

# Rajiv Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2360120/publications.pdf>

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