

Yusuke Nakamura

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

77
citations

1478505

6
h-index

1474206

9
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12
all docs

12
docs citations

12
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical analysis of plasma structure observed in atmospheric millimeter-wave discharge at under-critical intensity. Journal of Applied Physics, 2018, 124, .	2.5	18
2	Experimental investigation of ionization front propagating in a 28â€‰GHz gyrotron beam: Observation of plasma structure and spectroscopic measurement of gas temperature. Journal of Applied Physics, 2020, 127, .	2.5	14
3	Thrust generation experiments on microwave rocket with a beam concentrator for long distance wireless power feeding. Acta Astronautica, 2018, 145, 263-267.	3.2	9
4	Rocket Propulsion Powered Using a Gyrotron. Journal of Energy and Power Engineering, 2017, 11, .	0.2	9
5	Losing the shock wave front profile due to interaction with turbulence. Fluid Dynamics Research, 2021, 53, 025504.	1.3	6
6	Electrostaticâ€‰magnetic hybrid ion acceleration for high-thrust-density operation. Journal of Applied Physics, 2021, 130, 223303.	2.5	6
7	Theory and modeling of under-critical millimeter-wave discharge in atmospheric air induced by high-energy excited neutral-particles carried via photons. Plasma Sources Science and Technology, 2020, 29, 105017.	3.1	5
8	Impacts of grid turbulence on the side projection of planar shock waves. Shock Waves, 2021, 31, 101-115.	1.9	5
9	Speckle beam-oriented schlieren technique. Experiments in Fluids, 2021, 62, 1.	2.4	3
10	General relativistic effects on Hill stability of multibody systems: Stability of three-body systems containing a massive black hole. Physical Review D, 2020, 102, .	4.7	2
11	Moderation of Shock Wave Profile in Grid Turbulence. , 2021, , .		0
12	Geometrical matching in remote in-tube shock compression by an unsteady jet. Shock Waves, 0, , 1.	1.9	0