

# Marco Barden

## List of Publications by Year in descending order

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35  
papers

7,751  
citations

201674

27  
h-index

414414

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

4088  
citing authors

#	ARTICLE	IF	CITATIONS
1	galapagos-c: analysis of galaxy morphologies using high-performance computing methods. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3089-3117.	4.4	6
2	STRUCTURAL EVOLUTION OF EARLY-TYPE GALAXIES TO $z = 2.5$ IN CANDELS. Astrophysical Journal, 2013, 773, 149.	4.5	72
3	MegaMorph – multiwavelength measurement of galaxy structure: complete Sérsic profile information from modern surveys. Monthly Notices of the Royal Astronomical Society, 2013, 430, 330-369.	4.4	152
4	THE ADVANCED CAMERA FOR SURVEYS GENERAL CATALOG: STRUCTURAL PARAMETERS FOR APPROXIMATELY HALF A MILLION GALAXIES. Astrophysical Journal, Supplement Series, 2012, 200, 9.	7.7	51
5	galapagos: from pixels to parameters. Monthly Notices of the Royal Astronomical Society, 2012, 422, 449-468.	4.4	151
6	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY – THE HUBBLE SPACE TELESCOPE OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. Astrophysical Journal, Supplement Series, 2011, 197, 36.	7.7	1,549
7	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. Astrophysical Journal, Supplement Series, 2011, 197, 35.	7.7	1,590
8	The environmental dependence of the stellar-mass-size relation in STAGES galaxies. Monthly Notices of the Royal Astronomical Society, 2010, 402, 282-294.	4.4	76
9	LESS THAN 10 PERCENT OF STAR FORMATION IN $z \sim 0.6$ MASSIVE GALAXIES IS TRIGGERED BY MAJOR INTERACTIONS. Astrophysical Journal, 2009, 704, 324-340.	4.5	107
10	OBSCURED STAR FORMATION IN INTERMEDIATE-DENSITY ENVIRONMENTS: A SPITZER STUDY OF THE ABELL 901/902 SUPERCLUSTER. Astrophysical Journal, 2009, 690, 1883-1900.	4.5	94
11	BARRED GALAXIES IN THE ABELL 901/2 SUPERCLUSTER WITH STAGES. Astrophysical Journal, 2009, 698, 1639-1658.	4.5	31
12	THE EVOLUTION OF THE SCATTER OF THE COSMIC AVERAGE COLOR-MAGNITUDE RELATION: DEMONSTRATING CONSISTENCY WITH THE ONGOING FORMATION OF ELLIPTICAL GALAXIES. Astrophysical Journal, 2009, 695, 1058-1069.	4.5	25
13	INTERACTING GALAXIES IN THE A901/902 SUPERCLUSTER WITH STAGES. Astrophysical Journal, 2009, 705, 1433-1455.	4.5	27
14	HISTORY OF GALAXY INTERACTIONS AND THEIR IMPACT ON STAR FORMATION OVER THE LAST 7 Gyr FROM GEMS. Astrophysical Journal, 2009, 697, 1971-1992.	4.5	204
15	The STAGES view of red spirals and dusty red galaxies: mass-dependent quenching of star formation in cluster infall. Monthly Notices of the Royal Astronomical Society, 2009, 393, 1302-1323.	4.4	176
16	STAGES: the Space Telescope A901/2 Galaxy Evolution Survey. Monthly Notices of the Royal Astronomical Society, 2009, 393, 1275-1301.	4.4	63
17	The dark matter environment of the Abell 901/902 supercluster: a weak lensing analysis of the HST STAGES survey. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1431-1442.	4.4	80
18	GEMS Survey Data and Catalog. Astrophysical Journal, Supplement Series, 2008, 174, 136-144.	7.7	54

#	ARTICLE	IF	CITATIONS
19	Image simulations and galaxy fitting in GEMS and STAGES: GALFIT VS GIM2D. , 2008, , .		1
20	An Explanation for the Observed Weak Size Evolution of Disk Galaxies. Astrophysical Journal, 2008, 672, 776-786.	4.5	143
21	GEMS: Galaxy Fitting Catalogs and Testing Parametric Galaxy Fitting Codes: GALFIT and GIM2D. Astrophysical Journal, Supplement Series, 2007, 172, 615-633.	7.7	240
22	Galaxy Groups in the SDSS DR4. I. The Catalog and Basic Properties. Astrophysical Journal, 2007, 671, 153-170.	4.5	757
23	SIZE EVOLUTION OF GALAXIES SINCE $z=3$ : COMBINING SDSS, GEMS AND FIRES. Thirty Years of Astronomical Discovery With UKIRT, 2007, , 481-486.	0.3	2
24	EIGHT BILLION YEARS OF DISK GALAXY EVOLUTION. , 2007, , 475-480.		0
25	The Size Evolution of Galaxies since $z=3$ : Combining SDSS, GEMS, and FIRES. Astrophysical Journal, 2006, 650, 18-41.	4.5	427
26	GEMS: The destiny of Blue Spheroidal Galaxies. Proceedings of the International Astronomical Union, 2006, 2, 102-102.	0.0	0
27	Color, Structure, and Star Formation History of Dwarf Galaxies over the Last $\sim 1/3$ Gyr with GEMS and SDSS. Astrophysical Journal, 2006, 643, 162-172.	4.5	10
28	Dry Mergers in GEMS: The Dynamical Evolution of Massive Early-type Galaxies. Astrophysical Journal, 2006, 640, 241-251.	4.5	263
29	GEMS: The Surface Brightness and Surface Mass Density Evolution of Disk Galaxies. Astrophysical Journal, 2005, 635, 959-981.	4.5	206
30	Toward an Understanding of the Rapid Decline of the Cosmic Star Formation Rate. Astrophysical Journal, 2005, 625, 23-36.	4.5	426
31	The Evolution of Early-type Red Galaxies with the GEMS Survey: Luminosity-Size and Stellar Mass-Size Relations Since $z=1$ . Astrophysical Journal, 2005, 632, 191-209.	4.5	114
32	GEMS: Galaxy Evolution from Morphologies and SEDs. Astrophysical Journal, Supplement Series, 2004, 152, 163-173.	7.7	358
33	GEMS Imaging of Red-Sequence Galaxies at $[F]_{z=0.7}$ : Dusty or Old?. Astrophysical Journal, 2004, 600, L11-L14.	4.5	120
34	Bar Evolution over the Last 8 Billion Years: A Constant Fraction of Strong Bars in the GEMS Survey. Astrophysical Journal, 2004, 615, L105-L108.	4.5	174
35	Evolution and Impact of Bars over the Last Nine Gyr: Early Results from GEMS. Astrophysics and Space Science Library, 2004, , 291-300.	2.7	2