

B G Elmegreen

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209
papers

12,681
citations

58
h-index

107
g-index

212
ext. papers

13,633
ext. citations

5.4
avg, IF

6.82
L-index

#	Paper	IF	Citations
209	Interstellar Turbulence I: Observations and Processes. <i>Annual Review of Astronomy and Astrophysics</i> , 2004 , 42, 211-273	31.7	829
208	Star Formation in a Crossing Time. <i>Astrophysical Journal</i> , 2000 , 530, 277-281	4.7	450
207	A Universal Formation Mechanism for Open and Globular Clusters in Turbulent Gas. <i>Astrophysical Journal</i> , 1997 , 480, 235-245	4.7	424
206	A Fractal Origin for the Mass Spectrum of Interstellar Clouds. <i>Astrophysical Journal</i> , 1996 , 471, 816-821	4.7	352
205	Rapid Formation of Exponential Disks and Bulges at High Redshift from the Dynamical Evolution of Clump-Cluster and Chain Galaxies. <i>Astrophysical Journal</i> , 2007 , 670, 237-248	4.7	328
204	A pressure and metallicity dependence for molecular cloud correlations and the calibration of mass. <i>Astrophysical Journal</i> , 1989 , 338, 178	4.7	279
203	THE THICK DISKS OF SPIRAL GALAXIES AS RELICS FROM GAS-RICH, TURBULENT, CLUMPY DISKS AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2009 , 707, L1-L5	4.7	256
202	Star Formation from Galaxies to Globules. <i>Astrophysical Journal</i> , 2002 , 577, 206-220	4.7	255
201	Evolution of the Bar Fraction in COSMOS: Quantifying the Assembly of the Hubble Sequence. <i>Astrophysical Journal</i> , 2008 , 675, 1141-1155	4.7	240
200	A catalog of dark globular filaments. <i>Astrophysical Journal, Supplement Series</i> , 1979 , 41, 87	8	239
199	HIGH-RESOLUTION MASS MODELS OF DWARF GALAXIES FROM LITTLE THINGS. <i>Astronomical Journal</i> , 2015 , 149, 180	4.9	238
198	LITTLE THINGS. <i>Astronomical Journal</i> , 2012 , 144, 134	4.9	221
197	Star Formation Properties of a Large Sample of Irregular Galaxies. <i>Astronomical Journal</i> , 2004 , 128, 2170-2205	4.9	214
196	Cluster Mass Functions in the Large and Small Magellanic Clouds: Fading and Size-of-Sample Effects. <i>Astronomical Journal</i> , 2003 , 126, 1836-1848	4.9	193
195	The H to H ₂ transition in galaxies - Totally molecular galaxies. <i>Astrophysical Journal</i> , 1993 , 411, 170	4.7	184
194	Stellar Populations in 10 Clump-Cluster Galaxies of the Hubble Ultra Deep Field. <i>Astrophysical Journal</i> , 2005 , 627, 632-646	4.7	182
193	Hierarchical star formation from the time-space distribution of star clusters in the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998 , 299, 588-594	4.3	180

192	An interaction model for the formation of dwarf galaxies and $10 \text{ exp } 8$ solar mass clouds in spiral disks. <i>Astrophysical Journal</i> , 1993 , 412, 90	4-7	179
191	ISM properties in hydrodynamic galaxy simulations: turbulence cascades, cloud formation, role of gravity and feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 409, 1088-1099	4-3	178
190	On the Rapid Collapse and Evolution of Molecular Clouds. <i>Astrophysical Journal</i> , 2007 , 668, 1064-1082	4-7	176
189	What controls star formation in the central 500 pc of the Galaxy?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 440, 3370-3391	4-3	173
188	Broadband Imaging of a Large Sample of Irregular Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2006 , 162, 49-79	8	160
187	A Fractal Analysis of the HI Emission from the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2001 , 548, 749-769	4-7	156
186	Regular strings of H II regions and superclouds in spiral galaxies: clues to the origin of cloudy structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 1983 , 203, 31-45	4-3	148
185	The Relationship between Gas, Stars, and Star Formation in Irregular Galaxies: A Test of Simple Models. <i>Astrophysical Journal</i> , 1998 , 493, 595-612	4-7	148
184	Starbursts by gravitational collapse in the inner Lindblad resonance rings of galaxies. <i>Astrophysical Journal</i> , 1994 , 425, L73	4-7	142
183	A sub-parsec resolution simulation of the Milky Way: global structure of the interstellar medium and properties of molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 1836-1851	4-3	140
182	When star formation stops: Galaxy edges and low surface brightness disks. <i>Astrophysical Journal</i> , 1994 , 435, L121	4-7	135
181	RECONSTRUCTING THE STELLAR MASS DISTRIBUTIONS OF GALAXIES USING S4G IRAC 3.6 AND 4.5 μm IMAGES. I. CORRECTING FOR CONTAMINATION BY POLYCYCLIC AROMATIC HYDROCARBONS, HOT DUST, AND INTERMEDIATE-AGE STARS. <i>Astrophysical Journal</i> , 2012 , 744, 17	4-7	133
180	Observations of Thick Disks in the Hubble Space Telescope Ultra Deep Field. <i>Astrophysical Journal</i> , 2006 , 650, 644-660	4-7	132
179	CLUMPY GALAXIES IN GOODS AND GEMS: MASSIVE ANALOGS OF LOCAL DWARF IRREGULARS. <i>Astrophysical Journal</i> , 2009 , 701, 306-329	4-7	131
178	Star Formation at Compressed Interfaces in Turbulent Self-gravitating Clouds. <i>Astrophysical Journal</i> , 1993 , 419, L29	4-7	125
177	Optical tracers of spiral wave resonances in galaxies. II - Hidden three-arm spirals in a sample of 18 galaxies. <i>Astrophysical Journal, Supplement Series</i> , 1992 , 79, 37	8	120
176	Variations in Stellar Clustering with Environment: Dispersed Star Formation and the Origin of Faint Fuzzies. <i>Astrophysical Journal</i> , 2008 , 672, 1006-1012	4-7	119
175	GALEX ULTRAVIOLET IMAGING OF DWARF GALAXIES AND STAR FORMATION RATES. <i>Astronomical Journal</i> , 2010 , 139, 447-475	4-9	111

174	Star formation sustained by gas accretion. <i>Astronomy and Astrophysics Review</i> , 2014 , 22, 1	28.8	110
173	LEGACY EXTRAGALACTIC UV SURVEY (LEGUS) WITH THE HUBBLE SPACE TELESCOPE. I. SURVEY DESCRIPTION. <i>Astronomical Journal</i> , 2015 , 149, 51	4.9	105
172	Compact Star Clusters in Nearby Dwarf Irregular Galaxies. <i>Astronomical Journal</i> , 2002 , 123, 1454-1475	4.9	105
171	Spiral arm amplitude variations and pattern speeds in the grand design galaxies M51, M81, and M100. <i>Astrophysical Journal</i> , 1989 , 343, 602	4.7	103
170	An Extension of Hierarchical Star Formation to Galactic Scales. <i>Astrophysical Journal</i> , 1996 , 466, 802	4.7	103
169	OUTSIDE-IN SHRINKING OF THE STAR-FORMING DISK OF DWARF IRREGULAR GALAXIES. <i>Astronomical Journal</i> , 2012 , 143, 47	4.9	98
168	Gravitational collapse in dust lanes and the appearance of spiral structure in galaxies. <i>Astrophysical Journal</i> , 1979 , 231, 372	4.7	97
167	ACCRETION-DRIVEN TURBULENCE AND THE TRANSITION TO GLOBAL INSTABILITY IN YOUNG GALAXY DISKS. <i>Astrophysical Journal</i> , 2010 , 712, 294-302	4.7	96
166	Fractal Structure in Galactic Star Fields. <i>Astronomical Journal</i> , 2001 , 121, 1507-1511	4.9	95
165	Do density waves trigger star formation?. <i>Astrophysical Journal</i> , 1986 , 311, 554	4.7	89
164	Radial Profiles of Star Formation in the Far Outer Regions of Galaxy Disks. <i>Astrophysical Journal</i> , 2006 , 636, 712-720	4.7	87
163	Supercloud formation by nonaxisymmetric gravitational instabilities in sheared magnetic galaxy disks. <i>Astrophysical Journal</i> , 1987 , 312, 626	4.7	87
162	THICK DISKS OF EDGE-ON GALAXIES SEEN THROUGH THE SPITZERSURVEY OF STELLAR STRUCTURE IN GALAXIES (S4G): LAIR OF MISSING BARYONS?. <i>Astrophysical Journal</i> , 2011 , 741, 28	4.7	83
161	THE IMPACT OF BARS ON DISK BREAKS AS PROBED BY S4G IMAGING. <i>Astrophysical Journal</i> , 2013 , 771, 59	4.7	79
160	H I superclouds in the inner Galaxy. <i>Astrophysical Journal</i> , 1987 , 320, 182	4.7	78
159	GRAVITATIONAL INSTABILITIES IN TWO-COMPONENT GALAXY DISKS WITH GAS DISSIPATION. <i>Astrophysical Journal</i> , 2011 , 737, 10	4.7	77
158	Hierarchical Star Formation in the Spiral Galaxy NGC 628. <i>Astrophysical Journal</i> , 2006 , 644, 879-889	4.7	75
157	A Turbulent Origin for Flocculent Spiral Structure in Galaxies. <i>Astrophysical Journal</i> , 2003 , 590, 271-283	4.7	72

156	Cloud formation by combined instabilities in galactic gas layers - Evidence for a Q threshold in the fragmentation of shearing wavelets. <i>Astrophysical Journal</i> , 1991 , 378, 139	4.7	69
155	Legacy ExtraGalactic UV Survey with TheHubble Space Telescope: Stellar Cluster Catalogs and First Insights Into Cluster Formation and Evolution in NGC 628. <i>Astrophysical Journal</i> , 2017 , 841, 131	4.7	67
154	Neutral Hydrogen and Star Formation in the Irregular Galaxy NGC 2366. <i>Astrophysical Journal</i> , 2001 , 556, 773-800	4.7	62
153	A STAR FORMATION LAW FOR DWARF IRREGULAR GALAXIES. <i>Astrophysical Journal</i> , 2015 , 805, 145	4.7	58
152	LOCALIZED STARBURSTS IN DWARF GALAXIES PRODUCED BY THE IMPACT OF LOW-METALLICITY COSMIC GAS CLOUDS. <i>Astrophysical Journal Letters</i> , 2015 , 810, L15	7.9	58
151	ON THE DISRUPTION OF STAR CLUSTERS IN A HIERARCHICAL INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2010 , 712, 604-623	4.7	58
150	Dust Spirals and Acoustic Noise in the Nucleus of the Galaxy NGC 2207. <i>Astrophysical Journal</i> , 1998 , 503, L119-L122	4.7	58
149	METALLICITY INHOMOGENEITIES IN LOCAL STAR-FORMING GALAXIES AS A SIGN OF RECENT METAL-POOR GAS ACCRETION. <i>Astrophysical Journal</i> , 2014 , 783, 45	4.7	57
148	On the Origin of Exponential Disks at High Redshift. <i>Astrophysical Journal</i> , 2005 , 634, 101-108	4.7	55
147	LOCAL TADPOLE GALAXIES: DYNAMICS AND METALLICITY. <i>Astrophysical Journal</i> , 2013 , 767, 74	4.7	54
146	Formation and Loss of Hierarchical Structure in Two-dimensional Magnetohydrodynamic Simulations of Wave-driven Turbulence in Interstellar Clouds. <i>Astrophysical Journal</i> , 1999 , 527, 266-284	4.7	54
145	Curvature and Acoustic Instabilities in Rotating Fluid Disks. <i>Astrophysical Journal</i> , 1999 , 520, 592-606	4.7	54
144	Triggered star formation in the LMC4/Constellation III region of the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998 , 299, 643-652	4.3	52
143	Spitzer Space Telescope IRAC and MIPS Observations of the Interacting Galaxies IC 2163 and NGC 2207: Clumpy Emission. <i>Astrophysical Journal</i> , 2006 , 642, 158-170	4.7	52
142	ON THE INITIAL CONDITIONS FOR STAR FORMATION AND THE INITIAL MASS FUNCTION. <i>Astrophysical Journal</i> , 2011 , 731, 61	4.7	51
141	FORMATION OF METAL-POOR GLOBULAR CLUSTERS IN Ly α EMITTING GALAXIES IN THE EARLY UNIVERSE. <i>Astrophysical Journal</i> , 2012 , 757, 9	4.7	51
140	HOT DISKS AND DELAYED BAR FORMATION. <i>Astrophysical Journal</i> , 2012 , 758, 136	4.7	50
139	Gas inflow and metallicity drops in star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 457, 2605-2612	4.3	48

138	Dense cloud cores revealed by CO in the low metallicity dwarf galaxy WLM. <i>Nature</i> , 2015 , 525, 218-21	50.4	46
137	Environmental regulation of cloud and star formation in galactic bars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 454, 3299-3310	4.3	46
136	SURFACE BRIGHTNESS PROFILES OF DWARF GALAXIES. I. PROFILES AND STATISTICS. <i>Astronomical Journal</i> , 2013 , 146, 104	4.9	46
135	The Hierarchical Distribution of the Young Stellar Clusters in Six Local Star-forming Galaxies. <i>Astrophysical Journal</i> , 2017 , 840, 113	4.7	45
134	The Effect of Star Formation History on the Inferred Stellar Initial Mass Function. <i>Astrophysical Journal</i> , 2006 , 636, 149-157	4.7	45
133	On the abundance of carbon monoxide in galaxies - A comparison of spiral and Magellanic irregular galaxies. <i>Astrophysical Journal</i> , 1980 , 240, 455	4.7	45
132	THE BRIGHTEST YOUNG STAR CLUSTERS IN NGC 5253. <i>Astrophysical Journal</i> , 2015 , 811, 75	4.7	43
131	Carbon monoxide in clouds at low metallicity in the dwarf irregular galaxy WLM. <i>Nature</i> , 2013 , 495, 487-9	50.4	41
130	The spatial relation between young star clusters and molecular clouds in M51 with LEGUS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 4707-4723	4.3	39
129	THE SPATIAL DISTRIBUTION OF THE YOUNG STELLAR CLUSTERS IN THE STAR-FORMING GALAXY NGC 628. <i>Astrophysical Journal</i> , 2015 , 815, 93	4.7	39
128	H I POWER SPECTRA AND THE TURBULENT INTERSTELLAR MEDIUM OF DWARF IRREGULAR GALAXIES. <i>Astrophysical Journal</i> , 2012 , 754, 29	4.7	38
127	IN-SPIRALING CLUMPS IN BLUE COMPACT DWARF GALAXIES. <i>Astrophysical Journal</i> , 2012 , 747, 105	4.7	38
126	HIERARCHICAL STAR FORMATION IN NEARBY LEGUS GALAXIES. <i>Astrophysical Journal Letters</i> , 2014 , 787, L15	7.9	37
125	On the Size and Formation Mechanism of Star Complexes in Sm, Im, and BCD Galaxies. <i>Astrophysical Journal</i> , 1996 , 467, 579	4.7	37
124	Globular Cluster Formation at High Density: A Model for Elemental Enrichment with Fast Recycling of Massive-star Debris. <i>Astrophysical Journal</i> , 2017 , 836, 80	4.7	36
123	EXPONENTIAL GALAXY DISKS FROM STELLAR SCATTERING. <i>Astrophysical Journal Letters</i> , 2013 , 775, L35	7.9	36
122	Flocculent and grand design spiral galaxies in groups - Time scales for the persistence of grand design spiral structures. <i>Astrophysical Journal</i> , 1983 , 267, 31	4.7	36
121	The Formation of Low-metallicity Globular Clusters in Dwarf Galaxy Mergers. <i>Astrophysical Journal Letters</i> , 2019 , 879, L18	7.9	35

120	The young star cluster population of M51 with LEGUS III. Testing environmental dependences. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 1683-1707	4.3	35
119	The young star cluster population of M51 with LEGUS II. A comprehensive study of cluster formation and evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 996-1018	4.3	34
118	The Resolved Stellar Populations in the LEGUS Galaxies1. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 235, 23	8	34
117	Hierarchical Star Formation in Turbulent Media: Evidence from Young Star Clusters. <i>Astrophysical Journal</i> , 2017 , 842, 25	4.7	33
116	THE STELLAR AND GAS KINEMATICS OF THE LITTLE THINGS DWARF IRREGULAR GALAXY NGC 1569. <i>Astronomical Journal</i> , 2012 , 144, 152	4.9	33
115	ON THE STAR FORMATION LAW FOR SPIRAL AND IRREGULAR GALAXIES. <i>Astrophysical Journal Letters</i> , 2015 , 814, L30	7.9	32
114	THE OUTER DISKS OF DWARF IRREGULAR GALAXIES. <i>Astronomical Journal</i> , 2011 , 142, 121	4.9	32
113	Mid-Infrared Images of Stars and Dust in Irregular Galaxies. <i>Astronomical Journal</i> , 2006 , 132, 801-818	4.9	32
112	On the Appearance of Thresholds in the Dynamical Model of Star Formation. <i>Astrophysical Journal</i> , 2018 , 854, 16	4.7	31
111	LOCAL TADPOLE GALAXIES. <i>Astrophysical Journal</i> , 2012 , 750, 95	4.7	31
110	Evidence for the concurrent growth of thick discs and central mass concentrations from S4G imaging. <i>Astronomy and Astrophysics</i> , 2014 , 571, A58	5.1	31
109	Observations of the Ocular Galaxy NGC 2535 and its Starburst Companion NGC 2536. <i>Astronomical Journal</i> , 1997 , 114, 2323	4.9	31
108	The Kennicutt-Schmidt Law and Gas Scale Height in Luminous and Ultraluminous Infrared Galaxies. <i>Astrophysical Journal</i> , 2019 , 882, 5	4.7	30
107	Hierarchical star formation across the ring galaxy NGC 6503. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 452, 3508-3528	4.3	30
106	Dusty Acoustic Turbulence in the Nuclear Disks of Two LINER Galaxies NGC 4450 and NGC 4736. <i>Astrophysical Journal</i> , 2002 , 564, 234-243	4.7	29
105	Thick Disks in the Hubble Space Telescope Frontier Fields. <i>Astrophysical Journal</i> , 2017 , 847, 14	4.7	28
104	THE H I CHRONICLES OF LITTLE THINGS BCDs II: THE ORIGIN OF IC 103 H I STRUCTURE. <i>Astronomical Journal</i> , 2014 , 148, 130	4.9	28
103	THE ONSET OF SPIRAL STRUCTURE IN THE UNIVERSE. <i>Astrophysical Journal</i> , 2014 , 781, 11	4.7	28

102	A Catalog of H I Clouds in the Large Magellanic Cloud. <i>Astrophysical Journal, Supplement Series</i> , 2007 , 171, 419-446	8	28
101	The piezoelectronic transistor: A nanoactuator-based post-CMOS digital switch with high speed and low power. <i>MRS Bulletin</i> , 2012 , 37, 1071-1076	3.2	27
100	A Turbulent Origin for Flocculent Spiral Structure in Galaxies. II. Observations and Models of M33. <i>Astrophysical Journal</i> , 2003 , 593, 333-339	4.7	27
99	Power Spectra in Vband and H α of Nine Irregular Galaxies. <i>Astronomical Journal</i> , 2005 , 129, 2186-2196	4.9	27
98	The Interacting Galaxies NGC 5394/5395: A Post-Ocular Galaxy and Its Ring/Spiral Companion. <i>Astronomical Journal</i> , 1999 , 118, 1577-1608	4.9	27
97	A Pressure Anomaly for H II Regions in Irregular Galaxies. <i>Astrophysical Journal</i> , 2000 , 540, 814-824	4.7	27
96	Search for star cluster age gradients across spiral arms of three LEGUS disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 3590-3604	4.3	27
95	The GRIFFIN Project: Formation of Star Clusters with Individual Massive Stars in a Simulated Dwarf Galaxy Starburst. <i>Astrophysical Journal</i> , 2020 , 891, 2	4.7	26
94	Star cluster catalogues for the LEGUS dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 4897-4919	4.3	26
93	Hierarchical star formation across the grand-design spiral NGC 1566. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 509-530	4.3	25
92	TADPOLE GALAXIES IN THE HUBBLE ULTRA DEEP FIELD. <i>Astrophysical Journal</i> , 2010 , 722, 1895-1907	4.7	24
91	H I kinematics of S4G spiral galaxies III. Inner rotation curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 1199-1213	4.3	23
90	BRIGHT ULTRAVIOLET REGIONS AND STAR FORMATION CHARACTERISTICS IN NEARBY DWARF GALAXIES. <i>Astronomical Journal</i> , 2009 , 138, 1203-1229	4.9	23
89	THE ROLE OF TURBULENCE IN STAR FORMATION LAWS AND THRESHOLDS. <i>Astrophysical Journal</i> , 2014 , 784, 112	4.7	21
88	Extinction Maps and Dust-to-gas Ratios in Nearby Galaxies with LEGUS. <i>Astrophysical Journal</i> , 2018 , 855, 133	4.7	20
87	THE KENNICUTT-SCHMIDT RELATION IN EXTREMELY METAL-POOR DWARF GALAXIES. <i>Astrophysical Journal</i> , 2016 , 820, 109	4.7	20
86	LEGUS and H I LEGUS Observations of Star Clusters in NGC 4449: Improved Ages and the Fraction of Light in Clusters as a Function of Age. <i>Astrophysical Journal</i> , 2020 , 889, 154	4.7	18
85	Mass functions in fractal clouds: the role of cloud structure in the stellar initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 410, 788-804	4.3	18

84	The location of star-forming regions in barred Magellanic-type galaxies. <i>Astronomical Journal</i> , 1980 , 85, 1325	4.9	18
83	EXPONENTIAL DISKS FROM STELLAR SCATTERING. III. STOCHASTIC MODELS. <i>Astrophysical Journal</i> , 2016 , 830, 115	4.7	17
82	KINEMATICS OF EXTREMELY METAL-POOR GALAXIES: EVIDENCE FOR STELLAR FEEDBACK. <i>Astrophysical Journal</i> , 2017 , 834, 181	4.7	17
81	MASS-TO-LIGHT VERSUS COLOR RELATIONS FOR DWARF IRREGULAR GALAXIES. <i>Astronomical Journal</i> , 2016 , 152, 177	4.9	17
80	Two Thresholds for Globular Cluster Formation and the Common Occurrence of Massive Clusters in the Early Universe. <i>Astrophysical Journal</i> , 2018 , 869, 119	4.7	17
79	Star Formation Histories of the LEGUS Dwarf Galaxies. I. Recent History of NGC 1705, NGC 4449, and Holmberg II. <i>Astrophysical Journal</i> , 2018 , 856, 62	4.7	17
78	HERSCHEL SPECTROSCOPIC OBSERVATIONS OF LITTLE THINGS DWARF GALAXIES. <i>Astronomical Journal</i> , 2016 , 151, 14	4.9	16
77	EMBEDDED STAR FORMATION IN S4G GALAXY DUST LANES. <i>Astrophysical Journal</i> , 2014 , 780, 32	4.7	16
76	A NEW METHOD TO ESTIMATE LOCAL PITCH ANGLES IN SPIRAL GALAXIES: APPLICATION TO SPIRAL ARMS AND FEATHERS IN M81 AND M51. <i>Astronomical Journal</i> , 2014 , 148, 133	4.9	16
75	SHRINKING GALAXY DISKS WITH FOUNTAIN-DRIVEN ACCRETION FROM THE HALO. <i>Astrophysical Journal</i> , 2014 , 796, 110	4.7	16
74	THE H I CHRONICLES OF LITTLE THINGS BCDs: EVIDENCE FOR EXTERNAL PERTURBATIONS IN THE MORPHOLOGY AND KINEMATICS OF HARO 29 AND HARO 36. <i>Astronomical Journal</i> , 2013 , 146, 42	4.9	16
73	HIGH STAR FORMATION RATES IN TURBULENT ATOMIC-DOMINATED GAS IN THE INTERACTING GALAXIES IC 2163 AND NGC 2207. <i>Astrophysical Journal</i> , 2016 , 823, 26	4.7	16
72	Macromolecules, Very Small Grains, and Large Dust Particles in the Whirlpool Galaxy M51 and Its Companion: A Unified View. <i>Astrophysical Journal</i> , 1997 , 486, L95-L98	4.7	16
71	LONG-LIVED SPIRAL STRUCTURE FOR GALAXIES WITH INTERMEDIATE-SIZE BULGES. <i>Astrophysical Journal Letters</i> , 2016 , 826, L21	7.9	15
70	Little Blue Dots in the Hubble Space Telescope Frontier Fields: Precursors to Globular Clusters?. <i>Astrophysical Journal Letters</i> , 2017 , 851, L44	7.9	15
69	STAR FORMATION IN TWO LUMINOUS SPIRAL GALAXIES. <i>Astronomical Journal</i> , 2013 , 146, 92	4.9	15
68	Star Formation Histories of the LEGUS Dwarf Galaxies. III. The Nonbursty Nature of 23 Star-forming Dwarf Galaxies. <i>Astrophysical Journal</i> , 2019 , 887, 112	4.7	14
67	Star Formation Histories of the LEGUS Dwarf Galaxies. II. Spatially Resolved Star Formation History of the Magellanic Irregular NGC 4449. <i>Astrophysical Journal</i> , 2018 , 857, 63	4.7	14

66	The H I Chronicles of LITTLE THINGS BCDs. III. Gas Clouds in and around Mrk 178, VII Zw 403, and NGC 3738. <i>Astronomical Journal</i> , 2017 , 153, 132	4.9	13
65	Exploring the IMF of star clusters: a joint SLUG and LEGUS effort. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 2464-2480	4.3	13
64	VII Zw 403: H I STRUCTURE IN A BLUE COMPACT DWARF GALAXY. <i>Astronomical Journal</i> , 2011 , 142, 82	4.9	13
63	Nuclear Spiral Shocks and Induced Gas Inflows in Weak Oval Potentials. <i>Astrophysical Journal Letters</i> , 2017 , 841, L4	7.9	12
62	The properties, origin and evolution of stellar clusters in galaxy simulations and observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 3580-3596	4.3	12
61	Exponential profiles from stellar scattering off of interstellar clumps and holes in dwarf galaxy discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 1157-1165	4.3	12
60	SURFACE BRIGHTNESS PROFILES OF DWARF GALAXIES. II. COLOR TRENDS AND MASS PROFILES. <i>Astronomical Journal</i> , 2016 , 151, 145	4.9	12
59	Star Formation Histories of the LEGUS Spiral Galaxies. I. The Flocculent Spiral NGC 7793. <i>Astrophysical Journal</i> , 2019 , 878, 1	4.7	12
58	Massive star cluster formation and evolution in tidal dwarf galaxies. <i>Astronomy and Astrophysics</i> , 2019 , 628, A60	5.1	12
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