

Enrique Lopez-Rodriguez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/171013/publications.pdf>

Version: 2024-02-01

22
papers

534
citations

759233

12
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping the magnetic field in the Taurus/B211 filamentary cloud with SOFIA HAWC+ and comparing with simulation. Monthly Notices of the Royal Astronomical Society, 2022, 510, 6085-6109.	4.4	24
2	The Complex Infrared Dust Continuum Emission of NGC 1068: Ground-based N- and Q-band Spectroscopy and New Radiative Transfer Models. Astrophysical Journal, 2022, 926, 192.	4.5	5
3	Grain Alignment in the Circumstellar Shell of IRC+10 ⁶ 216. Astrophysical Journal, 2022, 931, 80.	4.5	7
4	The role of magnetic fields in the stability and fragmentation of filamentary molecular clouds: two case studies at OMC-3 and OMC-4. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3024-3040.	4.4	5
5	The magnetic field across the molecular warped disk of Centaurus A. Nature Astronomy, 2021, 5, 604-614.	10.1	14
6	The Strength and Structure of the Magnetic Field in the Galactic Outflow of Messier 82. Astrophysical Journal, 2021, 914, 24.	4.5	21
7	Hypercubes of AGN Tori (HYPERCAT). I. Models and Image Morphology. Astrophysical Journal, 2021, 919, 136.	4.5	10
8	Extragalactic Magnetism with SOFIA (Legacy Program). I. The Magnetic Field in the Multiphase Interstellar Medium of M51. Astrophysical Journal, 2021, 921, 128.	4.5	21
9	Extragalactic Magnetism with SOFIA (Legacy Program) - II: A Magnetically Driven Flow in the Starburst Ring of NGC 1097*. Astrophysical Journal, 2021, 923, 150.	4.5	13
10	SOFIA Observations of 30 Doradus. I. Far-infrared Dust Polarization and Implications for Grain Alignment and Disruption by Radiative Torques. Astrophysical Journal, 2021, 923, 130.	4.5	11
11	Hypercubes of AGN Tori (HYPERCAT). II. Resolving the Torus with Extremely Large Telescopes. Astrophysical Journal, 2021, 923, 127.	4.5	5
12	Magnetized filamentary gas flows feeding the young embedded cluster in Serpens South. Nature Astronomy, 2020, 4, 1195-1201.	10.1	53
13	SOFIA/HAWC+ Traces the Magnetic Fields in NGC 1068. Astrophysical Journal, 2020, 888, 66.	4.5	18
14	ALMA Polarimetry Measures Magnetically Aligned Dust Grains in the Torus of NGC 1068. Astrophysical Journal, 2020, 893, 33.	4.5	21
15	SOFIA/FORCAST resolves 30" x 40" extended dust emission in nearby active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3404-3419.	4.4	11
16	HAWC+/SOFIA Multiwavelength Polarimetric Observations of OMC-1. Astrophysical Journal, 2019, 872, 187.	4.5	64
17	Hypercat - hypercube of AGN tori. Proceedings of the International Astronomical Union, 2019, 15, 44-49.	0.0	0
18	HAWC+, the Far-Infrared Camera and Polarimeter for SOFIA. Journal of Astronomical Instrumentation, 2018, 07, .	1.5	87

#	ARTICLE	IF	CITATIONS
19	The Highly Polarized Dusty Emission Core of Cygnus A. <i>Astrophysical Journal Letters</i> , 2018, 861, L23.	8.3	18
20	The Emission and Distribution of Dust of the Torus of NGC 1068. <i>Astrophysical Journal</i> , 2018, 859, 99.	4.5	35
21	PROBING HYPERGIANT MASS LOSS WITH ADAPTIVE OPTICS IMAGING AND POLARIMETRY IN THE INFRARED: MMT-Pol AND LMIRCam OBSERVATIONS OF IRC +10420 AND VY CANIS MAJORIS. <i>Astronomical Journal</i> , 2015, 150, 15.	4.7	12
22	THE DIFFERENCES IN THE TORUS GEOMETRY BETWEEN HIDDEN AND NON-HIDDEN BROAD LINE ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2015, 803, 57.	4.5	79