Anatol S Yasukevich

List of Publications by Year
in descending order

35	776	471509 17	501196 28
papers	citations	h-index	g-index

35	35	35	490
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectroscopy and laser properties of Tm3+:KY(WO4)2 crystal. Applied Physics B: Lasers and Optics, 2007, 86, 287-292.	2.2	66
2	Highly efficient continuous-wave diode-pumped Er, Yb:GdAl_3(BO_3)_4 laser. Optics Letters, 2013, 38, 2446.	3.3	53
3	Eye-safe 155â€‰â€‰Î¼m passively Q-switched Er,Yb:GdAl_3(BO_3)_4 diode-pumped laser. Optics Letters, 2016, 41, 918.	3.3	46
4	Passively Q-switched microchip Er, Yb:YAl_3(BO_3)_4diode-pumped laser. Optics Letters, 2012, 37, 2745.	3.3	41
5	Growth, spectroscopic and thermal properties of Nd-doped disordered Ca9(La/Y)(VO4)7 and Ca10(Li/K)(VO4)7crystals. Journal of Luminescence, 2013, 137, 252-258.	3.1	41
6	Passively Q-switched Pr:YLF laser with a Co^2+:MgAl_2O_4 saturable absorber. Optics Letters, 2017, 42, 4687.	3.3	38
7	Optical spectroscopy and efficient continuous-wave operation near 2 Î¼m for a Tm,â€‰Ho:KYW laser crystal. Applied Physics B: Lasers and Optics, 2009, 97, 321-326.	2.2	37
8	Modelling of graphene Q-switched Tm lasers. Optics Communications, 2017, 389, 15-22.	2.1	36
9	Spectroscopy and femtosecond laser performance of Yb^3+:YAlO_3 crystal. Optics Letters, 2008, 33, 2194.	3.3	35
10	Spectroscopic and photoluminescence characterization of Eu3+-doped monoclinic KY(WO4)2 crystal. Journal of Luminescence, 2014, 153, 221-226.	3.1	34
11	Subnanosecond Tm:KLuW microchip laser Q-switched by a Cr:ZnS saturable absorber. Optics Letters, 2015, 40, 5220.	3.3	31
12	Sub-nanosecond Yb:KLu(WO_4)_2 microchip laser. Optics Letters, 2016, 41, 2620.	3.3	29
13	CW and Q-switched diode-pumped laser operation of Yb3+:NaLa(MoO4)2. Applied Physics B: Lasers and Optics, 2005, 81, 1119-1121.	2.2	26
14	Juddâ€“Ofelt analysis and stimulated-emission cross-sections for highly doped (38at%) Er:YSGG laser crystal. Journal of Luminescence, 2016, 171, 226-233.	3.1	24
15	Spectroscopic characterization and pulsed laser operation of Eu3+:KGd(WO4)2crystal. Laser Physics, 2013, 23, 105811.	1.2	22
16	Crystal growth of CW diode-pumped (Er3+,Yb3+):GdAl3(BO3)4 laser material. Journal of Crystal Growth, 2014, 401, 807-812.	1.5	19
17	Laser performance of in-band pumped Er : LiYF₄and Er : LiLuF₄crystals. Quantum Electronics, 2016, 46, 95-99.	1.0	19
18	Juddâ€“Ofelt analysis of spectroscopic properties of Eu3+:KLu(WO4)2 crystal. Journal of Luminescence, 2015, 168, 102-108.	3.1	17

#	Article	IF	Citations
19	Diode-pumped passively Q-switched self-frequency-doubled Nd:CNGS laser. Optics Express, 2017, 25, 19760.	3.4	17
20	Spectroscopy of tetragonal Eu:NaGd(WO4)2 crystal. Optical Materials, 2016, 57, 1-7.	3.6	16
21	Spectroscopy and continuous wave laser performance of Yb^3+:LuAlO_3 crystal. Optics Letters, 2016, 41, 5805.	3.3	16
22	Yb^3+:CaYAlO_4-based chirped pulse regenerative amplifier. Optics Letters, 2016, 41, 2249.	3.3	15
23	Yb^3+:LuAlO_3 crystal as a gain medium for efficient broadband chirped pulse regenerative amplification. Optics Letters, 2017, 42, 2415.	3.3	14
24	Ca10Li(VO4)7:Nd3+, a promising laser material: growth, structure and spectral characteristics of a Czochralski-grown single crystal. Journal of Crystal Growth, 2016, 445, 101-107.	1.5	12
25	Flux growth and laser-related spectroscopic properties of (Er,Yb):LuAl₃(BO₃)₄crystals. CrystEngComm, 2016, 18, 2725-2734.	2.6	12
26	Continuous wave diode pumped Yb:LLF and Yb:NYF lasers. Optics Communications, 2009, 282, 4404-4407.	2.1	10
27	In-band pumped room-temperature Er:KY(WO4)2 laser emitting around 1.6 Î¼m. Laser Physics, 2013, 23, 125005.	1.2	10
28	Spectroscopic properties and continuous-wave deep-red laser operation of Eu³⁺-doped LiYF₄. Optics Letters, 2018, 43, 2364.	3.3	8
29	Energy transfer in Tm,Ho:KYW crystal and diode-pumped microchip laser operation. Optics Express, 2016, 24, 6451.	3.4	7
30	Growth and spectroscopic properties of Ca 9 Nd(VO 4) 7 single crystal. Optical Materials, 2016, 60, 387-393.	3.6	7
31	Spectroscopic and laser characterization of Yb,Tm:KLu(WO4)2 crystal. Optical Materials, 2016, 51, 223-231.	3.6	6
32	Determining the Stark structure of Yb 3+ energy levels in Y 3 Al 5 O 12 and CaF 2 using principal component analysis of temperature dependences of fluorescence spectra. Journal of Luminescence, 2017, 187, 295-297.	3.1	5
33	Orthorombic Yb:Li2Zn2(MoO4)3â€"a novel potential crystal for broadly tunable lasers. Laser Physics Letters, 2017, 14, 085804.	1.4	4
34	CW YVO4:Er Laser with Resonant Pumping. Journal of Applied Spectroscopy, 2015, 82, 208-212.	0.7	3
35	Picosecond and Femtosecond Mode-Locked Lasers Based on Yb:LuAP Crystal. , 2021, , .		0