

Reimar H Leike

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3180876/publications.pdf>

Version: 2024-02-01

16
papers

241
citations

1163117

8
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

480
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially Resolved Ultraviolet Spectroscopy of the Great Dimming of Betelgeuse. <i>Astrophysical Journal</i> , 2020, 899, 68.	4.5	34
2	Variable structures in M87* from space, time and frequency resolved interferometry. <i>Nature Astronomy</i> , 2022, 6, 259-269.	10.1	34
3	On the Three-dimensional Structure of Local Molecular Clouds. <i>Astrophysical Journal</i> , 2021, 919, 35.	4.5	33
4	The Per-Tau Shell: A Giant Star-forming Spherical Shell Revealed by 3D Dust Observations. <i>Astrophysical Journal Letters</i> , 2021, 919, L5.	8.3	31
5	Unified radio interferometric calibration and imaging with joint uncertainty quantification. <i>Astronomy and Astrophysics</i> , 2019, 627, A134.	5.1	29
6	Comparison of classical and Bayesian imaging in radio interferometry. <i>Astronomy and Astrophysics</i> , 2021, 646, A84.	5.1	23
7	Optimal Belief Approximation. <i>Entropy</i> , 2017, 19, 402.	2.2	14
8	NIFT $\hat{=}$ Numerical Information Field Theory: A Python Framework for Multicomponent Signal Inference on HPC Clusters. <i>Annalen Der Physik</i> , 2019, 531, 1800290.	2.4	13
9	Geometric Variational Inference. <i>Entropy</i> , 2021, 23, 853.	2.2	13
10	Towards information-optimal simulation of partial differential equations. <i>Physical Review E</i> , 2018, 97, 033314.	2.1	4
11	Field Dynamics Inference for Local and Causal Interactions. <i>Annalen Der Physik</i> , 2021, 533, 2000486.	2.4	4
12	Operator calculus for information field theory. <i>Physical Review E</i> , 2016, 94, 053306.	2.1	3
13	Optical reconstruction of dust in the region of supernova remnant RX J1713.7 $\hat{=}$ 3946 from astrometric data. <i>Nature Astronomy</i> , 2021, 5, 832-838.	10.1	3
14	Bayesian decomposition of the Galactic multi-frequency sky using probabilistic autoencoders. <i>Astronomy and Astrophysics</i> , 2021, 650, A100.	5.1	2
15	Toward Bayesian Data Compression. <i>Annalen Der Physik</i> , 2021, 533, 2000508.	2.4	1
16	Charting nearby dust clouds using <i>Gaia</i> data only (Corrigendum). <i>Astronomy and Astrophysics</i> , 2021, 647, C1.	5.1	0