

Marco Barden

List of Publications by Year in descending order

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35
papers

7,751
citations

201674

27
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414414

32
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docs citations

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times ranked

4088
citing authors

#	ARTICLE	IF	CITATIONS
1	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 35.	7.7	1,590
2	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEYâ€”THE <i>HUBBLE SPACE TELESCOPE</i> OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 197, 36.	7.7	1,549
3	Galaxy Groups in the SDSS DR4. I. The Catalog and Basic Properties. <i>Astrophysical Journal</i> , 2007, 671, 153-170.	4.5	757
4	The Size Evolution of Galaxies since $z \approx 1/3$: Combining SDSS, GEMS, and FIRES. <i>Astrophysical Journal</i> , 2006, 650, 18-41.	4.5	427
5	Toward an Understanding of the Rapid Decline of the Cosmic Star Formation Rate. <i>Astrophysical Journal</i> , 2005, 625, 23-36.	4.5	426
6	GEMS: Galaxy Evolution from Morphologies and SEDs. <i>Astrophysical Journal, Supplement Series</i> , 2004, 152, 163-173.	7.7	358
7	Dry Mergers in GEMS: The Dynamical Evolution of Massive Earlyâ€”type Galaxies. <i>Astrophysical Journal</i> , 2006, 640, 241-251.	4.5	263
8	GEMS: Galaxy Fitting Catalogs and Testing Parametric Galaxy Fitting Codes: GALFIT and GIM2D. <i>Astrophysical Journal, Supplement Series</i> , 2007, 172, 615-633.	7.7	240
9	GEMS: The Surface Brightness and Surface Mass Density Evolution of Disk Galaxies. <i>Astrophysical Journal</i> , 2005, 635, 959-981.	4.5	206
10	HISTORY OF GALAXY INTERACTIONS AND THEIR IMPACT ON STAR FORMATION OVER THE LAST 7 Gyr FROM GEMS. <i>Astrophysical Journal</i> , 2009, 697, 1971-1992.	4.5	204
11	The STAGES view of red spirals and dusty red galaxies: mass-dependent quenching of star formation in cluster infall. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 1302-1323.	4.4	176
12	Bar Evolution over the Last 8 Billion Years: A Constant Fraction of Strong Bars in the GEMS Survey. <i>Astrophysical Journal</i> , 2004, 615, L105-L108.	4.5	174
13	MegaMorph â€” multiwavelength measurement of galaxy structure: complete S^2 profile information from modern surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 330-369.	4.4	152
14	galapagos: from pixels to parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 449-468.	4.4	151
15	An Explanation for the Observed Weak Size Evolution of Disk Galaxies. <i>Astrophysical Journal</i> , 2008, 672, 776-786.	4.5	143
16	GEMS Imaging of Red-Sequence Galaxies at $[F]z \sim 0.7$ $[F]$: Dusty or Old?. <i>Astrophysical Journal</i> , 2004, 600, L11-L14.	4.5	120
17	The Evolution of Earlyâ€”type Red Galaxies with the GEMS Survey: Luminosityâ€”Size and Stellar Massâ€”Size Relations Since $z \approx 1$. <i>Astrophysical Journal</i> , 2005, 632, 191-209.	4.5	114
18	LESS THAN 10 PERCENT OF STAR FORMATION IN $z < 0.6$ MASSIVE GALAXIES IS TRIGGERED BY MAJOR INTERACTIONS. <i>Astrophysical Journal</i> , 2009, 704, 324-340.	4.5	107

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19	OBSCURED STAR FORMATION IN INTERMEDIATE-DENSITY ENVIRONMENTS: A SPITZER STUDY OF THE ABELL 901/902 SUPERCLUSTER. <i>Astrophysical Journal</i> , 2009, 690, 1883-1900.	4.5	94
20	The dark matter environment of the Abell 901/902 supercluster: a weak lensing analysis of the HST STAGES survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1431-1442.	4.4	80
21	The environmental dependence of the stellar-mass-size relation in STAGES galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 282-294.	4.4	76
22	STRUCTURAL EVOLUTION OF EARLY-TYPE GALAXIES TO $z = 2.5$ IN CANDELS. <i>Astrophysical Journal</i> , 2013, 773, 149.	4.5	72
23	STAGES: the Space Telescope A901/2 Galaxy Evolution Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 1275-1301.	4.4	63
24	GEMS Survey Data and Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2008, 174, 136-144.	7.7	54
25	THE ADVANCED CAMERA FOR SURVEYS GENERAL CATALOG: STRUCTURAL PARAMETERS FOR APPROXIMATELY HALF A MILLION GALAXIES. <i>Astrophysical Journal, Supplement Series</i> , 2012, 200, 9.	7.7	51
26	BARRED GALAXIES IN THE ABELL 901/2 SUPERCLUSTER WITH STAGES. <i>Astrophysical Journal</i> , 2009, 698, 1639-1658.	4.5	31
27	INTERACTING GALAXIES IN THE A901/902 SUPERCLUSTER WITH STAGES. <i>Astrophysical Journal</i> , 2009, 705, 1433-1455.	4.5	27
28	THE EVOLUTION OF THE SCATTER OF THE COSMIC AVERAGE COLOR-MAGNITUDE RELATION: DEMONSTRATING CONSISTENCY WITH THE ONGOING FORMATION OF ELLIPTICAL GALAXIES. <i>Astrophysical Journal</i> , 2009, 695, 1058-1069.	4.5	25
29	Color, Structure, and Star Formation History of Dwarf Galaxies over the Last $\sim 1/3$ Gyr with GEMS and SDSS. <i>Astrophysical Journal</i> , 2006, 643, 162-172.	4.5	10
30	galapagos-c: analysis of galaxy morphologies using high-performance computing methods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3089-3117.	4.4	6
31	SIZE EVOLUTION OF GALAXIES SINCE $z \sim 3$: COMBINING SDSS, GEMS AND FIRES. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2007, , 481-486.	0.3	2
32	Evolution and Impact of Bars over the Last Nine Gyr: Early Results from GEMS. <i>Astrophysics and Space Science Library</i> , 2004, , 291-300.	2.7	2
33	Image simulations and galaxy fitting in GEMS and STAGES: GALFIT VS GIM2D. , 2008, ,		1
34	GEMS: The destiny of Blue Spheroidal Galaxies. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 102-102.	0.0	0
35	EIGHT BILLION YEARS OF DISK GALAXY EVOLUTION. , 2007, , 475-480.		0