Hugo G Messias

List of Publications by Year in descending order

47 papers	2,020 citations	279798 23 h-index	233421 45 g-index
47 all docs	47 docs citations	47 times ranked	2872 citing authors

#	Article	IF	Citations
1	The bright extragalactic ALMA redshift survey (BEARS) I: redshifts of bright gravitationally lensed galaxies from the Herschel ATLAS. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3017-3033.	4.4	14
2	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. Astrophysical Journal Letters, 2022, 930, L13.	8.3	142
3	Turbulent Gas in Lensed Planck-selected Starbursts at zÂâˆ¼Â1â€“3.5. Astrophysical Journal, 2021, 908, 95.	4.5	50
4	Close-up view of a luminous star-forming galaxy at z = 2.95. Astronomy and Astrophysics, 2021, 646, A122.	5.1	23
5	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. Astrophysical Journal Letters, 2021, 910, L14.	8.3	67
6	An ACA 1â€‰mm survey of HzRGs in the ELAIS-S1: survey description and first results. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5259-5278.	4.4	1
7	Tracing the Ionization Structure of the Shocked Filaments of NGC 6240. Astrophysical Journal, 2021, 923, 160.	4.5	2
8	Cosmic evolution of molecular gas mass density from an empirical relationship between L1.4 GHz and Lâ€²CO. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1760-1770.	4.4	3
9	NOEMA redshift measurements of bright Herschel galaxies. Astronomy and Astrophysics, 2020, 635, A7.	5.1	31
10	The Molecular Gas in the NGC 6240 Merging Galaxy System at the Highest Spatial Resolution. Astrophysical Journal, 2020, 890, 149.	4.5	20
11	The ALMA Frontier Fields Survey. Astronomy and Astrophysics, 2020, 633, A160.	5.1	10
12	GOODS-ALMA: Optically dark ALMA galaxies shed light on a cluster in formation at z = 3.5. Astronomy and Astrophysics, 2020, 642, A155.	5.1	24
13	A Spitzer survey of Deep Drilling Fields to be targeted by the Vera C. Rubin Observatory Legacy Survey of Space and Time. Monthly Notices of the Royal Astronomical Society, 2020, 501, 892-910.	4.4	19
14	Dying of the Light: An X-Ray Fading Cold Quasar at zÂâˆ¼Â0.405. Astrophysical Journal, 2020, 903, 106.	4.5	7
15	Calibration of ALMA as a Phased Array. ALMA Observations During the 2017 VLBI Campaign. Publications of the Astronomical Society of the Pacific, 2019, 131, 075003.	3.1	42
16	The molecular gas properties in the gravitationally lensed merger HATLASâ€‰J142935.3â€“002836. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2366-2378.	4.4	1
17	The first supermassive black holes: indications from models for future observations. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2694-2709.	4.4	29
18	VALES V: a kinematic analysis of the molecular gas content inH-ATLAS galaxies atzÂâˆ¼Â0.03â€“0.35 using ALMA. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1499-1524.	4.4	6

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19	How to Fuel an AGN: Mapping Circumnuclear Gas in NGC 6240 with ALMA. Astrophysical Journal Letters, 2019, 885, L21.	8.3	7
20	A SCUBA-2 selected Herschel-SPIRE dropout and the nature of this population. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5317-5334.	4.4	3
21	The ALMA Phasing System: A Beamforming Capability for Ultra-high-resolution Science at (Sub)Millimeter Wavelengths. Publications of the Astronomical Society of the Pacific, 2018, 130, 015002.	3.1	50
22	Optical, Near-IR, and Sub-mm IFU Observations of the Nearby Dual Active Galactic Nuclei MRK 463. Astrophysical Journal, 2018, 854, 83.	4.5	13
23	GOODS-ALMA: 1.1 mm galaxy survey. Astronomy and Astrophysics, 2018, 620, A152.	5.1	147
24	SOFIA/HAWC+ Detection of a Gravitationally Lensed Starburst Galaxy at zÂ=Â1.03. Astrophysical Journal, 2018, 864, 60.	4.5	2
25	The ALMA Frontier Fields Survey. Astronomy and Astrophysics, 2017, 597, A41.	5.1	54
26	Molecular gas, dust, and star formation in galaxies. Astronomy and Astrophysics, 2017, 602, A68.	5.1	26
27	The ALMA Frontier Fields Survey. Astronomy and Astrophysics, 2017, 604, A132.	5.1	23
28	MULTI-WAVELENGTH LENS RECONSTRUCTION OF A PLANCK AND HERSCHEL-DETECTED STAR-BURSTING GALAXY. Astrophysical Journal, 2016, 829, 21.	4.5	9
29	GRB 980425 host: [Câ€‰II], [Oâ€‰I], and CO lines reveal recent enhancement of star formation due to atomic gas inflow. Astronomy and Astrophysics, 2016, 595, A72.	5.1	29
30	WITNESSING THE BIRTH OF THE RED SEQUENCE: ALMA HIGH-RESOLUTION IMAGING OF AND DUST IN TWO INTERACTING ULTRA-RED STARBURSTS AT z = 4.425. Astrophysical Journal, 2016, 827, 34.	4.5	75
31	EXTINCTION AND NEBULAR LINE PROPERTIES OF AHERSCHEL-SELECTED LENSED DUSTY STARBURST ATz= 1.027. Astrophysical Journal, 2015, 805, 140.	4.5	8
32	Herschel-ATLAS and ALMA. Astronomy and Astrophysics, 2014, 568, A92.	5.1	33
33	LENS MODELS OFHERSCHEL-SELECTED GALAXIES FROM HIGH-RESOLUTION NEAR-IR OBSERVATIONS. Astrophysical Journal, 2014, 797, 138.	4.5	40
34	BULGELESS GALAXIES AT INTERMEDIATE REDSHIFT: SAMPLE SELECTION, COLOR PROPERTIES, AND THE EXISTENCE OF POWERFUL ACTIVE GALACTIC NUCLEI. Astrophysical Journal, 2014, 782, 22.	4.5	12
35	Investigating evidence for different black hole accretion modes since redshift zÂâˆ¼Â1. Monthly Notices of the Royal Astronomical Society, 2014, 440, 339-352.	4.4	31
36	The dependency of AGN infrared colour-selection on source luminosity and obscuration. Astronomy and Astrophysics, 2014, 562, A144.	5.1	12

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37	HOT-DUST (690 K) LUMINOSITY DENSITY AND ITS EVOLUTION IN THE LAST 7.5 GYR. Astrophysical Journal, 2013, 776, 117.	4.5	3
38	CLUSTERING PROPERTIES OF BzK-SELECTED GALAXIES IN GOODS-N: ENVIRONMENTAL QUENCHING AND TRIGGERING OF STAR FORMATION ATzâ^¼ 2. Astrophysical Journal, 2012, 756, 71.	4.5	65
39	REST-FRAME UV-OPTICALLY SELECTED GALAXIES AT 2.3 â‰²zâ‰² 3.5: SEARCHING FOR DUSTY STAR-FORMING AND PASSIVELY EVOLVING GALAXIES. Astrophysical Journal, 2012, 749, 149.	4.5	35
40	A NEW INFRARED COLOR CRITERION FOR THE SELECTION OF 0 <<i>z</i>< 7 AGNs: APPLICATION TO DEEP FIELDS AND IMPLICATIONS FOR<i>JWST</i>SURVEYS. Astrophysical Journal, 2012, 754, 120.	4.5	41
41	The Spitzer Extragalactic Representative Volume Survey (SERVS): Survey Deï¬nition and Goals*. Publications of the Astronomical Society of the Pacific, 2012, 124, 714-736.	3.1	135
42	HOW DO STAR-FORMING GALAXIES ATz> 3 ASSEMBLE THEIR MASSES?. Astrophysical Journal, 2012, 752, 66.	4.5	122
43	EMU: Evolutionary Map of the Universe. Publications of the Astronomical Society of Australia, 2011, 28, 215-248.	3.4	312
44	DISSECTING PHOTOMETRIC REDSHIFT FOR ACTIVE GALACTIC NUCLEUS USINGXMM-ANDCHANDRA-COSMOS SAMPLES. Astrophysical Journal, 2011, 742, 61.	4.5	205
45	ULTRA STEEP SPECTRUM RADIO SOURCES IN THE LOCKMAN HOLE:SERVSIDENTIFICATIONS AND REDSHIFT DISTRIBUTION AT THE FAINTEST RADIO FLUXES. Astrophysical Journal, 2011, 743, 122.	4.5	22
46	Witnessing a Link Between Starburst and AGN Activities at 2 < z < 4?. Thirty Years of Astronomical Discovery With UKIRT, 2011, , 185-187.	0.3	0
47	A MULTI-WAVELENGTH APPROACH TO THE PROPERTIES OF EXTREMELY RED GALAXY POPULATIONS. I. CONTRIBUTION TO THE STAR FORMATION RATE DENSITY AND ACTIVE GALACTIC NUCLEUS CONTENT. Astrophysical Journal, 2010, 719, 790-802.	4.5	15