Yanmin Duan

List of Publications by Year
in descending order

71 papers	1,060 citations	471509 17 h-index	501196 28 g-index
71 all docs	71 docs citations	71 times ranked	386 citing authors

#	Article	IF	Citations
1	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
2	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
3	Efficient 559.6 nm light produced by sum-frequency generation of diode-end-pumped Nd:YAG/SrWO4 Raman laser. Laser Physics Letters, 0, 7, 491-494.	1.4	61
4	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
5	High-power LD end-pumped intra-cavity Nd:YAlO3/KTiOAsO4 optical parametric oscillator emitting at 1562 nm. Laser Physics Letters, 2010, 7, 703-706.	1.4	40
6	Efficient 17â€‰â€‰Î¼m light source based on KTA-OPO derived by Nd:YVO_4 self-Raman laser. Optics Letters, 2018, 43, 345.	3.3	35
7	High-efficiency intracavity Nd:YVO_4KTA optical parametric oscillator with 36 W output power at 153 Î¼m. Optics Express, 2009, 17, 20669.	3.4	32
8	Heterostructures of titanium-based MXenes in energy conversion and storage devices. Journal of Materials Chemistry C, 2021, 9, 8395-8465.	5.5	30
9	Efficient 532 nm laser using high gray-tracking resistance KTP crystal. Laser Physics, 2010, 20, 756-760.	1.2	29
10	Efficient RTP-based OPO intracavity pumped by an acousto-optic Q-switched Nd:YVO_4 laser. Optics Letters, 2014, 39, 1314.	3.3	27
11	YVO₄ cascaded Raman laser for five-visible-wavelength switchable emission. Optics Letters, 2020, 45, 2564.	3.3	27
12	Efficient continuous-wave YVO4/Nd:YVO4 Raman laser atÂ1176Ânm. Applied Physics B: Lasers and Optics, 2011, 103, 559-562.	2.2	25
13	An Insightful Picture of Nonlinear Photonics in 2DÂMaterials and their Applications: Recent Advances and Future Prospects. Advanced Optical Materials, 2021, 9, 2001671.	7.3	23
14	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
15	Efficient laser operation based on transparent Nd:Lu_2O_3 ceramic fabricated by Spark Plasma Sintering. Optics Express, 2016, 24, 20571.	3.4	21
16	Actively Q-switch operation of diode-pumped Er,Yb:YAl3(BO3)4 laser at 1.5-1.6 Î¼m. Laser Physics Letters, 2011, 8, 111-115.	1.4	20
17	Compact self-cascaded KTA-OPO for 26 Î¼m laser generation. Optics Express, 2016, 24, 26529.	3.4	20
18	Laser operation of diode-pumped Er,Yb co-doped YAG ceramics at 16 Î¼m. Optics Express, 2013, 21, 26955.	3.4	19

#	Article	IF	Citations
19	Compact passively Q-switched RbTiOPO₄cascaded Raman operation. Optics Letters, 2018, 43, 4550.	3.3	17
20	Yellow and Orange Light Selectable Output Generated by Nd:YAP/YVO₄/LBO Raman Laser. IEEE Photonics Technology Letters, 2019, 31, 1112-1115.	2.5	17
21	Simultaneous generation and real-time observation of loosely bound solitons and noise-like pulses in a dispersion-managed fiber laser with net-normal dispersion. Optics Express, 2020, 28, 39463.	3.4	17
22	Multi-order Stokes output based on intra-cavity KTiOAsO_4 Raman crystal. Optics Express, 2014, 22, 19662.	3.4	16
23	RbTiOPO4 cascaded Raman operation with multiple Raman frequency shifts derived by Q-switched Nd:YAlO3 laser. Scientific Reports, 2016, 6, 33852.	3.3	16
24	Yellow, lime and green emission selectable by BBO angle tuning in Q-switched Nd:YVO₄ self-Raman laser. Laser Physics Letters, 2018, 15, 075803.	1.4	16
25	Continuous-wave 560nm light generated by intracavity SrWO4 Raman and KTP sum-frequency mixing. Optics Communications, 2010, 283, 5135-5138.	2.1	15
26	Generation of 2-$mu{m m}$ Light Based on a Noncritical Phase Matching OPO Technique. IEEE Photonics Technology Letters, 2013, 25, 690-693.	2.5	15
27	Continuous-wave laser operation of Nd:LuAG ceramic with ^4F_3â^•2â†'^4I_11â^•2 transition. Optical Materials Express, 2015, 5, 611.	3.0	15
28	Orange, yellow and green emissions generated in Q-switched Nd:YALO3/YVO4 Raman laser. Journal of Luminescence, 2019, 214, 116555.	3.1	14
29	Highly efficient continuous-wave Nd:YAG ceramic lasers at 946 nm. Laser Physics Letters, 2013, 10, 075802.	1.4	13
30	Comparison of 115 Âµm Nd:YAGKTA Raman lasers with 234 and 671 cm^â^'1 shifts. Optics Express, 2016, 24, 5565.	3.4	13
31	6.2W laser-diode end-pumped continuous-wave Nd:YALO3 laser at 1.34Î¼m. Optics Communications, 2011, 284, 2985-2987.	2.1	12
32	High-power eye-safe KTA-OPO driven by YVO4/Nd:YVO4 composite laser. Optics Communications, 2012, 285, 3507-3509.	2.1	11
33	Highly efficient CW operation of a diode pumped Nd:Y₂O₃ ceramic laser. Optical Materials Express, 2018, 8, 3518.	3.0	11
34	Continuous-Wave Widely Tunable MgO:PPLN Optical Parametric Oscillator With Compact Linear Cavity. IEEE Photonics Technology Letters, 2018, 30, 1756-1759.	2.5	11
35	Passively Q-switched YVO₄ Raman operation with 816 and 890â€...cm⁻¹ shifts by respective Raman configurations. Optical Materials Express, 2021, 11, 1815.	3.0	11
36	Selective frequency mixing in a cascaded self-Raman laser with a critical phase-matched LBO crystal. Journal of Luminescence, 2022, 244, 118698.	3.1	11

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37	LD end-pumped c-Cut Nd:YVO4/KTP self-Raman laser at 560 nm. Laser Physics, 2011, 21, 1859-1862.	1.2	10
38	Cascaded c-cut Nd:YVO₄self-Raman laser operation with a single 259 cm^{â^'1}shift. Journal of Optics (United Kingdom), 2017, 19, 035501.	2.2	10
39	Cascaded Self-Raman Laser Emitting Around 1.2â€“1.3Â<italic>Î¼</italic>m Based on a c-cut Nd:YVO₄Crystal. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	10
40	Passively Q-switched multiple visible wavelengths switchable YVO4 Raman laser. Journal of Luminescence, 2020, 228, 117650.	3.1	10
41	Compact Nd:YAlO$_{3}$/RbTiOPO $_{4}$ Based Intra-Cavity Optical Parametric Oscillator Emit at 1.65 and 3.13 Î¼m. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 173-177.	2.9	9
42	Cascaded a-cut Nd:YVO₄self-Raman with second-Stokes laser at 1313 nm. Journal of Optics (United Kingdom), 2017, 19, 115501.	2.2	8
43	Disordered Nd:CaYAlO 4 crystal lasing at 1069, 1080 and 1363 nm. Journal of Luminescence, 2018, 195, 225-227.	3.1	8
44	Q-Switched Yb:YAG/YVO₄ Raman Laser. IEEE Photonics Technology Letters, 2015, 27, 1080-1083.	2.5	7
45	Efficient Nd:YAGâ^–KTiOAsO 4 cascaded Raman laser emitting around 1.2ÂÎ¼m. Optical Materials, 2017, 71, 66-69.	3.6	7
46	Compact Continuous-Wave Nd:YVO 4 Laser with Self-Raman Conversion and Sum Frequency Generation. Chinese Physics Letters, 2011, 28, 054202.	3.3	6
47	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
48	Generation of 589 nm Emission via Frequency Doubling of a Composite c-Cut Nd:YVO₄ Self-Raman Laser. IEEE Photonics Technology Letters, 2022, 34, 831-834.	2.5	6
49	A compact, CW mid-infrared intra-cavity Nd:Lu0.5Y0.5VO4â^–KTA-OPO at 3.5 Î¼m. Laser Physics Letters, 2013, 10, 055803.	1.4	5
50	Third-Stokes light operation in KTA crystal derived by Nd:Lu_{0.5}Y_{0.5}VO₄crystal laser. Journal of Optics (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	2.2	5
51	Mid-Infrared Tunable Intracavity Singly Resonant Optical Parametric Oscillator Based on MgO:PPLN. International Journal of Optics, 2017, 2017, 1-5.	1.4	5
52	Laser Induced Blue Luminescence Phenomenon. Japanese Journal of Applied Physics, 2011, 50, 090203.	1.5	5
53	Recent Progress in Nonlinear Frequency Conversion of Optical Vortex Lasers. Frontiers in Physics, 2022, 10, .	2.1	5
54	Diode-end-Pumped Nd:YAG Ceramic and Crystal Operation at 1,123Ânm. Journal of Russian Laser Research, 2013, 34, 458-462.	0.6	4

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55	1.96-Î¼m Tm:YAG Ceramic Laser. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	4
56	Polarization-dependent YVO4 crystal Raman laser operation with 816 and 890Âcmâ¯1 shifts. Optics and Laser Technology, 2021, 144, 107429.	4.6	4
57	Compact 589â€‰nm yellow source generated by frequencyâ€doubling of passively Qâ€switched Nd:<scp>YVO₄</scp> Raman laser. Microwave and Optical Technology Letters, 2023, 65, 1122-1126.	1.4	4
58	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
59	Dual-RbTiOPO₄ Optical Parametric Oscillator Producing Orthogonally Polarized 1.6-<inline-formula> <tex-math notation="LaTeX">$mu $ </tex-math></inline-formula>m Laser. IEEE Photonics Technology Letters, 2015, 27, 359-362.	2.5	3
60	Diode-Pumped c -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
61	Selection of Ï€- and Ïƒ-polarization laser emission in Nd:Lu0.5Y0.5VO4 mixed crystal. Materials Letters, 2016, 183, 23-25.	2.6	3
62	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
63	Efficient Actively Q-Switched Nd:YAP/YVO4 Raman Laser Operation at 1195 nm. Journal of Russian Laser Research, 2020, 41, 373-377.	0.6	3
64	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
65	Second-harmonic generation of Nd:YAlO3/YVO4 Raman laser optimization for orange emission. Japanese Journal of Applied Physics, 2020, 59, 042004.	1.5	2
66	Passively Q-Switched KTA Cascaded Raman Laser with 234 and 671 cmâ¯1 Shifts. Applied Sciences (Switzerland), 2021, 11, 6895.	2.5	2
67	Multiple weak-line laser operation from Nd:YAG 4F3/2-4I13/2 translation in ceramic and crystal. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 204204.	0.5	2
68	Laser Induced Blue Luminescence Phenomenon. Japanese Journal of Applied Physics, 2011, 50, 090203.	1.5	1
69	Characteristic Optimization of 1.3 Î¼m High-Speed MQW InGaAsP-AlGaInAs Lasers. Chinese Physics Letters, 2012, 29, 064204.	3.3	1
70	Collisional dynamics in laser-induced plasmas: evidence for electron-impact excitation. Optics Express, 2018, 26, 10392.	3.4	1
71	Potassium titanyl arsenate based cascaded optical parametric oscillator emit at 2.5 Âµm derived by neodymium-doped yttrium lithium fluoride laser. Japanese Journal of Applied Physics, 2018, 57, 040304.	1.5	0