

Himadri Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

149
citations

1163117

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1588992

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docs citations

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53
citing authors

#	ARTICLE	IF	CITATIONS
1	EFFECTS OF COMPTON COOLING ON OUTFLOW IN A TWO-COMPONENT ACCRETION FLOW AROUND A BLACK HOLE: RESULTS OF A COUPLED MONTE CARLO TOTAL VARIATION DIMINISHING SIMULATION. <i>Astrophysical Journal</i> , 2012, 758, 114.	4.5	33
2	Quasi-periodic oscillations in a radiative transonic flow: results of a coupled Monte Carlo-tvd simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1329-1336.	4.4	31
3	Effects of Compton cooling on the hydrodynamic and the spectral properties of a two-component accretion flow around a black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 959-971.	4.4	26
4	MONTE CARLO SIMULATIONS OF THE THERMAL COMPTONIZATION PROCESS IN A TWO-COMPONENT ACCRETION FLOW AROUND A BLACK HOLE. <i>International Journal of Modern Physics D</i> , 2009, 18, 1693-1706.	2.1	14
5	Images and spectral properties of two-component advective flows around black holes: effects of photon bending. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3902-3912.	4.4	13
6	MONTE CARLO SIMULATIONS OF THE THERMAL COMPTONIZATION PROCESS IN A TWO-COMPONENT ACCRETION FLOW AROUND A BLACK HOLE IN THE PRESENCE OF AN OUTFLOW. <i>International Journal of Modern Physics D</i> , 2010, 19, 607-620.	2.1	12
7	Temporal evolution of photon energy emitted from two-component advective flows: origin of time lag. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1842-1849.	4.4	12
8	Images and spectra of time-dependent two-component advective flow in presence of outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 3356-3366.	4.4	8
9	EFFECTS OF COMPTON COOLING ON OUTFLOWS IN A TWO COMPONENT ACCRETION FLOW AROUND A BLACK HOLE: RESULTS OF A COUPLED MONTE CARLO-TVD SIMULATION. , 2015, , .		0
10	Monte-Carlo Simulation as a Defining Tool to Diagnose Timing and Spectral Properties of Flows Around Black Holes. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2018, , 157-169.	0.3	0