

# Anatol S Yasukevich

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6676764/publications.pdf>

Version: 2024-02-01

35  
papers

776  
citations

471509

17  
h-index

501196

28  
g-index

35  
all docs

35  
docs citations

35  
times ranked

490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Picosecond and Femtosecond Mode-Locked Lasers Based on Yb:LuAP Crystal. , 2021, , .		0
2	Spectroscopic properties and continuous-wave deep-red laser operation of Eu <sup>3+</sup> -doped LiYF <sub>4</sub> . Optics Letters, 2018, 43, 2364.	3.3	8
3	Determining the Stark structure of Yb <sup>3+</sup> energy levels in Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> and CaF <sub>2</sub> using principal component analysis of temperature dependences of fluorescence spectra. Journal of Luminescence, 2017, 187, 295-297.	3.1	5
4	Modelling of graphene Q-switched Tm lasers. Optics Communications, 2017, 389, 15-22.	2.1	36
5	Orthorhombic Yb:Li <sub>2</sub> Zn <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> a novel potential crystal for broadly tunable lasers. Laser Physics Letters, 2017, 14, 085804.	1.4	4
6	Diode-pumped passively Q-switched self-frequency-doubled Nd:CNGS laser. Optics Express, 2017, 25, 19760.	3.4	17
7	Yb <sup>3+</sup> :LuAlO <sub>3</sub> crystal as a gain medium for efficient broadband chirped pulse regenerative amplification. Optics Letters, 2017, 42, 2415.	3.3	14
8	Passively Q-switched Pr:YLF laser with a Co <sup>2+</sup> :MgAl <sub>2</sub> O <sub>4</sub> saturable absorber. Optics Letters, 2017, 42, 4687.	3.3	38
9	Energy transfer in Tm,Ho:KYW crystal and diode-pumped microchip laser operation. Optics Express, 2016, 24, 6451.	3.4	7
10	Sub-nanosecond Yb:KLu(WO <sub>4</sub> ) <sub>2</sub> microchip laser. Optics Letters, 2016, 41, 2620.	3.3	29
11	Spectroscopy of tetragonal Eu:NaGd(WO <sub>4</sub> ) <sub>2</sub> crystal. Optical Materials, 2016, 57, 1-7.	3.6	16
12	Ca <sub>10</sub> Li(VO <sub>4</sub> ) <sub>7</sub> :Nd <sup>3+</sup> , 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
13	Laser performance of in-band pumped Er : LiYF <sub>4</sub> and Er : LiLuF <sub>4</sub> crystals. Quantum Electronics, 2016, 46, 95-99.	1.0	19
14	Yb <sup>3+</sup> :CaYAlO <sub>4</sub> -based chirped pulse regenerative amplifier. Optics Letters, 2016, 41, 2249.	3.3	15
15	Growth and spectroscopic properties of Ca <sub>9</sub> Nd(VO <sub>4</sub> ) <sub>7</sub> single crystal. Optical Materials, 2016, 60, 387-393.	3.6	7
16	Judd-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
17	Flux growth and laser-related spectroscopic properties of (Er,Yb):LuAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> crystals. CrystEngComm, 2016, 18, 2725-2734.	2.6	12
18	Eye-safe 1550nm passively Q-switched Er,Yb:GdAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> diode-pumped laser. Optics Letters, 2016, 41, 918.	3.3	46

#	ARTICLE	IF	CITATIONS
19	Spectroscopic and laser characterization of Yb,Tm:KLu(WO <sub>4</sub> ) <sub>2</sub> crystal. Optical Materials, 2016, 51, 223-231.	3.6	6
20	Spectroscopy and continuous wave laser performance of Yb <sup>3+</sup> :LuAlO <sub>3</sub> crystal. Optics Letters, 2016, 41, 5805.	3.3	16
21	Subnanosecond Tm:KLuW microchip laser Q-switched by a Cr:ZnS saturable absorber. Optics Letters, 2015, 40, 5220.	3.3	31
22	CW YVO <sub>4</sub> :Er Laser with Resonant Pumping. Journal of Applied Spectroscopy, 2015, 82, 208-212.	0.7	3
23	Judd-Ofelt analysis of spectroscopic properties of Eu <sup>3+</sup> :KLu(WO <sub>4</sub> ) <sub>2</sub> crystal. Journal of Luminescence, 2015, 168, 102-108.	3.1	17
24	Spectroscopic and photoluminescence characterization of Eu <sup>3+</sup> -doped monoclinic KY(WO <sub>4</sub> ) <sub>2</sub> crystal. Journal of Luminescence, 2014, 153, 221-226.	3.1	34
25	Crystal growth of CW diode-pumped (Er <sup>3+</sup> ,Yb <sup>3+</sup> ):GdAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> laser material. Journal of Crystal Growth, 2014, 401, 807-812.	1.5	19
26	In-band pumped room-temperature Er:KY(WO <sub>4</sub> ) <sub>2</sub> laser emitting around 1.6 $\mu$ m. Laser Physics, 2013, 23, 125005.	1.2	10
27	Spectroscopic characterization and pulsed laser operation of Eu <sup>3+</sup> :KGd(WO <sub>4</sub> ) <sub>2</sub> crystal. Laser Physics, 2013, 23, 105811.	1.2	22
28	Growth, spectroscopic and thermal properties of Nd-doped disordered Ca <sub>9</sub> (La/Y)(VO <sub>4</sub> ) <sub>7</sub> and Ca <sub>10</sub> (Li/K)(VO <sub>4</sub> ) <sub>7</sub> crystals. Journal of Luminescence, 2013, 137, 252-258.	3.1	41
29	Highly efficient continuous-wave diode-pumped Er, Yb:GdAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> laser. Optics Letters, 2013, 38, 2446.	3.3	53
30	Passively Q-switched microchip Er, Yb:YAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> diode-pumped laser. Optics Letters, 2012, 37, 2745.	3.3	41
31	Optical spectroscopy and efficient continuous-wave operation near 2 $\mu$ m for a Tm, Ho:KYW laser crystal. Applied Physics B: Lasers and Optics, 2009, 97, 321-326.	2.2	37
32	Continuous wave diode pumped Yb:LLF and Yb:NYF lasers. Optics Communications, 2009, 282, 4404-4407.	2.1	10
33	Spectroscopy and femtosecond laser performance of Yb <sup>3+</sup> :YAlO <sub>3</sub> crystal. Optics Letters, 2008, 33, 2194.	3.3	35
34	Spectroscopy and laser properties of Tm <sup>3+</sup> :KY(WO <sub>4</sub> ) <sub>2</sub> crystal. Applied Physics B: Lasers and Optics, 2007, 86, 287-292.	2.2	66
35	CW and Q-switched diode-pumped laser operation of Yb <sup>3+</sup> :NaLa(MoO <sub>4</sub> ) <sub>2</sub> . Applied Physics B: Lasers and Optics, 2005, 81, 1119-1121.	2.2	26