

Hao Liu

List of Publications by Year in descending order

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13
docs citations

13
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	Terminal velocities and vortex dynamics of weakly compressible Rayleigh–Taylor Instability. AIP Advances, 2022, 12, 015325.	1.3	1
2	Dynamics of particles near the surface of a medium under ultra-strong shocks. Matter and Radiation at Extremes, 2021, 6, .	3.9	3
3	Molecular dynamics investigation of the stopping power of warm dense hydrogen for electrons. Physical Review E, 2021, 103, 063215.	2.1	4
4	Increase in Axial Compressibility in a Spinning Van der Waals Gas. Entropy, 2021, 23, 137.	2.2	0
5	Dynamics of bond breaking and formation in polyethylene near shock front. Physical Review E, 2020, 102, 023207.	2.1	1
6	On the Size Effect of Strain Rate Sensitivity and Activation Volume for Face-Centered Cubic Materials: A Scaling Law. Crystals, 2020, 10, 898.	2.2	4
7	Coupling effects and thin-shell corrections for surface instabilities of cylindrical fluid shells. Physical Review E, 2020, 101, 023108.	2.1	3
8	Accurate Depth Inversion Method for Coastal Bathymetry: Introduction of Water Wave High-Order Dispersion Relation. Journal of Marine Science and Engineering, 2020, 8, 153.	2.6	7
9	Hardness-Depth Relationship with Temperature Effect for Single Crystals—A Theoretical Analysis. Crystals, 2020, 10, 112.	2.2	3
10	Investigation into the improved axial compressibility of a spinning non-ideal gas. Frontiers of Physics, 2020, 15, 1.	5.0	1
11	Driving Torque Model and Accuracy Test of Multilink High-Speed Punch. Mathematical Problems in Engineering, 2018, 2018, 1-10.	1.1	2
12	Molecular dynamics simulation of strong shock waves propagating in dense deuterium, taking into consideration effects of excited electrons. Physical Review E, 2017, 95, 023201.	2.1	29
13	Molecular dynamics simulations of microscopic structure of ultra strong shock waves in dense helium. Frontiers of Physics, 2016, 11, 1.	5.0	28