Helena DomÃ-nguez SÃ¡nchez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6708465/publications.pdf

Version: 2024-02-01

61 papers	4,463 citations	136950 32 h-index	118850 62 g-index
62 all docs	62 docs citations	62 times ranked	3921 citing authors

#	Article	IF	Citations
1	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. Astrophysical Journal, Supplement Series, 2022, 259, 35.	7.7	405
2	From Naked Spheroids to Disky Galaxies: How Do Massive Disk Galaxies Shape Their Morphology?. Astrophysical Journal, 2022, 929, 121.	4.5	18
3	Emission line galaxies in the SHARDS Frontier Fields â€“ I. Candidate selection and the discovery of bursty HÎ± emitters. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3860-3876.	4.4	6
4	Size, shade, or shape? The contribution of galaxies of different types to the star formation history of the Universe from SDSS-IVÂMaNGA. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3128-3143.	4.4	5
5	Pushing automated morphological classifications to their limits with the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1927-1943.	4.4	33
6	A Duality in the Origin of Bulges and Spheroidal Galaxies. Astrophysical Journal, 2021, 913, 125.	4.5	25
7	SDSS-IV DR17: final release of MaNGA PyMorph photometric and deep-learning morphological catalogues. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4024-4036.	4.4	37
8	SDSS-IV MaNGA: drivers of stellar metallicity in nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4844-4857.	4.4	12
9	Capturing the Physics of MaNGA Galaxies with Self-supervised Machine Learning. Astrophysical Journal, 2021, 921, 177.	4.5	10
10	Differential attenuation in star-forming galaxies at 0.3 â‰² z â‰² 1.5 in the SHARDS/CANDELS field. Monthly Notices of the Royal Astronomical Society, 2021, 510, 2061-2083.	4.4	8
11	The stellar mass Fundamental Plane: the virial relation and a very thin plane for slow rotators. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5148-5160.	4.4	14
12	Galaxy properties as revealed by MaNGA â€“ III. Kinematic profiles and stellar population gradients in S0s. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2894-2908.	4.4	23
13	Hidden AGNs in Dwarf Galaxies Revealed by MaNGA: Light Echoes, Off-nuclear Wanderers, and a New Broad-line AGN. Astrophysical Journal Letters, 2020, 898, L30.	8.3	64
14	On the Presence of a Universal Acceleration Scale in Elliptical Galaxies. Astrophysical Journal Letters, 2020, 903, L31.	8.3	20
15	A deeper look at the dust attenuation law of star-forming galaxies at high redshift. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2301-2311.	4.4	7
16	The CANDELS/SHARDS Multiwavelength Catalog in GOODS-N: Photometry, Photometric Redshifts, Stellar Masses, Emission-line Fluxes, and Star Formation Rates. Astrophysical Journal, Supplement Series, 2019, 243, 22.	7.7	111
17	Galaxy properties as revealed by MaNGA â€“ I. Constraints on IMF and M*/L gradients in ellipticals. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5612-5632.	4.4	38
18	Galaxy properties as revealed by MaNGA â€“ II. Differences in stellar populations of slow and fast rotator ellipticals and dependence on environment. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5633-5652.	4.4	29

#	Article	IF	Citations
19	The Hubble Sequence at z âˆ¼ 0 in the IllustrisTNG simulation with deep learning. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1859-1879.	4.4	51
20	Transfer learning for galaxy morphology from one survey to another. Monthly Notices of the Royal Astronomical Society, 2019, 484, 93-100.	4.4	58
21	Optically Faint Massive Balmer Break Galaxies at zÂ>Â3 in the CANDELS/GOODS Fields. Astrophysical Journal, 2019, 876, 135.	4.5	37
22	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. Astrophysical Journal, Supplement Series, 2019, 240, 23.	7.7	299
23	SDSS-IV MaNGA PyMorph Photometric and Deep Learning Morphological Catalogues and implications for bulge properties and stellar angular momentum. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2057-2077.	4.4	69
24	Deep learning for galaxy surface brightness profile fitting. Monthly Notices of the Royal Astronomical Society, 2018, 475, 894-909.	4.4	63
25	Improving galaxy morphologies for SDSS with Deep Learning. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3661-3676.	4.4	234
26	A simultaneous search for high-z LAEs and LBGs in the SHARDS survey. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3740-3755.	4.4	25
27	M*/L gradients driven by IMF variation: large impact on dynamical stellar mass estimates. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2560-2571.	4.4	23
28	Stellar mass functions and implications for a variable IMF. Monthly Notices of the Royal Astronomical Society, 2018, 475, 757-771.	4.4	20
29	A catalog of polychromatic bulge-disc decompositions of âˆ¼17.600 galaxies in CANDELS. Monthly Notices of the Royal Astronomical Society, 2018, 478, 5410-5426.	4.4	49
30	Deep Learning Identifies High-z Galaxies in a Central Blue Nugget Phase in a Characteristic Mass Range. Astrophysical Journal, 2018, 858, 114.	4.5	70
31	shards: constraints on the dust attenuation law of star-forming galaxies at z âˆ¼ 2. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2363-2374.	4.4	25
32	SHARDS Frontier Fields: Physical Properties of a Low-mass LyÎ± Emitter at zÂ=Â5.75. Astrophysical Journal, 2017, 849, 82.	4.5	11
33	Pathways to quiescence: SHARDS view on the star formation histories of massive quiescent galaxies at 1.0Â<<i>z</i>Â<Â1.5. Monthly Notices of the Royal Astronomical Society, 2016, 457, 3743-3768.	4.4	35
34	SHARDS: A GLOBAL VIEW OF THE STAR FORMATION ACTIVITY ATzâˆ¼ 0.84 andzâˆ¼ 1.23. Astrophysical Journal, 2015, 812, 155.	4.5	16
35	THE STELLAR INITIAL MASS FUNCTION AT 0.9 < z < 1.5. Astrophysical Journal Letters, 2015, 798, L4.	8.3	23
36	GLACE survey: OSIRIS/GTC tuneable filter HÎ±imaging of the rich galaxy cluster ZwClâ€‰0024.0+1652 atzâ€‰=â€‰0.395. Astronomy and Astrophysics, 2015, 578, A30.	5.1	10

#	Article	IF	Citations
37	Herschel far-IR counterparts of SDSS galaxies: analysis of commonly used star formation rate estimates. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2-23.	4.4	20
38	A multiwavelength consensus on the main sequence of star-forming galaxies at zÂâˆ¼Â2. Monthly Notices of the Royal Astronomical Society, 2014, 443, 19-30.	4.4	104
39	The ultraviolet to far-infrared spectral energy distribution of star-forming galaxies in the redshift desert. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1337-1363.	4.4	16
40	The Herschelâ˜… PEP/HerMES luminosity function â€“ I. Probing the evolution of PACS selected Galaxies to z â‰ƒ 4. Monthly Notices of the Royal Astronomical Society, 2013, 432, 23-52.	4.4	341
41	Serendipitous detection of an overdensity of Herschel-SPIRE 250â€‰Î¼m sources south of MRCÂ1138âˆ’26â˜…. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2505-2514.	4.4	14
42	Far-infrared-detected Lyman-break galaxies atz~ 3. Astronomy and Astrophysics, 2013, 554, L3.	5.1	34
43	Multi-wavelength landscape of the young galaxy cluster RX J1257.2+4738 atz= 0.866. Astronomy and Astrophysics, 2013, 558, A100.	5.1	17
44	Comparison of star formation rates from HÎ± and infrared luminosity as seen byHerschel. Monthly Notices of the Royal Astronomical Society, 2012, 426, 330-341.	4.4	25
45	PACS Evolutionary Probe (PEP) â€“ AHerschelkey program. Astronomy and Astrophysics, 2011, 532, A90.	5.1	407
46	The effect of environment on star forming galaxies at redshift. Astronomy and Astrophysics, 2011, 532, A145.	5.1	45
47	The evolution of quiescent galaxies at high redshifts (zâ‰¥ 1.4). Monthly Notices of the Royal Astronomical Society, 2011, 417, 900-915.	4.4	55
48	The far-infrared/radio correlation as probed byHerschel. Astronomy and Astrophysics, 2010, 518, L31.	5.1	190
49	PEP: FirstHerschelprobe of dusty galaxy evolution up to z ~ 3. Astronomy and Astrophysics, 2010, 518, L27.	5.1	65
50	The firstHerschelview of the mass-SFR link in high-zgalaxies. Astronomy and Astrophysics, 2010, 518, L25.	5.1	222
51	Herschelunveils a puzzling uniformity of distant dusty galaxies. Astronomy and Astrophysics, 2010, 518, L29.	5.1	182
52	A FIRST GLIMPSE INTO THE FAR-IR PROPERTIES OF HIGH- z UV-SELECTED GALAXIES: HERSCHEL /PACS OBSERVATIONS OF z âˆ¼ 3 LBGS. Astrophysical Journal Letters, 2010, 720, L185-L189.	8.3	36
53	UNVEILING FAR-INFRARED COUNTERPARTS OF BRIGHT SUBMILLIMETER GALAXIES USING PACS IMAGING. Astrophysical Journal Letters, 2010, 720, L144-L148.	8.3	15
54	Evolution of dust temperature of galaxies through cosmic time as seen by Herschelâ˜…. Monthly Notices of the Royal Astronomical Society, 2010, 409, 75-82.	4.4	145

#	Article	IF	Citations
55	Far-infrared properties of submillimeter and optically faint radio galaxies. Astronomy and Astrophysics, 2010, 518, L28.	5.1	75
56	The dust content of high-zsubmillimeter galaxies revealed byHerschel. Astronomy and Astrophysics, 2010, 518, L154.	5.1	74
57	Dissecting the cosmic infra-red background withHerschel/PEP. Astronomy and Astrophysics, 2010, 518, L30.	5.1	106
58	HerschelFIR counterparts of selected LyÎ±emitters atz~ 2.2. Astronomy and Astrophysics, 2010, 519, L4.	5.1	16
59	Star formation in AGN hosts in GOODS-N. Astronomy and Astrophysics, 2010, 518, L26.	5.1	149
60	The star-formation rates of 1.5 < z < 2.5 massive galaxies. Astronomy and Astrophysics, 2010, 518, L24.	5.1	99
61	Herscheldeep far-infrared counts through AbellÂ2218 cluster-lens. Astronomy and Astrophysics, 2010, 518, L17.	5.1	19