:Lu <sub>2</sub> O <sub>3</sub> ceramic fabricated by Spark Plasma Sintering. <i>Optics Express</i> , <b>2016</b> , 24, 20571-9	3.3	15
360	Vector soliton fiber laser passively mode locked by few layer black phosphorus-based optical saturable absorber. <i>Optics Express</i> , <b>2016</b> , 24, 25933-25942	3.3	163
359	Compact self-cascaded KTA-OPO for 2.6 μs laser generation. <i>Optics Express</i> , <b>2016</b> , 24, 26529-26535	3.3	13
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354	On-chip photonic Fourier transform with surface plasmon polaritons. <i>Light: Science and Applications</i> , <b>2016</b> , 5, e16034	16.7	39
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352	45-fs Diode-Pumped Passively Mode-Locked Yb:NaY(WO <sub>4</sub> ) <sub>2</sub> Soliton Laser. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 1298-1301	2.2	11
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350	Revision on fiber dispersion measurement based on Kelly sideband measurement. <i>Microwave and Optical Technology Letters</i> , <b>2016</b> , 58, 242-245	1.2	6
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87	Generation of 15-nJ bunched noise-like pulses with 93-nm bandwidth in an erbium-doped fiber ring laser. <i>Applied Physics B: Lasers and Optics</i> , <b>2006</b> , 83, 553-557	1.9	73
86	Continuous wavelength tuning in micromachined Littrow external-cavity lasers. <i>IEEE Journal of Quantum Electronics</i> , <b>2005</b> , 41, 187-197	2	22
85	9.2-W diode-end-pumped Yb:Y2O3 ceramic laser. <i>Applied Physics Letters</i> , <b>2005</b> , 86, 1611-16	3.4	77
84	Soliton collapse and bunched noise-like pulse generation in a passively mode-locked fiber ring laser. <i>Optics Express</i> , <b>2005</b> , 13, 2289-94	3.3	152
83	Mechanism of multisoliton formation and soliton energy quantization in passively mode-locked fiber lasers. <i>Physical Review A</i> , <b>2005</b> , 72,	2.6	428
82	Soliton interaction in a fiber ring laser <b>2005</b> , 5623, 652		
81	High-power diode-end-pumped CW Nd:GdVO4 laser. <i>Optics and Laser Technology</i> , <b>2005</b> , 37, 51-54	4.2	5
80	Growth and Q-switching performance on mixed laser crystal Nd0.0055(Gd0.64Y0.36)0.9945VO4. <i>Journal of Crystal Growth</i> , <b>2005</b> , 281, 508-512	1.6	3
79	Quasi-cw diode-pumped Nd:GdVO4 laser passively Q-switched and mode-locked by Cr4+:YAG saturable absorber. <i>Optics Communications</i> , <b>2005</b> , 250, 168-173	2	28
78	Period-doubling and quadrupling of bound solitons in a passively mode-locked fiber laser. <i>Optics Communications</i> , <b>2005</b> , 252, 167-172	2	22
77	Periodic soliton amplitude variation caused by unstable dispersive waves in a laser. <i>Optics Communications</i> , <b>2005</b> , 254, 242-247	2	5
76	Multipulse bound solitons with fixed pulse separations formed by direct soliton interaction. <i>Applied Physics B: Lasers and Optics</i> , <b>2005</b> , 80, 239-242	1.9	35
75	Passive mode locking of a diode-pumped Nd:Gd 0.64 Y 0.36 VO 4 laser with a GaAs saturable absorber mirror. <i>Applied Physics B: Lasers and Optics</i> , <b>2005</b> , 80, 475-477	1.9	32
74	Q-switched and continuous-wave mode-locking of a diode-pumped Nd:Gd0.64Y0.36VO4:Cr4+:YAG laser. <i>Applied Physics B: Lasers and Optics</i> , <b>2005</b> , 81, 511-515	1.9	23
73	Numerical studies of routes to chaos in passively mode-locked fiber soliton ring lasers with dispersion-managed cavity. <i>Europhysics Letters</i> , <b>2005</b> , 71, 56-62	1.6	8
72	Miniaturized injection-locked laser using microelectromechanical systems technology. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 1011-01	3.4	6
71	Soliton interaction in a fiber ring laser. <i>Physical Review E</i> , <b>2005</b> , 72, 016616	2.4	158
70	Discrete wavelength tunable laser using microelectromechanical systems technology. <i>Applied Physics Letters</i> , <b>2004</b> , 84, 329-331	3.4	41

69	Bound twin-pulse solitons in a fiber ring laser. <i>Physical Review E</i> , <b>2004</b> , 70, 067602	2.4	21
68	Diode-pumped passively mode-locked Nd:GdVO <sub>4</sub> laser with a GaAs saturable absorber mirror. <i>Applied Physics B: Lasers and Optics</i> , <b>2004</b> , 79, 203-206	1.9	46
67	Spectral characteristics of a Yb-doped Y <sub>2</sub> O <sub>3</sub> ceramic laser. <i>Applied Physics B: Lasers and Optics</i> , <b>2004</b> , 79, 449-455	1.9	30
66	Relationship between thermally induced lensing and output power for a high-power laser-diode side-pumped solid-state laser. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 42, 361-365	1.2	
65	High power passively Q-switched Nd:GdVO <sub>4</sub> lasers. <i>Optics Communications</i> , <b>2004</b> , 229, 331-336	2	27
64	Passively mode-locked Yb:Y <sub>2</sub> O <sub>3</sub> ceramic laser with a GaAs-saturable absorber mirror. <i>Optics Communications</i> , <b>2004</b> , 237, 165-168	2	20
63	Regimes of operation states in passively mode-locked fiber soliton ring laser. <i>Optics and Laser Technology</i> , <b>2004</b> , 36, 299-307	4.2	25
62	Passive harmonic mode locking of twin-pulse solitons in an erbium-doped fiber ring laser. <i>Optics Communications</i> , <b>2004</b> , 229, 363-370	2	28
61	Pulse-train nonuniformity in a fiber soliton ring laser mode-locked by using the nonlinear polarization rotation technique. <i>Physical Review A</i> , <b>2004</b> , 69,	2.6	31
60	Passively Q-switched Yb:Y(2)O(3) ceramic laser with a GaAs output coupler. <i>Optics Express</i> , <b>2004</b> , 12, 3560-6	3.3	31
59	Observation of period-doubling bifurcations in a femtosecond fiber soliton laser with dispersion management cavity. <i>Optics Express</i> , <b>2004</b> , 12, 4573-8	3.3	58
58	Random-wavelength solid-state laser. <i>Optics Letters</i> , <b>2004</b> , 29, 65-7	3	17
57	Diode-end-pumped 4.2-W continuous-wave Yb:Y <sub>2</sub> O <sub>3</sub> ceramic laser. <i>Optics Letters</i> , <b>2004</b> , 29, 1212-4	3	53
56	Tunable laser using micromachined grating with continuous wavelength tuning. <i>Applied Physics Letters</i> , <b>2004</b> , 85, 3684-3686	3.4	29
55	Energy quantization of twin-pulse solitons in a passively mode-locked fiber ring laser. <i>Applied Physics B: Lasers and Optics</i> , <b>2003</b> , 77, 585-588	1.9	8
54	Bound solitons with 103-fs pulse width and 585.5-fs separation from DI-NOLM figure-8 fiber laser. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 39, 163-164	1.2	6
53	Experimental study of a high-power CW side-pumped Nd:YAG laser. <i>Optics and Laser Technology</i> , <b>2003</b> , 35, 37-42	4.2	22
52	Close spaced ultra-short bound solitons from DI-NOLM Figure-8 fiber laser. <i>Optics Communications</i> , <b>2003</b> , 220, 297-302	2	13

51	Deterministic chaos in a diode-pumped Nd:YAG laser passively Q switched by a Cr <sup>4+</sup> :YAG crystal. <i>Optics Letters</i> , <b>2003</b> , 28, 325-7	3	38
50	660GHz Solitons Source Based on Modulation Instability in Short Cavity. <i>Optics Express</i> , <b>2003</b> , 11, 2480-53,3	3.3	14
49	Compound pulse solitons in a fiber ring laser. <i>Physical Review A</i> , <b>2003</b> , 68,	2.6	31
48	Diode-pumped Yb:Y <sub>2</sub> O <sub>3</sub> ceramic laser. <i>Applied Physics Letters</i> , <b>2003</b> , 82, 2556-2558	3.4	69
47	298 fs passively mode-locked ring fiber soliton laser. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 32, 329-333	1.2	11
46	Passively Q-switched Yb:YAG laser with a GaAs output coupler. <i>Optics Communications</i> , <b>2002</b> , 211, 271-275	2.5	43
45	Bound-soliton fiber laser. <i>Physical Review A</i> , <b>2002</b> , 66,	2.6	80
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38	Subsideband generation and modulational instability lasing in a fiber soliton laser. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2001</b> , 18, 1443	1.7	26
37	Observation of bound states of solitons in a passively mode-locked fiber laser. <i>Physical Review A</i> , <b>2001</b> , 64,	2.6	218
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34	Infrared optical properties of amorphous hydrogenated carbon nitride film. <i>Journal of Non-Crystalline Solids</i> , <b>2000</b> , 278, 213-217	3.9	12

33	Light-emission properties in nanocrystalline BaTiO <sub>3</sub> . <i>Applied Physics Letters</i> , <b>2000</b> , 77, 2807-2809	3.4	43
32	Stimulated soliton pulse formation and its mechanism in a passively mode-locked fibre soliton laser. <i>Optics Communications</i> , <b>1999</b> , 165, 189-194	2	69
31	Observation of modulation instability in a fiber soliton ring laser. <i>Optics Communications</i> , <b>1999</b> , 167, 125-128		8
30	Experimental control of single-mode laser chaos by using continuous, time-delayed feedback. <i>Physical Review E</i> , <b>1998</b> , 57, 6596-6598	2.4	10
29	Determination of cut-off wavelength and composition distribution in Hg <sub>1-x</sub> Cd <sub>x</sub> Te. <i>Journal of Electronic Materials</i> , <b>1998</b> , 27, 718-721	1.9	4
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27	Experimental evidence of frequency entrainment between coupled chaotic oscillations. <i>Physical Review E</i> , <b>1998</b> , 57, 3649-3651	2.4	16
26	Experimentally tracking unstable steady states by large periodic modulation. <i>Physical Review E</i> , <b>1998</b> , 57, 397-401	2.4	8
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15	Synchronization of chaotic laser mode dynamics. <i>Physical Review A</i> , <b>1996</b> , 54, 5317-5322	2.6	18
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11	Subtleties of the period-doubling chaos of an optically pumped NH <sub>3</sub> single-mode ring laser. <i>Physical Review A</i> , <b>1995</b> , 52, 717-725	2.6	11
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