

# Anton G Vyatkin

## List of Publications by Year in descending order

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22  
papers

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citations

1162367

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1199166

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22  
docs citations

22  
times ranked

66  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of elastic anisotropy on thermally induced distortions of a laser beam in single cubic syngony crystals with radial cooling. Part I. Quantum Electronics, 2020, 50, 114-135.	0.3	5
2	Calculation of Thermally Induced Depolarization Dispersion in Laser Ceramics. , 2018, , .		0
3	Thermo-optical characteristics of DKDP crystal. Laser Physics Letters, 2017, 14, 035801.	0.6	6
4	Measurements of Thermo-Optical Characteristics of Cubic Crystals Using Samples of Arbitrary Orientation. IEEE Journal of Quantum Electronics, 2017, 53, 1-7.	1.0	9
5	Thermally Induced Beam Distortions in Sesquioxide Laser Ceramics of m3 Crystal Classâ€”Part II. IEEE Journal of Quantum Electronics, 2015, 51, 1-8.	1.0	6
6	Thermally induced beam distortions in laser ceramics at strong birefringence. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 1084.	0.9	2
7	Thermally Induced Beam Distortions in CaF2 and Other Elastically Anisotropic Cubic Single Crystals. , 2015, , .		0
8	Thermally Induced Beam Distortions in Sesquioxide Laser Ceramics of m3 Crystal Classâ€”Part I. IEEE Journal of Quantum Electronics, 2014, 50, 1061-1071.	1.0	9
9	Three methods for calculation of thermally induced beam distortions in laser ceramics. , 2014, , .		0
10	Thermal Effects in End-Pumped Yb:YAG Thin-Disk and Yb:YAG/YAG Composite Active Element. IEEE Journal of Quantum Electronics, 2014, 50, 133-140.	1.0	32
11	Self-compensation of thermally induced depolarization in CaF_2 and definite cubic single crystals. Optics Express, 2013, 21, 22338.	1.7	15
12	Specificity of Thermally Induced Depolarization in CaF2. , 2013, , .		0
13	Thermally Induced Beam Distortions in Sesquioxide Class m3 Ceramics. , 2013, , .		0
14	Thermally induced scattering of radiation in laser ceramics with arbitrary grain size. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 3307.	0.9	27
15	Drastic reduction of thermally induced depolarization in CaF_2 crystals with [111] orientation. Optics Express, 2012, 20, 13357.	1.7	55
16	Compensation of Thermal Depolarization in CaF2 with no Additional Phase Elements. , 2012, , .		0
17	Thermally induced depolarization in sesquioxide class m3 single crystals. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 805.	0.9	42
18	Sub-joule level high repetition rate cryogenic disk laser. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	One kilohertz cryogenic disk laser with high average power. , 2011, , .		4
20	Thermally Induced Depolarization in Sesquioxide Crystals of m3 Symmetry Class. , 2011, , .		0
21	Thermally induced scattering of radiation in laser ceramics with arbitrary grain size. , 2010, , .		1
22	Nonlinear thermally induced distortions of a laser beam in a cryogenic disk amplifier. Quantum Electronics, 2009, 39, 814-820.	0.3	9