

Philipp Frank

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

108
citations

1684188

5
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Variable structures in M87* from space, time and frequency resolved interferometry. Nature Astronomy, 2022, 6, 259-269.	10.1	34
2	Field Dynamics Inference for Local and Causal Interactions. Annalen Der Physik, 2021, 533, 2000486.	2.4	4
3	Bayesian decomposition of the Galactic multi-frequency sky using probabilistic autoencoders. Astronomy and Astrophysics, 2021, 650, A100.	5.1	2
4	Geometric Variational Inference. Entropy, 2021, 23, 853.	2.2	13
5	Probabilistic Autoencoder Using Fisher Information. Entropy, 2021, 23, 1640.	2.2	1
6	Dynamical Field Inference and Supersymmetry. Entropy, 2021, 23, 1652.	2.2	2
7	NIFT – Numerical Information Field Theory: A Python Framework for Multicomponent Signal Inference on HPC Clusters. Annalen Der Physik, 2019, 531, 1800290.	2.4	13
8	Unified radio interferometric calibration and imaging with joint uncertainty quantification. Astronomy and Astrophysics, 2019, 627, A134.	5.1	29
9	Sharpening up Galactic all-sky maps with complementary data. Astronomy and Astrophysics, 2018, 620, A64.	5.1	4
10	Field dynamics inference via spectral density estimation. Physical Review E, 2017, 96, 052104.	2.1	5
11	SOMBI: Bayesian identification of parameter relations in unstructured cosmological data. Astronomy and Astrophysics, 2016, 595, A75.	5.1	1