

# Deepika A Bollimpalli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1837999/publications.pdf>

Version: 2024-02-01

11  
papers

70  
citations

1684188

5  
h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

54  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magneto-rotational instability in magnetically polarized discs. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4278-4288.	4.4	1
2	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
3	Influence of geometrical configuration on low angular momentum relativistic accretion around rotating black holes. Physical Review D, 2019, 100, .	4.7	3
4	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
5	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
6	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
7	Perturbation of mass accretion rate, associated acoustic geometry and stability analysis. New Astronomy, 2017, 51, 153-160.	1.8	12
8	Radial modes of levitating atmospheres around Eddington luminosity neutron stars. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3298-3303.	4.4	4
9	Acoustic geometry through perturbation of mass accretion rate: radial flow in static spacetimes. General Relativity and Gravitation, 2015, 47, 1.	2.0	14
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