

# Oleg A Louchev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3559838/publications.pdf>

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8  
papers

76  
citations

1684188

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1720034

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9  
docs citations

9  
times ranked

65  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanosecond pulsed laser energy and thermal field evolution during second harmonic generation in periodically poled LiNbO3 crystals. Journal of Applied Physics, 2005, 98, 113103.	2.5	32
2	High-efficiency generation of pulsed Lyman- $\hat{1}\pm$ radiation by resonant laser wave mixing in low pressure Kr-Ar mixture. Optics Express, 2016, 24, 7566.	3.4	16
3	Optical breakdown threshold in nanosecond high repetition second harmonic generation by periodically poled Mg-doped LiTaO3 crystal. Applied Physics Letters, 2013, 103, .	3.3	9
4	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
5	Mechanism and computational model for Lyman- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \hat{1}\pm \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -radiation generation by high-intensity-laser four-wave mixing in Kr-Ar gas. Physical Review A, 2011, 84, .	2.5	7
6	Laser-Matter Interaction in Dielectrics: Insight from Picosecond-Pulsed Second-Harmonic Generation in Periodically PoledLiTaO3. Physical Review Applied, 2017, 8, .	3.8	2
7	Photoionization pathways and thresholds in generation of Lyman- $\hat{1}\pm$ radiation by resonant four-wave mixing in Kr-Ar mixture. AIP Advances, 2016, 6, 095018.	1.3	1
8	Laser-Induced Breakdown in Dielectrics: Strong Electron Superheating. , 2019, , .		1