

Yanmin Duan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Compact 589-nm yellow source generated by frequency-doubling of passively Q-switched Nd:YVO ₄ Raman laser. <i>Microwave and Optical Technology Letters</i> , 2023, 65, 1122-1126.	1.4	4
2	Selective frequency mixing in a cascaded self-Raman laser with a critical phase-matched LBO crystal. <i>Journal of Luminescence</i> , 2022, 244, 118698.	3.1	11
3	Recent Progress in Nonlinear Frequency Conversion of Optical Vortex Lasers. <i>Frontiers in Physics</i> , 2022, 10, .	2.1	5
4	Generation of 589 nm Emission via Frequency Doubling of a Composite c-Cut Nd:YVO ₄ Self-Raman Laser. <i>IEEE Photonics Technology Letters</i> , 2022, 34, 831-834.	2.5	6
5	Heterostructures of titanium-based MXenes in energy conversion and storage devices. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8395-8465.	5.5	30
6	An Insightful Picture of Nonlinear Photonics in 2D Materials and their Applications: Recent Advances and Future Prospects. <i>Advanced Optical Materials</i> , 2021, 9, 2001671.	7.3	23
7	Passively Q-switched YVO ₄ Raman operation with 816 and 890-cm ⁻¹ shifts by respective Raman configurations. <i>Optical Materials Express</i> , 2021, 11, 1815.	3.0	11
8	Passively Q-Switched KTA Cascaded Raman Laser with 234 and 671 cm ⁻¹ Shifts. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6895.	2.5	2
9	Polarization-dependent YVO ₄ crystal Raman laser operation with 816 and 890-cm ⁻¹ shifts. <i>Optics and Laser Technology</i> , 2021, 144, 107429.	4.6	4
10	Efficient Actively Q-Switched Nd:YAP/YVO ₄ Raman Laser Operation at 1195 nm. <i>Journal of Russian Laser Research</i> , 2020, 41, 373-377.	0.6	3
11	Passively Q-switched multiple visible wavelengths switchable YVO ₄ Raman laser. <i>Journal of Luminescence</i> , 2020, 228, 117650.	3.1	10
12	Second-harmonic generation of Nd:YAlO ₃ /YVO ₄ Raman laser optimization for orange emission. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 042004.	1.5	2
13	Simultaneous generation and real-time observation of loosely bound solitons and noise-like pulses in a dispersion-managed fiber laser with net-normal dispersion. <i>Optics Express</i> , 2020, 28, 39463.	3.4	17
14	YVO ₄ cascaded Raman laser for five-visible-wavelength switchable emission. <i>Optics Letters</i> , 2020, 45, 2564.	3.3	27
15	Yellow and Orange Light Selectable Output Generated by Nd:YAP/YVO ₄ /LBO Raman Laser. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1112-1115.	2.5	17
16	Orange, yellow and green emissions generated in Q-switched Nd:YAlO ₃ /YVO ₄ Raman laser. <i>Journal of Luminescence</i> , 2019, 214, 116555.	3.1	14
17	Disordered Nd:CaYAlO ₄ crystal lasing at 1069, 1080 and 1363 nm. <i>Journal of Luminescence</i> , 2018, 195, 225-227.	3.1	8
18	Potassium titanyl arsenate based cascaded optical parametric oscillator emit at 2.5 μm derived by neodymium-doped yttrium lithium fluoride laser. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 040304.	1.5	0

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19	Highly efficient CW operation of a diode pumped Nd:Y ₂ O ₃ ceramic laser. Optical Materials Express, 2018, 8, 3518.	3.0	11
20	Efficient intra-cavity continuous-wave periodically poled lithium niobate-doped MgO optical parametric oscillator with compact V-type cavity. Japanese Journal of Applied Physics, 2018, 57, 100311.	1.5	2
21	Compact passively Q-switched RbTiOPO ₄ cascaded Raman operation. Optics Letters, 2018, 43, 4550.	3.3	17
22	Continuous-Wave Widely Tunable MgO:PPLN Optical Parametric Oscillator With Compact Linear Cavity. IEEE Photonics Technology Letters, 2018, 30, 1756-1759.	2.5	11
23	Collisional dynamics in laser-induced plasmas: evidence for electron-impact excitation. Optics Express, 2018, 26, 10392.	3.4	1
24	Efficient 1760 nm light source based on KTA-OPO derived by Nd:YVO ₄ self-Raman laser. Optics Letters, 2018, 43, 345.	3.3	35
25	Yellow, lime and green emission selectable by BBO angle tuning in Q-switched Nd:YVO ₄ self-Raman laser. Laser Physics Letters, 2018, 15, 075803.	1.4	16
26	Diode-pumped Nd:LuAG ceramic laser on 4 F _{3/2} - 4 I _{13/2} transition. Optical Materials, 2017, 71, 121-124.	3.6	3
27	Efficient Nd:YAG-KTiOAsO ₄ cascaded Raman laser emitting around 1.2 μm. Optical Materials, 2017, 71, 66-69.	3.6	7
28	Cascaded c-cut Nd:YVO ₄ self-Raman laser operation with a single 259 cm ⁻¹ shift. Journal of Optics (United Kingdom), 2017, 19, 035501.	2.2	10
29	Cascaded Self-Raman Laser Emitting Around 1.2 μm Based on a c-cut Nd:YVO ₄ Crystal. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	10
30	Cascaded a-cut Nd:YVO ₄ self-Raman with second-Stokes laser at 1313 nm. Journal of Optics (United Kingdom), 2017, 19, 115501.	2.2	8
31	1.96 μm Tm:YAG Ceramic Laser. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	4
32	Mid-Infrared Tunable Intracavity Singly Resonant Optical Parametric Oscillator Based on MgO:PPLN. International Journal of Optics, 2017, 2017, 1-5.	1.4	5
33	Comparison of 115 μm Nd:YACKTA Raman lasers with 234 and 671 cm ⁻¹ shifts. Optics Express, 2016, 24, 5565.	3.4	13
34	Efficient laser operation based on transparent Nd:Lu ₂ O ₃ ceramic fabricated by Spark Plasma Sintering. Optics Express, 2016, 24, 20571.	3.4	21
35	Compact self-cascaded KTA-OPO for 26 μm laser generation. Optics Express, 2016, 24, 26529.	3.4	20
36	Selection of i- and f-polarization laser emission in Nd:Lu _{0.5} Y _{0.5} VO ₄ mixed crystal. Materials Letters, 2016, 183, 23-25.	2.6	3

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37	RbTiOPO4 cascaded Raman operation with multiple Raman frequency shifts derived by Q-switched Nd:YAlO3 laser. Scientific Reports, 2016, 6, 33852.	3.3	16
38	Dual-RbTiOPO ₄ Optical Parametric Oscillator Producing Orthogonally Polarized 1.6- μ m Laser. IEEE Photonics Technology Letters, 2015, 27, 359-362.	2.5	3
39	Third-Stokes light operation in KTA crystal derived by Nd:Lu _{0.5} Y _{0.5} VO ₄ crystal laser. Journal of Optics (United Kingdom), 2014, 17, 141401.	1.4	1
40	Diode-Pumped <i>c</i> -Cut Nd:Lu _{0.99} La _{0.01} VO ₄ Self-Stimulated Raman Laser at 1181 nm. Chinese Physics Letters, 2015, 32, 034206.	3.3	3
41	Q-Switched Yb:YAG/YVO ₄ Raman Laser. IEEE Photonics Technology Letters, 2015, 27, 1080-1083.	2.5	7
42	Continuous-wave laser operation of Nd:LuAG ceramic with ⁴ F _{3/2} → ⁴ I _{11/2} transition. Optical Materials Express, 2015, 5, 611.	3.0	15
43	Compact Nd:YAlO ₃ /RbTiOPO ₄ Based Intra-Cavity Optical Parametric Oscillator Emit at 1.65 and 3.13 μ m. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 173-177.	2.9	9
44	Multiple weak-line laser operation from Nd:YAG 4F _{3/2} -4I _{13/2} transition in ceramic and crystal. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 204204.	0.5	2
45	Efficient RTP-based OPO intracavity pumped by an acousto-optic Q-switched Nd:YVO ₄ laser. Optics Letters, 2014, 39, 1314.	3.3	27
46	Multi-order Stokes output based on intra-cavity KTiOAsO ₄ Raman crystal. Optics Express, 2014, 22, 19662.	3.4	16
47	Highly efficient continuous-wave Nd:YAG ceramic lasers at 946 nm. Laser Physics Letters, 2013, 10, 075802.	1.4	13
48	A compact, CW mid-infrared intra-cavity Nd:Lu _{0.5} Y _{0.5} VO ₄ -KTA-OPO at 3.5 μ m. Laser Physics Letters, 2013, 10, 055803.	1.4	5
49	Diode-end-Pumped Nd:YAG Ceramic and Crystal Operation at 1,123 nm. Journal of Russian Laser Research, 2013, 34, 458-462.	0.6	4
50	Continuous-Wave and Q-Switched Neodymium-Doped Yttrium Aluminum Garnet Ceramic Laser at 1356 nm Single Wavelength. Applied Physics Express, 2013, 6, 022705.	2.4	6
51	Generation of 2- μ m Light Based on a Noncritical Phase Matching OPO Technique. IEEE Photonics Technology Letters, 2013, 25, 690-693.	2.5	15
52	Laser operation of diode-pumped Er,Yb co-doped YAG ceramics at 16 μ m. Optics Express, 2013, 21, 26955.	3.4	19
53	A continuous-wave, widely tunable, intra-cavity, singly resonant, magnesium-doped, periodically poled lithium niobate optical parametric oscillator. Laser Physics, 2013, 23, 055006.	1.2	3
54	Comparison of the 1319 and 1338 nm Dual-Wavelength Emission of Neodymium-Doped Yttrium Aluminum Garnet Ceramic and Crystal Lasers. Applied Physics Express, 2013, 6, 012701.	2.4	21

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55	Characteristic Optimization of 1.3 μ m High-Speed MQW InGaAsP-AlGaInAs Lasers. Chinese Physics Letters, 2012, 29, 064204.	3.3	1
56	High-power eye-safe KTA-OPO driven by YVO4/Nd:YVO4 composite laser. Optics Communications, 2012, 285, 3507-3509.	2.1	11
57	Potential sodium D ₂ resonance radiation generated by intra-cavity SHG of a c-cut Nd:YVO ₄ self-Raman laser. Optics Express, 2011, 19, 6333.	3.4	54
58	LD end-pumped c-Cut Nd:YVO4/KTP self-Raman laser at 560 nm. Laser Physics, 2011, 21, 1859-1862.	1.2	10
59	Efficient continuous-wave YVO4/Nd:YVO4 Raman laser at 1176 nm. Applied Physics B: Lasers and Optics, 2011, 103, 559-562.	2.2	25
60	Actively Q-switch operation of diode-pumped Er,Yb:YAl ₃ (BO ₃) ₄ laser at 1.5-1.6 μ m. Laser Physics Letters, 2011, 8, 111-115.	1.4	20
61	6.2W laser-diode end-pumped continuous-wave Nd:YAlO ₃ laser at 1.34 μ m. Optics Communications, 2011, 284, 2985-2987.	2.1	12
62	Laser Induced Blue Luminescence Phenomenon. Japanese Journal of Applied Physics, 2011, 50, 090203.	1.5	1
63	Compact Continuous-Wave Nd:YVO ₄ Laser with Self-Raman Conversion and Sum Frequency Generation. Chinese Physics Letters, 2011, 28, 054202.	3.3	6
64	Laser Induced Blue Luminescence Phenomenon. Japanese Journal of Applied Physics, 2011, 50, 090203.	1.5	5
65	Efficient 532 nm laser using high gray-tracking resistance KTP crystal. Laser Physics, 2010, 20, 756-760.	1.2	29
66	High-power LD end-pumped intra-cavity Nd:YAlO ₃ /KTiOAsO ₄ optical parametric oscillator emitting at 1562 nm. Laser Physics Letters, 2010, 7, 703-706.	1.4	40
67	Continuous-wave 560nm light generated by intracavity SrWO ₄ Raman and KTP sum-frequency mixing. Optics Communications, 2010, 283, 5135-5138.	2.1	15
68	Yellow-light generation of 57 W by intracavity doubling self-Raman laser of YVO ₄ /Nd:YVO ₄ composite. Optics Letters, 2009, 34, 2763.	3.3	76
69	High-efficiency intracavity Nd:YVO ₄ /KTA optical parametric oscillator with 36 W output power at 153 μ m. Optics Express, 2009, 17, 20669.	3.4	32
70	Efficient second harmonic generation of double-end diffusion-bonded Nd:YVO ₄ self-Raman laser producing 79 W yellow light. Optics Express, 2009, 17, 21544.	3.4	82
71	Efficient 559.6 nm light produced by sum-frequency generation of diode-end-pumped Nd:YAG/SrWO ₄ Raman laser. Laser Physics Letters, 0, 7, 491-494.	1.4	61