

Simona Mei

List of Publications by Year in descending order

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53
papers

6,313
citations

109321

35
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161849

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all docs

54
docs citations

54
times ranked

3755
citing authors

#	ARTICLE	IF	CITATIONS
1	The ACS Virgo Cluster Survey. XIII. SBF Distance Catalog and the Three-dimensional Structure of the Virgo Cluster. <i>Astrophysical Journal</i> , 2007, 655, 144-162.	4.5	550
2	The ACS Virgo Cluster Survey. VI. Isophotal Analysis and the Structure of Early-type Galaxies. <i>Astrophysical Journal</i> , Supplement Series, 2006, 164, 334-434.	7.7	484
3	The ACS Virgo Cluster Survey. VIII. The Nuclei of Early-type Galaxies. <i>Astrophysical Journal</i> , Supplement Series, 2006, 165, 57-94.	7.7	435
4	THE ACS FORNAX CLUSTER SURVEY. V. MEASUREMENT AND RECALIBRATION OF SURFACE BRIGHTNESS FLUCTUATIONS AND A PRECISE VALUE OF THE FORNAX-VIRGO RELATIVE DISTANCE. <i>Astrophysical Journal</i> , 2009, 694, 556-572.	4.5	403
5	The ACS Virgo Cluster Survey. IX. The Color Distributions of Globular Cluster Systems in Early-type Galaxies. <i>Astrophysical Journal</i> , 2006, 639, 95-119.	4.5	356
6	A Fundamental Relation between Compact Stellar Nuclei, Supermassive Black Holes, and Their Host Galaxies. <i>Astrophysical Journal</i> , 2006, 644, L21-L24.	4.5	308
7	THE NEXT GENERATION VIRGO CLUSTER SURVEY (NGVS). I. INTRODUCTION TO THE SURVEY*. <i>Astrophysical Journal</i> , Supplement Series, 2012, 200, 4.	7.7	306
8	The ACS Virgo Cluster Survey. I. Introduction to the Survey. <i>Astrophysical Journal</i> , Supplement Series, 2004, 153, 223-242.	7.7	263
9	The ACS Virgo Cluster Survey. XV. The Formation Efficiencies of Globular Clusters in Early-type Galaxies: The Effects of Mass and Environment. <i>Astrophysical Journal</i> , 2008, 681, 197-224.	4.5	258
10	The ACS Virgo Cluster Survey. XII. The Luminosity Function of Globular Clusters in Early-type Galaxies. <i>Astrophysical Journal</i> , Supplement Series, 2007, 171, 101-145.	7.7	256
11	The ACS Virgo Cluster Survey. VII. Resolving the Connection between Globular Clusters and Ultracompact Dwarf Galaxies. <i>Astrophysical Journal</i> , 2005, 627, 203-223.	4.5	237
12	The ACS Virgo Cluster Survey. X. Half-light Radii of Globular Clusters in Early-type Galaxies: Environmental Dependencies and a Standard Ruler for Distance Estimation. <i>Astrophysical Journal</i> , 2005, 634, 1002-1019.	4.5	224
13	EVOLUTION OF THE COLOR-MAGNITUDE RELATION IN GALAXY CLUSTERS AT $z < 1$ FROM THE ACS INTERMEDIATE REDSHIFT CLUSTER SURVEY. <i>Astrophysical Journal</i> , 2009, 690, 42-68.	4.5	163
14	THE ACS VIRGO CLUSTER SURVEY XVI. SELECTION PROCEDURE AND CATALOGS OF GLOBULAR CLUSTER CANDIDATES. <i>Astrophysical Journal</i> , Supplement Series, 2009, 180, 54-66.	7.7	139
15	THE ACS FORNAX CLUSTER SURVEY. VIII. THE LUMINOSITY FUNCTION OF GLOBULAR CLUSTERS IN VIRGO AND FORNAX EARLY-TYPE GALAXIES AND ITS USE AS A DISTANCE INDICATOR. <i>Astrophysical Journal</i> , 2010, 717, 603-616.	4.5	132
16	Size evolution of spheroids in a hierarchical Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 109-128.	4.4	120
17	GALAXIES IN X-RAY GROUPS. II. A WEAK LENSING STUDY OF HALO CENTERING. <i>Astrophysical Journal</i> , 2012, 757, 2.	4.5	118
18	GALAXIES IN X-RAY GROUPS. I. ROBUST MEMBERSHIP ASSIGNMENT AND THE IMPACT OF GROUP ENVIRONMENTS ON QUENCHING. <i>Astrophysical Journal</i> , 2011, 742, 125.	4.5	118

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19	THE ACS FORNAX CLUSTER SURVEY. VI. THE NUCLEI OF EARLY-TYPE GALAXIES IN THE FORNAX CLUSTER. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 5.	7.7	114
20	The ACS Fornax Cluster Survey. II. The Central Brightness Profiles of Early-Type Galaxies: A Characteristic Radius on Nuclear Scales and the Transition from Central Luminosity Deficit to Excess. <i>Astrophysical Journal</i> , 2007, 671, 1456-1465.	4.5	107
21	THE NEXT GENERATION VIRGO CLUSTER SURVEY. VIII. THE SPATIAL DISTRIBUTION OF GLOBULAR CLUSTERS IN THE VIRGO CLUSTER. <i>Astrophysical Journal</i> , 2014, 794, 103.	4.5	104
22	The ACS Virgo Cluster Survey. XIV. Analysis of Color-Magnitude Relations in Globular Cluster Systems. <i>Astrophysical Journal</i> , 2006, 653, 193-206.	4.5	98
23	The ACS Virgo Cluster Survey. XI. The Nature of Diffuse Star Clusters in Early-Type Galaxies. <i>Astrophysical Journal</i> , 2006, 639, 838-857.	4.5	92
24	The Next Generation Virgo Cluster Survey. XXIII. Fundamentals of Nuclear Star Clusters over Seven Decades in Galaxy Mass. <i>Astrophysical Journal</i> , 2019, 878, 18.	4.5	83
25	The ACS Virgo Cluster Survey. II. Data Reduction Procedures. <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 509-517.	7.7	79
26	THE NEXT GENERATION VIRGO CLUSTER SURVEY-INFRA-RED (NGVS-IR). I. A NEW NEAR-ULTRAVIOLET, OPTICAL, AND NEAR-INFRARED GLOBULAR CLUSTER SELECTION TOOL. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 4.	7.7	70
27	THE NEXT GENERATION VIRGO CLUSTER SURVEY (NGVS). XIII. THE LUMINOSITY AND MASS FUNCTION OF GALAXIES IN THE CORE OF THE VIRGO CLUSTER AND THE CONTRIBUTION FROM DISRUPTED SATELLITES*. <i>Astrophysical Journal</i> , 2016, 824, 10.	4.5	65
28	The Canada-France Imaging Survey: First Results from the u-Band Component. <i>Astrophysical Journal</i> , 2017, 848, 128.	4.5	62
29	THE NEXT GENERATION VIRGO CLUSTER SURVEY. X. PROPERTIES OF ULTRA-COMPACT DWARFS IN THE M87, M49, AND M60 REGIONS. <i>Astrophysical Journal</i> , 2015, 812, 34.	4.5	53
30	HST Grism Confirmation of 16 Structures at 1.4^h41^m2.8 from the Clusters Around Radio-Loud AGN (CARLA) Survey. <i>Astrophysical Journal</i> , 2018, 859, 38.	4.5	44
31	Virgo Redux: The Masses and Stellar Content of Nuclei in Early-type Galaxies from Multiband Photometry and Spectroscopy. <i>Astrophysical Journal</i> , 2017, 849, 55.	4.5	42
32	THE NEXT GENERATION VIRGO CLUSTER SURVEY. VII. THE INTRINSIC SHAPES OF LOW-LUMINOSITY GALAXIES IN THE CORE OF THE VIRGO CLUSTER, AND A COMPARISON WITH THE LOCAL GROUP. <i>Astrophysical Journal</i> , 2016, 820, 69.	4.5	40
33	The Next Generation Virgo Cluster Survey (NGVS). XXIV. The Red Sequence to $z \leq 0.6$ and Comparisons with Galaxy Formation Models. <i>Astrophysical Journal</i> , 2017, 836, 120.	4.5	40
34	The Next Generation Virgo Cluster Survey (NGVS). XIV. The Discovery of Low-mass Galaxies and a New Galaxy Catalog in the Core of the Virgo Cluster. <i>Astrophysical Journal</i> , 2020, 890, 128.	4.5	39
35	THE ACS FORNAX CLUSTER SURVEY. IV. DEPROJECTION OF THE SURFACE BRIGHTNESS PROFILES OF EARLY-TYPE GALAXIES IN THE VIRGO AND FORNAX CLUSTERS: INVESTIGATING THE CORE/POWER-LAW DICHOTOMY. <i>Astrophysical Journal</i> , 2011, 726, 31.	4.5	37
36	STAR-FORMING BLUE ETGS IN TWO NEWLY DISCOVERED GALAXY OVERDENSITIES IN THE HUDF AT $z = 1.84$ AND 1.9 : UNVEILING THE PROGENITORS OF PASSIVE ETGS IN CLUSTER CORES. <i>Astrophysical Journal</i> , 2015, 804, 117.	4.5	33

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37	HST GRISM CONFIRMATION OF TWO $z \sim 1.4$ STRUCTURES FROM THE CLUSTERS AROUND RADIO-LOUD AGN (CARLA) SURVEY. <i>Astrophysical Journal</i> , 2016, 830, 90.	4.5	28
38	Conditional quenching: a detailed look at the SFR \sim density relation at $z \sim 0.9$ from ORELSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4695-4710.	4.4	28
39	THE NEXT GENERATION VIRGO CLUSTER SURVEY. IX. ESTIMATING THE EFFICIENCY OF GALAXY FORMATION ON THE LOWEST-MASS SCALES. <i>Astrophysical Journal</i> , 2015, 807, 88.	4.5	22
40	The RedGOLD cluster detection algorithm and its cluster candidate catalogue for the CFHT-LS W1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3020-3041.	4.4	21
41	THE NEXT GENERATION VIRGO CLUSTER SURVEY (NGVS). XXV. FIDUCIAL PANCHROMATIC COLORS OF VIRGO CORE GLOBULAR CLUSTERS AND THEIR COMPARISON TO MODEL PREDICTIONS. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 12.	7.7	20
42	The Hidden Past of M92: Detection and Characterization of a Newly Formed 17° Long Stellar Stream Using the Canada-France Imaging Survey. <i>Astrophysical Journal</i> , 2020, 902, 89.	4.5	20
43	Chemical Mapping of the Milky Way with The Canada-France Imaging Survey: A Non-parametric Metallicity-Distance Decomposition of the Galaxy. <i>Astrophysical Journal</i> , 2017, 848, 129.	4.5	19
44	The Next Generation Virgo Cluster Survey (NGVS). XXVI. The Issues of Photometric Age and Metallicity Estimates for Globular Clusters. <i>Astrophysical Journal</i> , 2017, 844, 104.	4.5	13
45	The Next Generation Virgo Cluster Survey. XXXIV. Ultracompact Dwarf Galaxies in the Virgo Cluster. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 17.	7.7	11
46	Ram pressure candidates in UNIONS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1342-1357.	4.4	11
47	Spectroscopic Confirmation and Velocity Dispersions for 20 Planck Galaxy Clusters at $0.16 < z < 0.78$. <i>Astrophysical Journal</i> , 2018, 853, 36.	4.5	10
48	Tightening weak lensing constraints on the ellipticity of galaxy-scale dark matter haloes. <i>Astronomy and Astrophysics</i> , 2021, 646, A73.	5.1	9
49	Next Generation Virgo Cluster Survey. XXI. The Weak Lensing Masses of the CFHTLS and NGVS RedGOLD Galaxy Clusters and Calibration of the Optical Richness. <i>Astrophysical Journal</i> , 2017, 848, 114.	4.5	7
50	The Next Generation Virgo Cluster Survey (NGVS). XXXII. A Search for Globular Cluster Substructures in the Virgo Galaxy Cluster Core. <i>Astrophysical Journal</i> , 2018, 856, 84.	4.5	7
51	THE NEXT GENERATION VIRGO CLUSTER SURVEY. XX. RedGOLD BACKGROUND GALAXY CLUSTER DETECTIONS. <i>Astrophysical Journal</i> , 2016, 829, 44.	4.5	6
52	A GEMINI/GMOS STUDY OF INTERMEDIATE LUMINOSITY EARLY-TYPE VIRGO CLUSTER GALAXIES. I. GLOBULAR CLUSTER AND STELLAR KINEMATICS. <i>Astrophysical Journal</i> , 2015, 806, 133.	4.5	4
53	Massive molecular gas reservoir around the central AGN in the CARLA J1103 + 3449 cluster at $z = 1.44$. <i>Astronomy and Astrophysics</i> , 2020, 641, A22.	5.1	4