

Doogesh Kodi Ramanah

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5281519/publications.pdf>

Version: 2024-02-01

11
papers

201
citations

1162367

8
h-index

1281420

11
g-index

11
all docs

11
docs citations

11
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-resolution emulator of cosmological simulations using deep physical models. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4227-4236.	1.6	39
2	Cosmological inference from Bayesian forward modelling of deep galaxy redshift surveys. Astronomy and Astrophysics, 2019, 621, A69.	2.1	37
3	Painting halos from cosmic density fields of dark matter with physically motivated neural networks. Physical Review D, 2019, 100, .	1.6	25
4	Dynamical mass inference of galaxy clusters with neural flows. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1985-1997.	1.6	23
5	Wiener filter reloaded: fast signal reconstruction without preconditioning. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1782-1793.	1.6	17
6	Explicit Bayesian treatment of unknown foreground contaminations in galaxy surveys. Astronomy and Astrophysics, 2019, 624, A115.	2.1	16
7	Simulation-based inference of dynamical galaxy cluster masses with 3D convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4080-4091.	1.6	16
8	Wiener filtering and pure \mathcal{E}/\mathcal{B} decomposition of CMB maps with anisotropic correlated noise. Monthly Notices of the Royal Astronomical Society, 2019, 490, 947-961.	1.6	10
9	Optimal and fast \mathcal{E}/\mathcal{B} separation with a dual messenger field. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2825-2834.	1.6	8
10	AI-driven spatio-temporal engine for finding gravitationally lensed type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5404-5417.	1.6	7
11	Optimal machine-driven acquisition of future cosmological data. Astronomy and Astrophysics, 2022, 657, L17.	2.1	3