Mikhail R Volkov

List of Publications by Year
in descending order

16	69	1937685 4	1474206 9
papers	citations	h-index	g-index

16	16	16	55
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Composite Yb:YAG/sapphire thin-disk active elements for high-energy high-average power lasers. Optics Letters, 2020, 45, 387.	3.3	19
2	A New Method of Diagnostics of the Quality of Heavily Yb-Doped Laser Media. IEEE Journal of Quantum Electronics, 2018, 54, 1-6.	1.9	17
3	Thermo-optical properties of EuF2-based crystals. Applied Physics Letters, 2019, 114, .	3.3	15
4	Laser generation on Yb:LuAG ceramics produced by nanocrystalline pressure-less sintering in H₂. Laser Physics Letters, 2018, 15, 035801.	1.4	7
5	Multipass cryogenic Yb:Y2O3 ceramic disk amplifier. Applied Physics B: Lasers and Optics, 2019, 125, 1.	2.2	3
6	Thin-rod active elements for amplification of femtosecond pulses. Quantum Electronics, 2019, 49, 350-353.	1.0	3
7	Disk laser heads based on Yb : YAG for multikilowatt average power lasers. Quantum Electronics, 2019, 49, 354-357.	1.0	3
8	Thin-disk laser with multipass unstable ring resonator. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 1370.	2.1	1
9	Composite Yb:YAG/sapphire thin-disk active elements produced by thermal diffusion bonding. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 2193.	2.1	1
10	Thermal distortions and heat sources in disk laser active element. , 2016, , .		0
11	High-power laser based on amplifiers with Yb:YAG elements of advanced geometries. , 2017, , .		0
12	Creation of Composite Optical Elements by the Ion-Beam Surface-Activation Method for Laser Applications. Journal of Surface Investigation, 2020, 14, 1016-1021.	0.5	0
13	Impact of disk laser geometry on excess nonlinear heat release.. , 2018, , .		0
14	Hybrid Yb:YAG and Cryogenic Yb:Y2O3 Laser. , 2019, , .		0
15	Composite Yb:YAG/Sapphire active elements for thin-disk lasers. , 2020, , .		0
16	Composite optical elements for high-power lasers made by Surface Activated Direct Bonding. , 2020, , .		0