

Doogesh Kodi Ramanah

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

111
citations

6
h-index

10
g-index

11
ext. papers

154
ext. citations

4.5
avg, IF

3.35
L-index

#	Paper	IF	Citations
10	Optimal machine-driven acquisition of future cosmological data. <i>Astronomy and Astrophysics</i> , 2022 , 657, L17	5.1	2
9	Simulation-based inference of dynamical galaxy cluster masses with 3D convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 4080-4091	4.3	3
8	Dynamical mass inference of galaxy clusters with neural flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 1985-1997	4.3	5
7	Super-resolution emulator of cosmological simulations using deep physical models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 4227-4236	4.3	21
6	Explicit Bayesian treatment of unknown foreground contaminations in galaxy surveys. <i>Astronomy and Astrophysics</i> , 2019 , 624, A115	5.1	11
5	Painting halos from cosmic density fields of dark matter with physically motivated neural networks. <i>Physical Review D</i> , 2019 , 100,	4.9	15
4	Wiener filtering and pure E/B decomposition of CMB maps with anisotropic correlated noise. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 947-961	4.3	7
3	Cosmological inference from Bayesian forward modelling of deep galaxy redshift surveys. <i>Astronomy and Astrophysics</i> , 2019 , 621, A69	5.1	26
2	Optimal and fast E/B separation with a dual messenger field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 2825-2834	4.3	6
1	Wiener filter reloaded: fast signal reconstruction without preconditioning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 1782-1793	4.3	15