

Rostyslav Danylo

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

100
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of femtosecond strong field ion excitation and subsequent lasing in N_2^+ . New Journal of Physics, 2021, 23, 023035.	2.9	10
2	Time-resolved study of laser emission in nitrogen gas pumped by two near IR femtosecond laser pulses. Optics Letters, 2021, 46, 1253.	3.3	1
3	Modeling of the processes of ionization and excitation of nitrogen molecules by short and intense laser pulses. Physical Review A, 2021, 104, .	2.5	7
4	Backward lasing of singly ionized nitrogen ions pumped by femtosecond laser pulses. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	10
5	Quantum erasing of laser emission in N_2^+ . Optics Letters, 2020, 45, 4670.	3.3	9
6	Formation Dynamics of Excited Neutral Nitrogen Molecules inside Femtosecond Laser Filaments. Physical Review Letters, 2019, 123, 243203.	7.8	16
7	Resonance-Enhanced Harmonics From Air Plasma In The Perturbative Regime. , 2018, , .		0
8	Unexpected Sensitivity of Nitrogen Ions Superradiant Emission on Pump Laser Wavelength and Duration. Physical Review Letters, 2017, 119, 203205.	7.8	47