

Paramita Barai

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

633
citations

471509

17
h-index

610901

24
g-index

29
all docs

29
docs citations

29
times ranked

1104
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiphase, non-spherical gas accretion on to a black hole. Monthly Notices of the Royal Astronomical Society, 2012, 424, 728-746.	4.4	49
2	Galactic winds in cosmological simulations of the circumgalactic medium. Monthly Notices of the Royal Astronomical Society, 2013, 430, 3213-3234.	4.4	45
3	Kinetic or thermal AGN feedback in simulations of isolated and merging disc galaxies calibrated by the $M-\dot{m}$ relation. Monthly Notices of the Royal Astronomical Society, 2014, 437, 1456-1475.	4.4	44
4	Quasar outflows at $z \approx 6$: the impact on the host galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4003-4020.	4.4	44
5	Kinetic AGN feedback effects on cluster cool cores simulated using SPH. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1548-1567.	4.4	40
6	THE FATE OF DWARF GALAXIES IN CLUSTERS AND THE ORIGIN OF INTRACLUSTER STARS. II. COSMOLOGICAL SIMULATIONS. Astrophysical Journal, 2012, 757, 48.	4.5	38
7	The Dependence of General Relativistic Accretion on Black Hole Spin. Astrophysical Journal, 2004, 613, L49-L52.	4.5	36
8	MAJOR CLUSTER MERGERS AND THE LOCATION OF THE BRIGHTEST CLUSTER GALAXY. Astrophysical Journal, 2014, 786, 79.	4.5	35
9	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. Astroparticle Physics, 2019, 111, 35-53.	4.3	35
10	Metals in the $z \approx 3$ intergalactic medium: results from an ultra-high signal-to-noise ratio UVES quasar spectrum. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2690-2707.	4.4	34
11	Smoothed particle hydrodynamics simulations of black hole accretion: a step to model black hole feedback in galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 418, 591-611.	4.4	30
12	Intermediate-mass black hole growth and feedback in dwarf galaxies at high redshifts. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5549-5563.	4.4	30
13	ANISOTROPIC ACTIVE GALACTIC NUCLEUS OUTFLOWS AND ENRICHMENT OF THE INTERGALACTIC MEDIUM. I. METAL DISTRIBUTION. Astrophysical Journal, 2009, 704, 1002-1020.	4.5	29
14	Galactic outflow and diffuse gas properties at $z \approx 1$ using different baryonic feedback models. Monthly Notices of the Royal Astronomical Society, 2015, 447, 266-286.	4.4	26
15	Testing Models of Radio Galaxy Evolution and the Cosmological Impact of FR II Radio Galaxies. Astrophysical Journal, 2007, 658, 217-231.	4.5	23
16	Testing models of the individual and cosmological evolutions of powerful radio galaxies. Monthly Notices of the Royal Astronomical Society, 2006, 372, 381-400.	4.4	22
17	ANISOTROPIC ACTIVE GALACTIC NUCLEUS OUTFLOWS AND ENRICHMENT OF THE INTERGALACTIC MEDIUM. II. METALLICITY. Astrophysical Journal, 2011, 727, 54.	4.5	19
18	Large-Scale Impact of the Cosmological Population of Expanding Radio Galaxies. Astrophysical Journal, 2008, 682, L17-L20.	4.5	16

#	ARTICLE	IF	CITATIONS
19	Black hole spin dependence of general relativistic multi-transonic accretion close to the horizon. <i>New Astronomy</i> , 2015, 37, 81-104.	1.8	12
20	Enhanced star formation in $z \sim 6$ quasar companions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2118-2135.	4.4	11
21	The fate of dwarf galaxies in clusters and the origin of intracluster stars. <i>Journal of Astrophysics and Astronomy</i> , 2009, 30, 1-36.	1.0	7
22	LOW-LEVEL RADIO EMISSION FROM RADIO GALAXIES AND IMPLICATIONS FOR THE LARGE SCALE STRUCTURE. <i>Journal of the Korean Astronomical Society</i> , 2004, 37, 517-525.	1.5	6
23	Intermediate-Mass Black Hole Feedback in Dwarf Galaxies: a View from Cosmological Simulations. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 154-157.	0.0	1
24	Metal Enrichment of the IGM by Anisotropic AGN Outflows on Cosmological Scales. , 2009, , .		0
25	How to Simulate Galactic Outflows?. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 300-301.	0.0	0
26	Feedback from supermassive and intermediate-mass black holes at galaxy centers using cosmological hydrodynamical simulations. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 184-188.	0.0	0
27	Feedback from central massive black holes in galaxies using cosmological simulations. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 35-36.	0.0	0
28	Cosmic magnetism evolution using cosmological simulations. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 175-177.	0.0	0