

Dmitriy L Porokhovnichenko

List of Publications by Year in descending order

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36
citing authors

#	ARTICLE	IF	CITATIONS
1	Indium iodide single crystal: breakthrough material for infrared acousto-optics. Optics Letters, 2020, 45, 3435.	3.3	13
2	Implementation of the wide-angle acousto-optical interaction geometry in a mercury bromide single crystal. Applied Optics, 2021, 60, 2348.	1.8	11
3	Design of far-infrared acousto-optic tunable filter based on backward collinear interaction. Ultrasonics, 2018, 88, 207-212.	3.9	9
4	Optimization of acousto-optic interaction geometry in KRS-5 crystal for far-infrared applications. Optical Engineering, 2017, 56, 1.	1.0	7
5	Broadband Glan-type polarization scheme based on mercury halide crystal. Optical Engineering, 2021, 60, .	1.0	5
6	Application potential of paratellurite and iodic acid crystals for acousto-optics in the Terahertz range. Physics of Wave Phenomena, 2017, 25, 114-118.	1.1	4
7	Analysis of wide-angle acousto-optic interaction geometry in single crystal mercury bromide. , 2019, , .		4
8	Acousto-optic interaction in an InI single crystal. Doklady Physics, 2017, 62, 407-410.	0.7	3
9	Conditions for obtaining backward collinear isotropic acousto-optic interaction in germanium and iodic acid crystals. Bulletin of the Russian Academy of Sciences: Physics, 2016, 80, 202-206.	0.6	1
10	Backward Collinear Acousto-Optic Interaction in KRS-5 Crystal and Its Nonreciprocal Effect. Bulletin of the Russian Academy of Sciences: Physics, 2018, 82, 1406-1410.	0.6	0