

Mikhail R Volkov

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Composite Yb:YAG/sapphire thin-disk active elements for high-energy high-average power lasers. Optics Letters, 2020, 45, 387.	3.3	19
3	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
4	Composite Yb:YAG/Sapphire active elements for thin-disk lasers. , 2020, , .		0
5	Composite optical elements for high-power lasers made by Surface Activated Direct Bonding. , 2020, , .		0
6	Multipass cryogenic Yb:Y2O3 ceramic disk amplifier. Applied Physics B: Lasers and Optics, 2019, 125, 1.	2.2	3
7	Thin-rod active elements for amplification of femtosecond pulses. Quantum Electronics, 2019, 49, 350-353.	1.0	3
8	Disk laser heads based on Yb : YAG for multikilowatt average power lasers. Quantum Electronics, 2019, 49, 354-357.	1.0	3
9	Thermo-optical properties of EuF2-based crystals. Applied Physics Letters, 2019, 114, .	3.3	15
10	Hybrid Yb:YAG and Cryogenic Yb:Y2O3 Laser. , 2019, , .		0
11	Thin-disk laser with multipass unstable ring resonator. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 1370.	2.1	1
12	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
13	Laser generation on Yb:LuAG ceramics produced by nanocrystalline pressure-less sintering in H_2 . Laser Physics Letters, 2018, 15, 035801.	1.4	7
14	Impact of disk laser geometry on excess nonlinear heat release.. , 2018, , .		0
15	High-power laser based on amplifiers with Yb:YAG elements of advanced geometries. , 2017, , .		0
16	Thermal distortions and heat sources in disk laser active element. , 2016, , .		0