

# Koromyslov Al

## List of Publications by Year in descending order

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20  
papers

78  
citations

1478505

6  
h-index

1474206

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g-index

20  
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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Compact 1.64 THz source based on a dual-wavelength diode end-pumped Nd:YLF laser with a nearly semifocal cavity. <i>Laser Physics Letters</i> , 2014, 11, 015004.	1.4	15
2	High quality Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> doped transparent ceramics for laser applications, role of sintering additives. <i>Optical Materials</i> , 2017, 71, 103-108.	3.6	12
3	Behavior of threshold pump power of diode end-pumped solid-state lasers in critical cavity configurations. <i>Laser Physics Letters</i> , 2015, 12, 025001.	1.4	9
4	Lasing characteristic of new Russian laser ceramics. <i>Quantum Electronics</i> , 2018, 48, 802-806.	1.0	7
5	Influence of CaO/MgO ratio on Cr <sup>3+</sup> to Cr <sup>4+</sup> conversion efficiency in YAG:Cr <sup>4+</sup> ceramic saturable absorbers. <i>Optical Materials</i> , 2020, 100, 109671.	3.6	7
6	Comparative study of Lu <sub>x</sub> Y <sub>1-x</sub> AG (x=0..1) laser ceramics doped with 5% Yb <sup>3+</sup> . <i>Ceramics International</i> , 2022, 48, 6294-6301.	4.8	6
7	Coherent THz Repetitive Pulse Generation in a GaSe Crystal by Dual-wavelength Nd:YLF Laser. <i>Physics Procedia</i> , 2015, 72, 405-410.	1.2	4
8	Dual-wavelength generation at the transverse mode locking in a diode-end-pumped passively Q-switched Nd:YLF/Cr <sup>4+</sup> :YAG laser. <i>Bulletin of the Lebedev Physics Institute</i> , 2017, 44, 1-4.	0.6	4
9	Composite Ceramic Nd <sup>3+</sup> :YAG/Cr <sup>4+</sup> :YAG Laser Elements. <i>Journal of Russian Laser Research</i> , 2019, 40, 237-242.	0.6	4
10	High quality Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> doped transparent ceramics for laser applications, role of sintering additives. <i>Journal of Physics: Conference Series</i> , 2016, 740, 012009.	0.4	3
11	Dual-wavelength Q-switched laser based on a lens-shaped Nd : YAG active element and a Cr <sup>4+</sup> : YAG passive Q-switch. <i>Quantum Electronics</i> , 2019, 49, 95-97.	1.0	2
12	EXPERIMENTAL INVESTIGATION OF THE EFFECT OF UVA RADIATION ON THE CORONAVIRUS INFECTIVE PROPERTIES. <i>Bulletin of the Lebedev Physics Institute</i> , 2021, 48, 195-199.	0.6	2
13	Transverse mode locking of Stokes radiation in diode end-pumped Nd:YVO <sub>4</sub> laser passively Q-switched by Cr <sup>4+</sup> :YAG. <i>Bulletin of the Lebedev Physics Institute</i> , 2016, 43, 203-206.	0.6	1
14	Laser-quality oxide Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> ceramics. Comparative studies of its basic characteristics and laser ceramics of a known manufacturer. <i>Bulletin of the Lebedev Physics Institute</i> , 2016, 43, 371-374.	0.6	1
15	Study of active media on nano- and microparticles of solid-state laser materials. , 2018, , .		1
16	Experimental study of cavity length influence on lasing characteristics Q-Switched Nd:YLF laser. <i>Journal of Physics: Conference Series</i> , 2020, 1439, 012022.	0.4	0
17	Transverse mode locking of the Stokes component of a diode end-pumped Q-switched Nd : KGW laser. <i>Quantum Electronics</i> , 2021, 51, 582-585.	1.0	0
18	Comparative study of Yb (3+) doped LuYAG laser ceramic: optical, structure and lasing properties. <i>Journal of Physics: Conference Series</i> , 2021, 2036, 012034.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Lutetium-yttrium aluminum garnet doped with ytterbium “ perspective ceramic material for high powered lasers.. , 2020, , .		0
20	Inactivation of coronaviruses under irradiation by UVA-range light-emitting diodes. Quantum Electronics, 2022, 52, 83-86.	1.0	0