

Deepika Singh

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

198
citations

1163117

8
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	Convergence of strong shock waves in an ideal gas with dust particles. <i>Physics of Fluids</i> , 2022, 34, 026106.	4.0	5
2	Propagation of shock waves in a non-ideal gas under the action of magnetic field. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 1514-1528.	2.3	11
3	Kinematics of spherical shock waves in an interstellar ideal gas clouds with dust particles. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 6282-6300.	2.3	5
4	Piston driven converging shock waves in nonideal magnetogasdynamics of variable density. <i>Physics of Fluids</i> , 2021, 33, .	4.0	9
5	Propagation of cylindrical shock waves in rotational axisymmetric dusty gas with magnetic field: Isothermal flow. <i>Physics of Fluids</i> , 2021, 33, .	4.0	4
6	Lie Symmetry Reductions and Wave Solutions of Coupled Equal Width Wave Equation. <i>International Journal of Applied and Computational Mathematics</i> , 2020, 6, 1.	1.6	3
7	Similarity solutions of converging shock waves in an ideal relaxing gas with dust particles. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	5
8	Similarity solutions for the strong shock waves in magnetogasdynamics with the effect of monochromatic radiation. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	6
9	Piston driven converging cylindrical shock waves in a non-ideal gas with azimuthal magnetic field. <i>Physics of Fluids</i> , 2020, 32, .	4.0	8
10	Similarity Solutions for Imploding Shocks in a Non-ideal Magnetogasdynamics. <i>International Journal of Applied and Computational Mathematics</i> , 2020, 6, 1.	1.6	10
11	Similarity solutions for strong shock waves in magnetogasdynamics under a gravitational field. <i>Ricerche Di Matematica</i> , 2020, , 1.	1.0	8
12	Converging shock waves in a Van der Waals gas of variable density. <i>Quarterly Journal of Mechanics and Applied Mathematics</i> , 2020, 73, 101-118.	1.3	7
13	Blast waves propagation in magnetogasdynamics: power series method. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2020, 75, 1039-1050.	1.5	5
14	Propagation of strong shock waves in a non-ideal gas. <i>Acta Astronautica</i> , 2019, 159, 96-104.	3.2	13
15	SIMILARITY SOLUTIONS FOR STRONG SHOCKS IN A NON-IDEAL GAS. <i>Mathematical Modelling and Analysis</i> , 2012, 17, 351-365.	1.5	22
16	Convergence of Strong Shock in a Van der Waals Gas. <i>SIAM Journal on Applied Mathematics</i> , 2006, 66, 1825-1837.	1.8	50
17	Similarity Solutions for Strong Shocks in an Ideal Gas. <i>Studies in Applied Mathematics</i> , 2005, 114, 375-394.	2.4	27