

# Koromyslov Al

## List of Publications by Year in descending order

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20  
papers

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citations

1478505

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Comparative study of LuY1-xAG (x=0..1) laser ceramics doped with 5% Yb3+. Ceramics International, 2022, 48, 6294-6301.	4.8	6
2	Inactivation of coronaviruses under irradiation by UVA-range light-emitting diodes. Quantum Electronics, 2022, 52, 83-86.	1.0	0
3	EXPERIMENTAL INVESTIGATION OF THE EFFECT OF UVA RADIATION ON THE CORONAVIRUS INFECTIVE PROPERTIES. Bulletin of the Lebedev Physics Institute, 2021, 48, 195-199.	0.6	2
4	Transverse mode locking of the Stokes component of a diode end-pumped Q-switched Nd : KGW laser. Quantum Electronics, 2021, 51, 582-585.	1.0	0
5	Comparative study of Yb (3+) doped LuYAG laser ceramic: optical, structure and lasing properties. Journal of Physics: Conference Series, 2021, 2036, 012034.	0.4	0
6	Experimental study of cavity length influence on lasing characteristics Q-Switched Nd:YLF laser. Journal of Physics: Conference Series, 2020, 1439, 012022.	0.4	0
7	Influence of CaO/MgO ratio on Cr3+ to Cr4+ conversion efficiency in YAG:Cr4+ ceramic saturable absorbers. Optical Materials, 2020, 100, 109671.	3.6	7
8	Lutetium-yttrium aluminum garnet doped with ytterbium " perspective ceramic material for high powered lasers.. , 2020, , .		0
9	Composite Ceramic Nd3+:YAG/Cr4+:YAG Laser Elements. Journal of Russian Laser Research, 2019, 40, 237-242.	0.6	4
10	Dual-wavelength Q-switched laser based on a lens-shaped Nd : YAG active element and a Cr4+ : YAG passive Q-switch. Quantum Electronics, 2019, 49, 95-97.	1.0	2
11	Study of active media on nano- and microparticles of solid-state laser materials. , 2018, , .		1
12	Lasing characteristic of new Russian laser ceramics. Quantum Electronics, 2018, 48, 802-806.	1.0	7
13	High quality Y3Al5O12 doped transparent ceramics for laser applications, role of sintering additives. Optical Materials, 2017, 71, 103-108.	3.6	12
14	Dual-wavelength generation at the transverse mode locking in a diode-end-pumped passively Q-switched Nd:YLF/Cr4+:YAG laser. Bulletin of the Lebedev Physics Institute, 2017, 44, 1-4.	0.6	4
15	Transverse mode locking of Stokes radiation in diode end-pumped Nd:YVO4 laser passively Q-switched by Cr4+:YAG. Bulletin of the Lebedev Physics Institute, 2016, 43, 203-206.	0.6	1
16	Laser-quality oxide Y3Al5O12 ceramics. Comparative studies of its basic characteristics and laser ceramics of a known manufacturer. Bulletin of the Lebedev Physics Institute, 2016, 43, 371-374.	0.6	1
17	High quality Y<sub>3</sub>Al<sub>5</sub>O<sub>12</sub> doped transparent ceramics for laser applications, role of sintering additives. Journal of Physics: Conference Series, 2016, 740, 012009.	0.4	3
18	Coherent THz Repetitive Pulse Generation in a GaSe Crystal by Dual-wavelength Nd:YLF Laser. Physics Procedia, 2015, 72, 405-410.	1.2	4

#	ARTICLE	IF	CITATIONS
19	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
20	Compact 1.64 THz source based on a dual-wavelength diode end-pumped Nd:YLF laser with a nearly semiconfocal cavity. <i>Laser Physics Letters</i> , 2014, 11, 015004.	1.4	15