Deepika A Bollimpalli

List of Publications by Year
in descending order

11	70	1684188 5	1588992 8
papers	citations	h-index	g-index

11	11	11	54
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acoustic geometry through perturbation of mass accretion rate: radial flow in static spacetimes. General Relativity and Gravitation, 2015, 47, 1.	2.0	14
2	Disc instabilities and nova eruptions in symbiotic systems: RS Ophiuchi and Z Andromedae. Monthly Notices of the Royal Astronomical Society, 2018, 481, 5422-5435.	4.4	14
3	Looking for the underlying cause of black hole X-ray variability in GRMHD simulations. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3808-3828.	4.4	14
4	Perturbation of mass accretion rate, associated acoustic geometry and stability analysis. New Astronomy, 2017, 51, 153-160.	1.8	12
5	Atmospheric oscillations provide simultaneous measurement of neutron star mass and radius. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5129-5142.	4.4	5
6	Radial modes of levitating atmospheres around Eddington luminosity neutron stars. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3298-3303.	4.4	4
7	Influence of the black hole spin on the chaotic particle dynamics within a dipolar halo. Astrophysics and Space Science, 2017, 362, 1.	1.4	3
8	Influence of geometrical configuration on low angular momentum relativistic accretion around rotating black holes. Physical Review D, 2019, 100, .	4.7	3
9	Magneto-rotational instability in magnetically polarized discs. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4278-4288.	4.4	1
10	On the realizability of relativistic acoustic geometry under a generalized perturbation scheme for axisymmetric matter flow onto black holes. Proceedings of the Indian National Science Academy, 2015, 81, .	1.4	0
11	Development of Secular Instability in Different Disc Models of Black Hole Accretion. Proceedings of the Indian National Science Academy, 2015, 81, .	1.4	0