

Rajiv Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

260
citations

1040056

9
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of mass outflow rates from viscous relativistic accretion discs around black holes. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3792-3811.	4.4	40
2	Estimation of the mass outflow rates from viscous accretion discs. Monthly Notices of the Royal Astronomical Society, 2013, 430, 386-402.	4.4	39
3	Effect of the flow composition on outflow rates from accretion discs around black holes. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2864-2873.	4.4	29
4	SIMULATIONS OF VISCOUS ACCRETION FLOW AROUND BLACK HOLES IN A TWO-DIMENSIONAL CYLINDRICAL GEOMETRY. Astrophysical Journal, 2016, 831, 33.	4.5	28
5	Dissipative advective accretion disc solutions with variable adiabatic index around black holes. Monthly Notices of the Royal Astronomical Society, 2014, 443, 3444-3462.	4.4	27
6	Estimation of bipolar jets from accretion discs around Kerr black holes. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4221-4235.	4.4	23
7	Radiatively driven relativistic jets with variable adiabatic index equation of state. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2993-3015.	4.4	22
8	Radiatively and thermally driven self-consistent bipolar outflows from accretion discs around compact objects. Monthly Notices of the Royal Astronomical Society, 2014, 437, 2992-3003.	4.4	20
9	The 2D Disk Structure with Advective Transonic Inflow-“Outflow Solutions around Black Holes. Astrophysical Journal, 2018, 860, 114.	4.5	13
10	Blob formation and ejection from the radiative inefficient accretion flow around massive black hole. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1561-1577.	4.4	8
11	Compact binary merger and kilonova: outflows from remnant disc. Monthly Notices of the Royal Astronomical Society, 2018, 476, 683-689.	4.4	4
12	Self-similar Solutions for Finite Size Advection-dominated Accretion Flows. Astrophysical Journal, 2019, 876, 114.	4.5	3
13	A Review of Possible Advective Disk Structures around a Black Hole with Two Types of Gas Inflows. Astrophysical Journal, 2021, 910, 9.	4.5	3
14	Radiative energy from a reconnection region around massive black hole. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5251-5258.	4.4	1
15	Theoretical analysis on pulsar timing of a millisecond pulsar around a binary black hole. Monthly Notices of the Royal Astronomical Society, 2021, 510, 708-717.	4.4	0