

Oleg A Louchev

List of Publications by Year in descending order

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8
papers

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citations

1684188

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all docs

9
docs citations

9
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-Induced Breakdown in Dielectrics: Strong Electron Superheating. , 2019, , .		1
2	Laser-Matter Interaction in Dielectrics: Insight from Picosecond-Pulsed Second-Harmonic Generation in Periodically Poled LiTaO ₃ . Physical Review Applied, 2017, 8, .	3.8	2
3	Photoionization pathways and thresholds in generation of Lyman- $\hat{\pm}$ radiation by resonant four-wave mixing in Kr-Ar mixture. AIP Advances, 2016, 6, 095018.	1.3	1
4	High-efficiency generation of pulsed Lyman- $\hat{\pm}$ radiation by resonant laser wave mixing in low pressure Kr-Ar mixture. Optics Express, 2016, 24, 7566.	3.4	16
5	Optical breakdown threshold in nanosecond high repetition second harmonic generation by periodically poled Mg-doped LiTaO ₃ crystal. Applied Physics Letters, 2013, 103, .	3.3	9
6	Laser-induced breakdown and damage generation by nonlinear frequency conversion in ferroelectric crystals: Experiment and theory. Journal of Applied Physics, 2013, 114, .	2.5	8
7	Mechanism and computational model for Lyman- $\hat{\pm}$ -radiation generation by high-intensity-laser four-wave mixing in Kr-Ar gas. Physical Review A. 2011, 84, .	2.5	7
8	Nanosecond pulsed laser energy and thermal field evolution during second harmonic generation in periodically poled LiNbO ₃ crystals. Journal of Applied Physics, 2005, 98, 113103.	2.5	32