Marla Geha

List of Publications by Year
in descending order

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Version: 2024-02-01

50 papers	6,254 citations	147566 31 h-index	205818 48 g-index
50 all docs	50 docs citations	50 times ranked	5888 citing authors

#	Article	IF	Citations
1	LSST: From Science Drivers to Reference Design and Anticipated Data Products. Astrophysical Journal, 2019, 873, 111.	1.6	1,744
2	The Kinematics of the Ultraâ€faint Milky Way Satellites: Solving the Missing Satellite Problem. Astrophysical Journal, 2007, 670, 313-331.	1.6	767
3	FORTY-SEVEN MILKY WAY-SIZED, EXTREMELY DIFFUSE GALAXIES IN THE COMA CLUSTER. Astrophysical Journal Letters, 2015, 798, L45.	3.0	386
4	DWARF GALAXIES WITH OPTICAL SIGNATURES OF ACTIVE MASSIVE BLACK HOLES. Astrophysical Journal, 2013, 775, 116.	1.6	362
5	THE QUENCHING OF THE ULTRA-FAINT DWARF GALAXIES IN THE REIONIZATION ERA. Astrophysical Journal, 2014, 796, 91.	1.6	265
6	A COMPLETE SPECTROSCOPIC SURVEY OF THE MILKY WAY SATELLITE SEGUE 1: THE DARKEST GALAXY. Astrophysical Journal, 2011, 733, 46.	1.6	244
7	BREATHING FIRE: HOW STELLAR FEEDBACK DRIVES RADIAL MIGRATION, RAPID SIZE FLUCTUATIONS, AND POPULATION GRADIENTS IN LOW-MASS GALAXIES. Astrophysical Journal, 2016, 820, 131.	1.6	205
8	THE LEAST-LUMINOUS GALAXY: SPECTROSCOPY OF THE MILKY WAY SATELLITE SEGUE 1. Astrophysical Journal, 2009, 692, 1464-1475.	1.6	186
9	The SAGA Survey. I. Satellite Galaxy Populations around Eight Milky Way Analogs. Astrophysical Journal, 2017, 847, 4.	1.6	165
10	THE STELLAR INITIAL MASS FUNCTION OF ULTRA-FAINT DWARF GALAXIES: EVIDENCE FOR IMF VARIATIONS WITH GALACTIC ENVIRONMENT. Astrophysical Journal, 2013, 771, 29.	1.6	158
11	SEGUE 2: THE LEAST MASSIVE GALAXY. Astrophysical Journal, 2013, 770, 16.	1.6	120
12	A MegaCam Survey of Outer Halo Satellites. III. Photometric and Structural Parameters* ^{â€}. Astrophysical Journal, 2018, 860, 66.	1.6	119
13	WILLMAN 1â€”A PROBABLE DWARF GALAXY WITH AN IRREGULAR KINEMATIC DISTRIBUTION. Astronomical Journal, 2011, 142, 128.	1.9	118
14	THE PRIMEVAL POPULATIONS OF THE ULTRA-FAINT DWARF GALAXIES. Astrophysical Journal Letters, 2012, 753, L21.	3.0	115
15	The SAGA Survey. II. Building a Statistical Sample of Satellite Systems around Milky Wayâ€“like Galaxies. Astrophysical Journal, 2021, 907, 85.	1.6	115
16	TURNING THE TIDES ON THE ULTRA-FAINT DWARF SPHEROIDAL GALAXIES: COMA BERENICES AND URSA MAJOR II. Astronomical Journal, 2010, 140, 138-151.	1.9	92
17	Identifying AGNs in Low-mass Galaxies via Long-term Optical Variability. Astrophysical Journal, 2018, 868, 152.	1.6	77
18	MULTI-EPOCH SPECTROSCOPY OF DWARF GALAXIES WITH AGN SIGNATURES: IDENTIFYING SOURCES WITH PERSISTENT BROAD HÎ± EMISSION. Astrophysical Journal, 2016, 829, 57.	1.6	75

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19	MILKY WAY MASS AND POTENTIAL RECOVERY USING TIDAL STREAMS IN A REALISTIC HALO. Astrophysical Journal, 2014, 795, 94.	1.6	70
20	NGC 2419-ANOTHER REMNANT OF ACCRETION BY THE MILKY WAY. Astrophysical Journal, 2010, 725, 288-295.	1.6	67
21	Pristine dwarf galaxy survey â€“ I. A detailed photometric and spectroscopic study of the very metal-poor Draco II satellite. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2609-2627.	1.6	60
22	A Search for Optical AGN Variability in 35,000 Low-mass Galaxies with the Palomar Transient Factory. Astrophysical Journal, 2020, 896, 10.	1.6	59
23	Indirect dark matter detection limits from the ultrafaint Milky Way satellite Segue 1. Physical Review D, 2010, 82, .	1.6	51
24	Populating the Low-mass End of the M_{BH}â€“ Relation. Astrophysical Journal Letters, 2020, 898, L3.	3.0	48
25	SEGUE 3: AN OLD, EXTREMELY LOW LUMINOSITY STAR CLUSTER IN THE MILKY WAY's HALO. Astronomical Journal, 2011, 142, 88.	1.9	45
26	Evidence of a Non-universal Stellar Initial Mass Function. Insights from HST Optical Imaging of Six Ultra-faint Dwarf Milky Way Satellites^{âˆ—}. Astrophysical Journal, 2018, 855, 20.	1.6	45
27	Variations in the Width, Density, and Direction of the Palomar 5 Tidal Tails. Astrophysical Journal, 2020, 889, 70.	1.6	41
28	PORTRAIT OF A DARK HORSE: A PHOTOMETRIC AND SPECTROSCOPIC STUDY OF THE ULTRA-FAINT MILKY WAY SATELLITE PEGASUS III*. Astrophysical Journal, 2016, 833, 16.	1.6	39
29	Gas kinematics in FIRE simulated galaxies compared to spatially unresolved Hâ€‰i observations. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1536-1548.	1.6	37
30	The Effect of AGNs on the Global H i Content of Isolated Low-mass Galaxies. Astrophysical Journal, 2018, 861, 50.	1.6	37
31	AGN All the Way Down? AGN-like Line Ratios Are Common in the Lowest-mass Isolated Quiescent Galaxies. Astrophysical Journal, 2019, 884, 180.	1.6	37
32	Multiple chemodynamic stellar populations of the UrsaÂMinor dwarf spheroidal galaxy. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3022-3040.	1.6	31
33	A MEGACAM SURVEY OF OUTER HALO SATELLITES. II. BLUE STRAGGLERS IN THE LOWEST STELLAR DENSITY SYSTEMS. Astrophysical Journal, 2013, 774, 106.	1.6	30
34	Eridanus II: A Fossil from Reionization with an Off-center Star Cluster. Astrophysical Journal, 2021, 908, 18.	1.6	30
35	HST Proper Motions of NGC 147 and NGC 185: Orbital Histories and Tests of a Dynamically Coherent Andromeda Satellite Plane. Astrophysical Journal, 2020, 901, 43.	1.6	30
36	MEASURING SIZES OF ULTRA-FAINT DWARF GALAXIES. Astrophysical Journal, 2012, 745, 127.	1.6	26

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37	Star Formation Histories of Ultra-faint Dwarf Galaxies: Environmental Differences between Magellanic and Non-Magellanic Satellites?*. Astrophysical Journal Letters, 2021, 920, L19.	3.0	24
38	IQ-Collaboratory 1.1: The Star-forming Sequence of Simulated Central Galaxies. Astrophysical Journal, 2019, 872, 160.	1.6	23
39	A MegaCam Survey of Outer Halo Satellites. I. Description of the Survey* ^{â€}. Astrophysical Journal, 2018, 860, 65.	1.6	20
40	IQ Collaboratory. II. The Quiescent Fraction of Isolated, Low-mass Galaxies across Simulations and Observations. Astrophysical Journal, 2021, 915, 53.	1.6	19
41	The Initial Mass Function in the Coma Berenices Dwarf Galaxy from Deep Near-infrared HST Observations. Astrophysical Journal, 2018, 863, 38.	1.6	17
42	A MEGACAM SURVEY OF OUTER HALO SATELLITES. VI. THE SPATIALLY RESOLVED STAR-FORMATION HISTORY OF THE CARINA DWARF SPHEROIDAL GALAXY*. Astrophysical Journal, 2016, 829, 86.	1.6	14
43	Extending the SAGA Survey (xSAGA). I. Satellite Radial Profiles as a Function of Host-galaxy Properties. Astrophysical Journal, 2022, 927, 121.	1.6	11
44	A MEGACAM SURVEY OF OUTER HALO SATELLITES. IV. TWO FOREGROUND POPULATIONS POSSIBLY ASSOCIATED WITH THE MONOCEROS SUBSTRUCTURE IN THE DIRECTION OF NGC 2419 AND KOPOSOV 2. Astrophysical Journal, 2015, 805, 51.	1.6	9
45	A MegaCam Survey of Outer Halo Satellites. VII. A Single SÃ©rsic Index versus Effective Radius Relation for Milky Way Outer Halo Satellites* â€. Astrophysical Journal, 2019, 874, 29.	1.6	9
46	The Diverse Morphologies and Structures of Dwarf Galaxies Hosting Optically Selected Active Massive Black Holes. Astrophysical Journal, 2021, 911, 134.	1.6	6
47	Structural Parameters and Possible Association of the Ultra-faint Dwarfs Pegasus III and Pisces II from Deep Hubble Space Telescope Photometry. Astrophysical Journal, 2022, 933, 217.	1.6	5
48	Gone with the wind?. Nature, 2010, 463, 167-168.	13.7	1
49	Extremely metal-poor stars in dwarf galaxies. Proceedings of the International Astronomical Union, 2009, 5, 237-240.	0.0	0
50	Mapping the tidally disrupting Andromeda XXVII and its stellar stream. Proceedings of the International Astronomical Union, 2016, 11, 46-47.	0.0	0