

# Enrique Lopez-Rodriguez

## List of Publications by Year in descending order

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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	HAWC+, the Far-Infrared Camera and Polarimeter for SOFIA. <i>Journal of Astronomical Instrumentation</i> , 2018, 07, .	1.5	87
2	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
3	HAWC+/SOFIA Multiwavelength Polarimetric Observations of OMC-1. <i>Astrophysical Journal</i> , 2019, 872, 187.	4.5	64
4	Magnetized filamentary gas flows feeding the young embedded cluster in Serpens South. <i>Nature Astronomy</i> , 2020, 4, 1195-1201.	10.1	53
5	The Emission and Distribution of Dust of the Torus of NGC 1068. <i>Astrophysical Journal</i> , 2018, 859, 99.	4.5	35
6	Mapping the magnetic field in the Taurus/B211 filamentary cloud with SOFIA HAWC+ and comparing with simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 6085-6109.	4.4	24
7	The Strength and Structure of the Magnetic Field in the Galactic Outflow of Messier 82. <i>Astrophysical Journal</i> , 2021, 914, 24.	4.5	21
8	ALMA Polarimetry Measures Magnetically Aligned Dust Grains in the Torus of NGC 1068. <i>Astrophysical Journal</i> , 2020, 893, 33.	4.5	21
9	Extragalactic Magnetism with SOFIA (Legacy Program). I. The Magnetic Field in the Multiphase Interstellar Medium of M51 <sup>*</sup> . <i>Astrophysical Journal</i> , 2021, 921, 128.	4.5	21
10	The Highly Polarized Dusty Emission Core of Cygnus A. <i>Astrophysical Journal Letters</i> , 2018, 861, L23.	8.3	18
11	SOFIA/HAWC+ Traces the Magnetic Fields in NGC 1068. <i>Astrophysical Journal</i> , 2020, 888, 66.	4.5	18
12	The magnetic field across the molecular warped disk of Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 604-614.	10.1	14
13	Extragalactic Magnetism with SOFIA (Legacy Program) - II: A Magnetically Driven Flow in the Starburst Ring of NGC 1097 <sup>*</sup> . <i>Astrophysical Journal</i> , 2021, 923, 150.	4.5	13
14	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
15	SOFIA/FORCAST resolves 30â€“40 $\frac{1}{4}$ m extended dust emission in nearby active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3404-3419.	4.4	11
16	SOFIA Observations of 30 Doradus. I. Far-infrared Dust Polarization and Implications for Grain Alignment and Disruption by Radiative Torques. <i>Astrophysical Journal</i> , 2021, 923, 130.	4.5	11
17	Hypercubes of AGN Tori (HYPERCAT). I. Models and Image Morphology. <i>Astrophysical Journal</i> , 2021, 919, 136.	4.5	10
18	Grain Alignment in the Circumstellar Shell of IRC+10A <sup>o</sup> 216. <i>Astrophysical Journal</i> , 2022, 931, 80.	4.5	7

#	ARTICLE	IF	CITATIONS
19	The Complex Infrared Dust Continuum Emission of NGC 1068: Ground-based N- and Q-band Spectroscopy and New Radiative Transfer Models. <i>Astrophysical Journal</i> , 2022, 926, 192.	4.5	5
20	Hypercubes of AGN Tori (HYPERCAT). II. Resolving the Torus with Extremely Large Telescopes. <i>Astrophysical Journal</i> , 2021, 923, 127.	4.5	5
21	The role of magnetic fields in the stability and fragmentation of filamentary molecular clouds: two case studies at OMC-3 and OMC-4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3024-3040.	4.4	5
22	Hypercat - hypercube of AGN tori. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 44-49.	0.0	0