

Marla Geha

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

4,263
citations

27
h-index

50
g-index

50
ext. papers

5,190
ext. citations

5.6
avg. IF

5.54
L-index

#	Paper	IF	Citations
49	Extending the SAGA Survey (xSAGA). I. Satellite Radial Profiles as a Function of Host-galaxy Properties. <i>Astrophysical Journal</i> , 2022 , 927, 121	4.7	0
48	Star Formation Histories of Ultra-faint Dwarf Galaxies: Environmental Differences between Magellanic and Non-Magellanic Satellites?*. <i>Astrophysical Journal Letters</i> , 2021 , 920, L19	7.9	5
47	The Diverse Morphologies and Structures of Dwarf Galaxies Hosting Optically Selected Active Massive Black Holes. <i>Astrophysical Journal</i> , 2021 , 911, 134	4.7	4
46	The SAGA Survey. II. Building a Statistical Sample of Satellite Systems around Milky Way-like Galaxies. <i>Astrophysical Journal</i> , 2021 , 907, 85	4.7	40
45	Eridanus II: A Fossil from Reionization with an Off-center Star Cluster. <i>Astrophysical Journal</i> , 2021 , 908, 18	4.7	12
44	IQ Collaboratory. II. The Quiescent Fraction of Isolated, Low-mass Galaxies across Simulations and Observations. <i>Astrophysical Journal</i> , 2021 , 915, 53	4.7	4
43	A Search for Optical AGN Variability in 35,000 Low-mass Galaxies with the Palomar Transient Factory. <i>Astrophysical Journal</i> , 2020 , 896, 10	4.7	29
42	Variations in the Width, Density, and Direction of the Palomar 5 Tidal Tails. <i>Astrophysical Journal</i> , 2020 , 889, 70	4.7	17
41	Multiple chemodynamic stellar populations of the Ursa Minor dwarf spheroidal galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 3022-3040	4.3	13
40	HST Proper Motions of NGC 147 and NGC 185: Orbital Histories and Tests of a Dynamically Coherent Andromeda Satellite Plane. <i>Astrophysical Journal</i> , 2020 , 901, 43	4.7	14
39	Populating the Low-mass End of the $M_{BH} - \sigma$ Relation. <i>Astrophysical Journal Letters</i> , 2020 , 898, L3	7.9	22
38	A MegaCam Survey of Outer Halo Satellites. VII. A Single Sérsic Index versus Effective Radius Relation for Milky Way Outer Halo Satellites. <i>Astrophysical Journal</i> , 2019 , 874, 29	4.7	8
37	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , 2019 , 873, 111	4.7	814
36	IQ-Collaboratory 1.1: The Star-forming Sequence of Simulated Central Galaxies. <i>Astrophysical Journal</i> , 2019 , 872, 160	4.7	15
35	AGN All the Way Down? AGN-like Line Ratios Are Common in the Lowest-mass Isolated Quiescent Galaxies. <i>Astrophysical Journal</i> , 2019 , 884, 180	4.7	25
34	Evidence of a Non-universal Stellar Initial Mass Function. Insights from HST Optical Imaging of Six Ultra-faint Dwarf Milky Way Satellites. <i>Astrophysical Journal</i> , 2018 , 855, 20	4.7	31
33	A MegaCam Survey of Outer Halo Satellites. III. Photometric and Structural Parameters. <i>Astrophysical Journal</i> , 2018 , 860, 66	4.7	73

32	A MegaCam Survey of Outer Halo Satellites. I. Description of the Survey. <i>Astrophysical Journal</i> , 2018 , 860, 65	4-7	15
31	The Effect of AGNs on the Global H I Content of Isolated Low-mass Galaxies. <i>Astrophysical Journal</i> , 2018 , 861, 50	4-7	23
30	The Initial Mass Function in the Coma Berenices Dwarf Galaxy from Deep Near-infrared HST Observations. <i>Astrophysical Journal</i> , 2018 , 863, 38	4-7	9
29	Identifying AGNs in Low-mass Galaxies via Long-term Optical Variability. <i>Astrophysical Journal</i> , 2018 , 868, 152	4-7	48
28	Pristine dwarf galaxy survey II. A detailed photometric and spectroscopic study of the very metal-poor Draco II satellite. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 2609-2627	4-3	38
27	Gas kinematics in FIRE simulated galaxies compared to spatially unresolved HI observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 1536-1548	4-3	23
26	The SAGA Survey. I. Satellite Galaxy Populations around Eight Milky Way Analogs. <i>Astrophysical Journal</i> , 2017 , 847, 4	4-7	109
25	MULTI-EPOCH SPECTROSCOPY OF DWARF GALAXIES WITH AGN SIGNATURES: IDENTIFYING SOURCES WITH PERSISTENT BROAD H β EMISSION. <i>Astrophysical Journal</i> , 2016 , 829, 57	4-7	55
24	A MEGACAM SURVEY OF OUTER HALO SATELLITES. VI. THE SPATIALLY RESOLVED STAR-FORMATION HISTORY OF THE CARINA DWARF SPHEROIDAL GALAXY. <i>Astrophysical Journal</i> , 2016 , 829, 86	4-7	13
23	BREATHING FIRE: HOW STELLAR FEEDBACK DRIVES RADIAL MIGRATION, RAPID SIZE FLUCTUATIONS, AND POPULATION GRADIENTS IN LOW-MASS GALAXIES. <i>Astrophysical Journal</i> , 2016 , 820, 131	4-7	156
22	PORTRAIT OF A DARK HORSE: A PHOTOMETRIC AND SPECTROSCOPIC STUDY OF THE ULTRA-FAINT MILKY WAY SATELLITE PEGASUS III. <i>Astrophysical Journal</i> , 2016 , 833, 16	4-7	29
21	Mapping the tidally disrupting Andromeda XXVII and its stellar stream. <i>Proceedings of the International Astronomical Union</i> , 2016 , 11, 46-47	0-1	
20	FORTY-SEVEN MILKY WAY-SIZED, EXTREMELY DIFFUSE GALAXIES IN THE COMA CLUSTER. <i>Astrophysical Journal Letters</i> , 2015 , 798, L45	7-9	300
19	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. <i>Astrophysical Journal</i> , 2015 , 805, 51	4-7	8
18	MILKY WAY MASS AND POTENTIAL RECOVERY USING TIDAL STREAMS IN A REALISTIC HALO. <i>Astrophysical Journal</i> , 2014 , 795, 94	4-7	54
17	THE QUENCHING OF THE ULTRA-FAINT DWARF GALAXIES IN THE REIONIZATION ERA. <i>Astrophysical Journal</i> , 2014 , 796, 91	4-7	206
16	DWARF GALAXIES WITH OPTICAL SIGNATURES OF ACTIVE MASSIVE BLACK HOLES. <i>Astrophysical Journal</i> , 2013 , 775, 116	4-7	265
15	SEGUE 2: THE LEAST MASSIVE GALAXY. <i>Astrophysical Journal</i> , 2013 , 770, 16	4-7	99

14	A MEGACAM SURVEY OF OUTER HALO SATELLITES. II. BLUE STRAGGLERS IN THE LOWEST STELLAR DENSITY SYSTEMS. <i>Astrophysical Journal</i> , 2013 , 774, 106	4.7	27
13	THE STELLAR INITIAL MASS FUNCTION OF ULTRA-FAINT DWARF GALAXIES: EVIDENCE FOR IMF VARIATIONS WITH GALACTIC ENVIRONMENT. <i>Astrophysical Journal</i> , 2013 , 771, 29	4.7	135
12	THE PRIMEVAL POPULATIONS OF THE ULTRA-FAINT DWARF GALAXIES. <i>Astrophysical Journal Letters</i> , 2012 , 753, L21	7.9	98
11	MEASURING SIZES OF ULTRA-FAINT DWARF GALAXIES. <i>Astrophysical Journal</i> , 2012 , 745, 127	4.7	21
10	A COMPLETE SPECTROSCOPIC SURVEY OF THE MILKY WAY SATELLITE SEGUE 1: THE DARKEST GALAXY. <i>Astrophysical Journal</i> , 2011 , 733, 46	4.7	215
9	SEGUE 3: AN OLD, EXTREMELY LOW LUMINOSITY STAR CLUSTER IN THE MILKY WAY'S HALO. <i>Astronomical Journal</i> , 2011 , 142, 88	4.9	39
8	WILLMAN 1A PROBABLE DWARF GALAXY WITH AN IRREGULAR KINEMATIC DISTRIBUTION. <i>Astronomical Journal</i> , 2011 , 142, 128	4.9	94
7	Galaxy formation: Gone with the wind?. <i>Nature</i> , 2010 , 463, 167-8	50.4	1
6	TURNING THE TIDES ON THE ULTRA-FAINT DWARF SPHEROIDAL GALAXIES: COMA BERENICES AND URSA MAJOR II. <i>Astronomical Journal</i> , 2010 , 140, 138-151	4.9	87
5	Indirect dark matter detection limits from the ultrafaint Milky Way satellite Segue 1. <i>Physical Review D</i> , 2010 , 82,	4.9	46
4	NGC 2419-ANOTHER REMNANT OF ACCRETION BY THE MILKY WAY. <i>Astrophysical Journal</i> , 2010 , 725, 288-295	4.7	67
3	THE LEAST-LUMINOUS GALAXY: SPECTROSCOPY OF THE MILKY WAY SATELLITE SEGUE 1. <i>Astrophysical Journal</i> , 2009 , 692, 1464-1475	4.7	172
2	Extremely metal-poor stars in dwarf galaxies. <i>Proceedings of the International Astronomical Union</i> , 2009 , 5, 237-240	0.1	
1	The Kinematics of the Ultra-faint Milky Way Satellites: Solving the Missing Satellite Problem. <i>Astrophysical Journal</i> , 2007 , 670, 313-331	4.7	683