Nishikanta Khandai

List of Publications by Year
in descending order

31	1,199	471477 17	454934 30
papers	citations	h-index	g-index

31	31	31	1650
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The dark matter haloes of HI selected galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2585-2599.	4.4	4
2	Simulated Xâ€ray emission in galaxy clusters with feedback from active galactic nuclei. Astronomische Nachrichten, 2021, 342, 164-170.	1.2	2
3	Redshift space three-point correlation function of IGM at z < 0.48. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4585-4607.	4.4	4
4	Cosmological Simulation of Galaxy Groups and Clusters. I. Global Effect of Feedback from Active Galactic Nuclei. Astrophysical Journal, 2020, 889, 60.	4.5	6
5	The population of galaxies that contribute to the Hâ€‰<scp>i</scp> mass function. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2664-2678.	4.4	7
6	The distribution of neutral hydrogen in the colourâ€“magnitude plane of galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 500, L37-L41.	3.3	5
7	Large-scale 3D mapping of the intergalactic medium using the Lyman Î± forest. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3610-3623.	4.4	19
8	Galaxy shapes and alignments in the MassiveBlack-II hydrodynamic and dark matter-only simulations. Monthly Notices of the Royal Astronomical Society, 2015, 453, 469-482.	4.4	52
9	The MassiveBlack-II simulation: the evolution of haloes and galaxies to zÂâ¼Â0. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1349-1374.	4.4	262
10	Intrinsic alignments of galaxies in the MassiveBlack-II simulation: analysis of two-point statistics. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3522-3544.	4.4	66
11	Luminosity function of [Oâ€‰ii] emission-line galaxies in the MassiveBlack-II simulation. Monthly Notices of the Royal Astronomical Society, 2015, 454, 277-287.	4.4	11
12	Petascale Cosmology: Simulations of Structure Formation. Computing in Science and Engineering, 2015, 17, 40-46.	1.2	0
13	Galaxy shapes and intrinsic alignments in the MassiveBlack-II simulation. Monthly Notices of the Royal Astronomical Society, 2014, 441, 470-485.	4.4	82
14	Non-parametric 3D map of the intergalactic medium using the Lyman-alpha forest. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2599-2609.	4.4	31
15	High-redshift supermassive black holes: accretion through cold flows. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1865-1879.	4.4	42
16	Growth and anisotropy of ionization fronts near high-redshift quasars in the MassiveBlack simulation. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1554-1563.	4.4	8
17	Interpreting the observed UV continuum slopes of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 430, 2885-2890.	4.4	50
18	Confronting predictions of the galaxy stellar mass function with observations at high redshift. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2098-2103.	4.4	6

#	Article	IF	Citations
19	Theoretical predictions for the effect of nebular emission on the broad-band photometry of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2885-2895.	4.4	35
20	Dark matter halo occupation: environment and clustering. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2766-2777.	4.4	17
21	GROWTH OF EARLY SUPERMASSIVE BLACK HOLES AND THE HIGH-REDSHIFT EDDINGTON RATIO DISTRIBUTION. Astrophysical Journal Letters, 2012, 755, L8.	8.3	21
22	COLD FLOWS AND THE FIRST QUASARS. Astrophysical Journal Letters, 2012, 745, L29.	8.3	219
23	The formation of galaxies hostingzâ€ƒâˆ¼ 6 quasars. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2397-2406.	4.4	38
24	Early black holes in cosmological simulations: luminosity functions and clustering behaviour. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1892-1898.	4.4	23
25	Detecting neutral hydrogen in emission at redshift z â‰ƒ 1. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2580-2593.	4.4	20
26	TERAPIXEL IMAGING OF COSMOLOGICAL SIMULATIONS. Astrophysical Journal, Supplement Series, 2011, 197, 18.	7.7	10
27	Fractal dimension as a measure of the scale of homogeneity. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	38
28	Hâ€i as a probe of the large-scale structure in the post-reionization universe. Monthly Notices of the Royal Astronomical Society, 2010, 407, 567-580.	4.4	89
29	A modified TreePM code. Research in Astronomy and Astrophysics, 2009, 9, 861-873.	1.7	8
30	Effects of the size of cosmologicalN-body simulations on physical quantities - III. Skewness. Monthly Notices of the Royal Astronomical Society, 2009, 395, 918-930.	4.4	10
31	The Adaptive TreePM: an adaptive resolution code for cosmologicalN-body simulations. Monthly Notices of the Royal Astronomical Society, 2009, 396, 2211-2227.	4.4	14