

De-Fu Bu

List of Publications by Year in descending order

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papers

421
citations

840776

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#	ARTICLE	IF	CITATIONS
1	HYDRODYNAMICAL NUMERICAL SIMULATION OF WIND PRODUCTION FROM BLACK HOLE HOT ACCRETION FLOWS AT VERY LARGE RADII. <i>Astrophysical Journal</i> , 2016, 818, 83.	4.5	55
2	Self-similar solution of hot accretion flows with ordered magnetic field and outflow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 325-331.	4.4	49
3	On the convective instability of hot radiative accretion flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 1051-1060.	4.4	44
4	On the role of initial and boundary conditions in numerical simulations of accretion flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1692-1701.	4.4	43
5	MAGNETOHYDRODYNAMIC NUMERICAL SIMULATION OF WIND PRODUCTION FROM HOT ACCRETION FLOWS AROUND BLACK HOLES AT VERY LARGE RADII. <i>Astrophysical Journal</i> , 2016, 823, 90.	4.5	41
6	TWO-DIMENSIONAL NUMERICAL SIMULATIONS OF SUPERCRITICAL ACCRETION FLOWS REVISITED. <i>Astrophysical Journal</i> , 2014, 780, 79.	4.5	35
7	On the wind production from hot accretion flows with different accretion rates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1206-1213.	4.4	16
8	The effects of magnetic field strength on the properties of wind generated from hot accretion flow. <i>Astronomy and Astrophysics</i> , 2018, 615, A35.	5.1	15
9	Numerical Simulations of Winds Driven by Radiation Force from the Corona above a Thin Disk. <i>Astrophysical Journal</i> , 2018, 867, 100.	4.5	14
10	Effects of anisotropic thermal conduction on wind properties in hot accretion flow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 746-753.	4.4	13
11	Quenching Black Hole Accretion by Active Galactic Nuclei Feedback. <i>Astrophysical Journal</i> , 2019, 871, 138.	4.5	13
12	Anisotropic Multimessenger Signals from Black Hole Neutrino-dominated Accretion Flows with Outflows in Binary Compact Object Mergers. <i>Astrophysical Journal</i> , 2022, 925, 43.	4.5	11
13	Thermal wind from hot accretion flows at large radii. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4395-4402.	4.4	10
14	Radiation-driven outflows in AGNs: revisiting feedback effects of scattered and reprocessed photons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2567-2578.	4.4	8
15	What is the real accretion rate on to a black hole for low-angular-momentum accretion?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1724-1734.	4.4	7
16	Two-dimensional Inflow–Outflow Solution of Supercritical Accretion Flow. <i>Astrophysical Journal</i> , 2020, 888, 86.	4.5	7
17	The effect of accretion environment at large radius on hot accretion flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 954-960.	4.4	6
18	Magnetohydrodynamic Numerical Simulation of the Outflows Driven by Magnetic Field and Radiation Force from the Corona above a Thin Disk. <i>Astrophysical Journal</i> , 2019, 881, 34.	4.5	6

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19	Self-Similar Solution of Hot Accretion Flow with Anisotropic Pressure. Universe, 2019, 5, 89.	2.5	5
20	Two-dimensional Inflow-wind Solution of Hot Accretion Flow. I. Hydrodynamics. Astrophysical Journal, 2021, 909, 140.	4.5	5
21	Large-scale dynamics of winds driven by line force from a thin accretion disc. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1141-1153.	4.4	5
22	Can Warm Absorbers Be Driven by Ultra-fast Outflows?. Astrophysical Journal, 2021, 921, 100.	4.5	4
23	Active Galactic Nuclei Feedback at the Parsec Scale. Astrophysical Journal, 2019, 882, 55.	4.5	2
24	Hot Accretion Flow in Two-Dimensional Spherical Coordinates: Considering Pressure Anisotropy and Magnetic Field. Universe, 2019, 5, 197.	2.5	2
25	Hot Accretion Flow around Neutron Stars. Astrophysical Journal, 2019, 875, 147.	4.5	2
26	Two-temperature Radiative Hot Accretion Flow around Neutron Stars. Astrophysical Journal, 2020, 890, 116.	4.5	2
27	Self-similar Solution of Hot Accretion Flow with Thermal Conduction and Anisotropic Pressure. Astrophysical Journal, 2022, 926, 182.	4.5	1