

Rostyslav Danylo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7234516/publications.pdf>

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