

Ruben Herrero-Illana

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,020
citations

430874

18
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1660
citing authors

#	ARTICLE	IF	CITATIONS
1	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	8.3	142
2	The quest for dual and binary supermassive black holes: A multi-messenger view. <i>New Astronomy Reviews</i> , 2019, 86, 101525.	12.8	119
3	A dust-enshrouded tidal disruption event with a resolved radio jet in a galaxy merger. <i>Science</i> , 2018, 361, 482-485.	12.6	113
4	Variability Timescale and Spectral Index of Sgr A* in the Near Infrared: Approximate Bayesian Computation Analysis of the Variability of the Closest Supermassive Black Hole. <i>Astrophysical Journal</i> , 2018, 863, 15.	4.5	83
5	Diversity in extinction laws of Type Ia supernovae measured between 0.2 and 2 μm . <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3301-3329.	4.4	78
6	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	8.3	67
7	ALMA OBSERVATIONS OF WARM DENSE GAS IN NGC 1614 – BREAKING OF THE STAR FORMATION LAW IN THE CENTRAL KILOPARSEC. <i>Astrophysical Journal</i> , 2015, 799, 11.	4.5	49
8	A Hard X-Ray Test of HCN Enhancements As a Tracer of Embedded Black Hole Growth. <i>Astrophysical Journal</i> , 2020, 893, 149.	4.5	47
9	Calibration of ALMA as a Phased Array. ALMA Observations During the 2017 VLBI Campaign. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 075003.	3.1	42
10	ALCHEMI, an ALMA Comprehensive High-resolution Extragalactic Molecular Inventory. <i>Astronomy and Astrophysics</i> , 2021, 656, A46.	5.1	36
11	Rapid Variability of Sgr A* across the Electromagnetic Spectrum. <i>Astrophysical Journal</i> , 2021, 917, 73.	4.5	35
12	The nuclear starburst in Arp 299-A: from the 5.0 GHz VLBI radio light-curves to its core-collapse supernova rate. <i>Astronomy and Astrophysics</i> , 2012, 539, A134.	5.1	29
13	Star formation and AGN activity in a sample of local luminous infrared galaxies through multiwavelength characterization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1634-1651.	4.4	26
14	Evidence of nuclear disks in starburst galaxies from their radial distribution of supernovae. <i>Astronomy and Astrophysics</i> , 2012, 540, L5.	5.1	22
15	The nature of supernovae 2010O and 2010P in Arp 299 – I. Near-infrared and optical evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1052-1066.	4.4	21
16	First results from GeMS/GSAOI for project SUNBIRD: Supernovae UNmasked By Infra-Red Detection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5641-5657.	4.4	21
17	The nature of supernovae 2010O and 2010P in Arp 299 – II. Radio emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1067-1079.	4.4	20
18	Disclosing the properties of low-redshift dual AGN through XMM-Newton and SDSS spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 1639-1655.	4.4	19

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19	A MULTI-WAVELENGTH VIEW OF THE CENTRAL KILOPARSEC REGION IN THE LUMINOUS INFRARED GALAXY NGC 1614. <i>Astrophysical Journal</i> , 2014, 786, 156.	4.5	16
20	Sub-arcsec mid-IR observations of NGC 1614: Nuclear star formation or an intrinsically X-ray weak AGN?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 3679-3687.	4.4	12
21	Multiple AGN in the crowded field of the compact group SDSS J0959+1259. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 214-221.	4.4	8
22	Sub-arcsecond LOFAR imaging of Arp 299 at 150 MHz. <i>Astronomy and Astrophysics</i> , 2022, 658, A4.	5.1	7
23	No AGN evidence in NGC 1614 from deep radio VLBI observations. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 470, L112-L116.	3.3	5
24	Towards the prediction of molecular parameters from astronomical emission lines using Neural Networks. <i>Experimental Astronomy</i> , 2021, 52, 157-182.	3.7	3
25	Evidence of Nuclear Disks from the Radial Distribution of CCSNe in Starburst Galaxies. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2013, , 161-168.	0.3	0