

B G Elmegreen

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.

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	The Environments of CO Cores and Star Formation in the Dwarf Irregular Galaxy WLM. <i>Astronomical Journal</i> , 2022 , 163, 141	4.9	0
208	A Search for Correlations between Turbulence and Star Formation in THINGS Galaxies. <i>Astrophysical Journal</i> , 2022 , 928, 143	4.7	0
207	The Dense Gas Mass Fraction and the Relationship to Star Formation in M51. <i>Astrophysical Journal</i> , 2022 , 930, 170	4.7	1
206	The Mass-Metallicity Relation at $z \sim 1$ and Its Dependence on the Star Formation Rate. <i>Astrophysical Journal</i> , 2021 , 919, 143	4.7	4
205	A Comparison of Star-forming Clumps and Tidal Tails in Local Mergers and High-redshift Galaxies. <i>Astrophysical Journal</i> , 2021 , 908, 121	4.7	3
204	A Search for Correlations between Turbulence and Star Formation in LITTLE THINGS Dwarf Irregular Galaxies. <i>Astronomical Journal</i> , 2021 , 161, 175	4.9	3
203	Herschel Photometric Observations of Little Things Dwarf Galaxies. <i>Astronomical Journal</i> , 2021 , 162, 83	4.9	0
202	The dependence of the hierarchical distribution of star clusters on galactic environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 5542-5566	4.3	1
201	Relationships between the Stellar, Gaseous, and Star Formation Disks in LITTLE THINGS Dwarf Irregular Galaxies: Indirect Evidence for Substantial Fractions of Dark Molecular Gas. <i>Astronomical Journal</i> , 2021 , 161, 71	4.9	3
200	Outflow from Outer-arm Starburst in a Grazing Collision between Galaxies. <i>Astronomical Journal</i> , 2020 , 159, 180	4.9	2
199	LEGUS and H α -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
198	Observing the Earliest Stages of Star Formation in Galaxies: 8 H α Cores in Three Edge-on Disks. <i>Astrophysical Journal</i> , 2020 , 895, 71	4.7	4
197	Next-generation geospatial-temporal information technologies for disaster management. <i>IBM Journal of Research and Development</i> , 2020 , 64, 5:1-5:12	2.5	6
196	Spatial Segregation of Massive Clusters in Dwarf Galaxies. <i>Astrophysical Journal Letters</i> , 2020 , 888, L27	7.9	2
195	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
194	Structure and Rotation of Young Massive Star Clusters in a Simulated Dwarf Starburst. <i>Astrophysical Journal</i> , 2020 , 904, 71	4.7	9
193	Systematic Variations of CO J = 2/1/0 Ratio and Their Implications in The Nearby Barred Spiral Galaxy M83. <i>Astrophysical Journal Letters</i> , 2020 , 890, L10	7.9	11

192	Stellar scattering and the formation of exponential discs in self-gravitating systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 2672-2684	4.3	2
191	H I Clouds in LITTLE THINGS Dwarf Irregular Galaxies. <i>Astronomical Journal</i> , 2019 , 157, 241	4.9	7
190	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
189	The Formation of Low-metallicity Globular Clusters in Dwarf Galaxy Mergers. <i>Astrophysical Journal Letters</i> , 2019 , 879, L18	7.9	35
188	Power-law Sérsic profiles in hydrostatic stellar galaxy discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 5919-5927	4.3	7
187	The Kennicutt-Schmidt Law and Gas Scale Height in Luminous and Ultraluminous Infrared Galaxies. <i>Astrophysical Journal</i> , 2019 , 882, 5	4.7	30
186	Inferring the 3D Shapes of Extremely Metal-poor Galaxies from Sets of Projected Shapes. <i>Astrophysical Journal</i> , 2019 , 883, 10	4.7	4
185	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
184	Star cluster catalogues for the LEGUS dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 4897-4919	4.3	26
183	The sequence of spiral arm classes: Observational signatures of persistent spiral density waves in grand-design galaxies. <i>Proceedings of the International Astronomical Union</i> , 2019 , 14, 140-143	0.1	2
182	Star Formation Histories of the LEGUS Spiral Galaxies. I. The Flocculent Spiral NGC 7793. <i>Astrophysical Journal</i> , 2019 , 878, 1	4.7	12
181	Highly Embedded 8 GHz cores of Star Formation in the Spiral Arms and Filaments of 15 Nearby Disk Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 245, 14	8	6
180	Massive star cluster formation and evolution in tidal dwarf galaxies. <i>Astronomy and Astrophysics</i> , 2019 , 628, A60	5.1	12
179	A Study of Two Dwarf Irregular Galaxies with Asymmetrical Star Formation Distributions. <i>Astrophysical Journal</i> , 2018 , 855, 7	4.7	3
178	Pillars of Creation among Destruction: Star Formation in Molecular Clouds near R136 in 30 Doradus. <i>Astrophysical Journal</i> , 2018 , 852, 71	4.7	5
177	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
176	The Resolved Stellar Populations in the LEGUS Galaxies I. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 235, 23	8	34
175	Extinction Maps and Dust-to-gas Ratios in Nearby Galaxies with LEGUS. <i>Astrophysical Journal</i> , 2018 , 855, 133	4.7	20

174	On the Appearance of Thresholds in the Dynamical Model of Star Formation. <i>Astrophysical Journal</i> , 2018 , 854, 16	4.7	31
173	NOEMA Observations of a Molecular Cloud in the Low-metallicity Galaxy Kiso 5639. <i>Astrophysical Journal Letters</i> , 2018 , 859, L22	7.9	5
172	Regularly Spaced Infrared Peaks in the Dusty Spirals of Messier 100. <i>Astrophysical Journal</i> , 2018 , 863, 59	4.7	12
171	Cold Exponential Disks from Interstellar Fountains. <i>Astrophysical Journal Letters</i> , 2018 , 868, L15	7.9	4
170	A Comparison of Young Star Properties with Local Galactic Environment for LEGUS/LITTLE THINGS Dwarf Irregular Galaxies. <i>Astronomical Journal</i> , 2018 , 156, 21	4.9	3
169	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
168	A Headless Tadpole Galaxy: The High Gas-phase Metallicity of the Ultra-diffuse Galaxy UGC 2162. <i>Astrophysical Journal</i> , 2018 , 869, 40	4.7	1
167	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
166	Probability distribution functions of gas surface density in M 33. <i>Astronomy and Astrophysics</i> , 2018 , 617, A125	5.1	11
165	Why Are Some Galaxies Not Barred?. <i>Astrophysical Journal</i> , 2018 , 858, 24	4.7	11
164	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
163	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
162	On the Dispersal of Young Stellar Hierarchies. <i>Astrophysical Journal</i> , 2018 , 853, 88	4.7	7
161	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
160	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
159	The Hierarchical Distribution of the Young Stellar Clusters in Six Local Star-forming Galaxies. <i>Astrophysical Journal</i> , 2017 , 840, 113	4.7	45
158	The Nature of Turbulence in the LITTLE THINGS Dwarf Irregular Galaxies. <i>Astronomical Journal</i> , 2017 , 153, 163	4.9	7
157	Nuclear Spiral Shocks and Induced Gas Inflows in Weak Oval Potentials. <i>Astrophysical Journal Letters</i> , 2017 , 841, L4	7.9	12

156	Near-exponential surface densities as hydrostatic, non-equilibrium profiles in galaxy discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 1482-1492	4.3	6
155	Hierarchical Star Formation in Turbulent Media: Evidence from Young Star Clusters. <i>Astrophysical Journal</i> , 2017 , 842, 25	4.7	33
154	ALMA CO Clouds and Young Star Complexes in the Interacting Galaxies IC 2163 and NGC 2207. <i>Astrophysical Journal</i> , 2017 , 841, 43	4.7	9
153	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
152	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
151	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
150	How do spiral arm contrasts relate to bars, disc breaks and other fundamental galaxy properties?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 471, 1070-1087	4.3	9
149	KINEMATICS OF EXTREMELY METAL-POOR GALAXIES: EVIDENCE FOR STELLAR FEEDBACK. <i>Astrophysical Journal</i> , 2017 , 834, 181	4.7	17
148	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
147	Thick Disks in the Hubble Space Telescope Frontier Fields. <i>Astrophysical Journal</i> , 2017 , 847, 14	4.7	28
146	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
145	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
144	Legacy ExtraGalactic UV Survey with The Hubble 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
143	Outskirts of Nearby Disk Galaxies: Star Formation and Stellar Populations. <i>Astrophysics and Space Science Library</i> , 2017 , 115-143	0.3	3
142	EXPONENTIAL DISKS FROM STELLAR SCATTERING. III. STOCHASTIC MODELS. <i>Astrophysical Journal</i> , 2016 , 830, 115	4.7	17
141	LONG-LIVED SPIRAL STRUCTURE FOR GALAXIES WITH INTERMEDIATE-SIZE BULGES. <i>Astrophysical Journal Letters</i> , 2016 , 826, L21	7.9	15
140	HUBBLE SPACE TELESCOPE OBSERVATIONS OF ACCRETION-INDUCED STAR FORMATION IN THE TADPOLE GALAXY KISO 5639. <i>Astrophysical Journal</i> , 2016 , 825, 145	4.7	9
139	HERSCHEL SPECTROSCOPIC OBSERVATIONS OF LITTLE THINGS DWARF GALAXIES. <i>Astronomical Journal</i> , 2016 , 151, 14	4.9	16

138	OCULAR SHOCK FRONT IN THE COLLIDING GALAXY IC 2163. <i>Astrophysical Journal</i> , 2016 , 831, 161	4.7	3
137	Dense Cloud Cores revealed by ALMA CO observations in the low metallicity dwarf galaxy WLM. <i>Proceedings of the International Astronomical Union</i> , 2016 , 11, 229-231	0.1	
136	H ₂ 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
135	MASS-TO-LIGHT VERSUS COLOR RELATIONS FOR DWARF IRREGULAR GALAXIES. <i>Astronomical Journal</i> , 2016 , 152, 177	4.9	17
134	GLOBULAR CLUSTER POPULATIONS: RESULTS INCLUDING S4G LATE-TYPE GALAXIES. <i>Astrophysical Journal</i> , 2016 , 818, 99	4.7	8
133	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
132	YOUNG STAR CLUSTERS IN THE OUTER DISKS OF LITTLE THINGS DWARF IRREGULAR GALAXIES. <i>Astronomical Journal</i> , 2016 , 151, 136	4.9	10
131	SURFACE BRIGHTNESS PROFILES OF DWARF GALAXIES. II. COLOR TRENDS AND MASS PROFILES. <i>Astronomical Journal</i> , 2016 , 151, 145	4.9	12
130	THE KENNICUTT-SCHMIDT RELATION IN EXTREMELY METAL-POOR DWARF GALAXIES. <i>Astrophysical Journal</i> , 2016 , 820, 109	4.7	20
129	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
128	LEGACY EXTRAGALACTIC UV SURVEY (LEGUS) WITH THE HUBBLE SPACE TELESCOPE. I. SURVEY DESCRIPTION. <i>Astronomical Journal</i> , 2015 , 149, 51	4.9	105
127	A WARP IN PROGRESS: H I AND RADIO CONTINUUM OBSERVATIONS OF THE SPIRAL NGC 3145. <i>Astronomical Journal</i> , 2015 , 150, 65	4.9	2
126	A STAR FORMATION LAW FOR DWARF IRREGULAR GALAXIES. <i>Astrophysical Journal</i> , 2015 , 805, 145	4.7	58
125	Dense cloud cores revealed by CO in the low metallicity dwarf galaxy WLM. <i>Nature</i> , 2015 , 525, 218-21	50.4	46
124	Gas accretion from halos to disks: observations, curiosities, and problems. <i>Proceedings of the International Astronomical Union</i> , 2015 , 11, 204-208	0.1	
123	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
122	WIGGLE INSTABILITY OF GALACTIC SPIRAL SHOCKS: EFFECTS OF MAGNETIC FIELDS. <i>Astrophysical Journal</i> , 2015 , 809, 33	4.7	9
121	THE BRIGHTEST YOUNG STAR CLUSTERS IN NGC 5253. <i>Astrophysical Journal</i> , 2015 , 811, 75	4.7	43

120	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
119	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
118	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
117	HIGH-RESOLUTION MASS MODELS OF DWARF GALAXIES FROM LITTLE THINGS. <i>Astronomical Journal</i> , 2015 , 149, 180	4.9	238
116	Theoretical considerations for star formation at low and high redshift. <i>Proceedings of the International Astronomical Union</i> , 2015 , 11, 247-253	0.1	
115	ON THE STAR FORMATION LAW FOR SPIRAL AND IRREGULAR GALAXIES. <i>Astrophysical Journal Letters</i> , 2015 , 814, L30	7.9	32
114	Star formation sustained by gas accretion. <i>Astronomy and Astrophysics Review</i> , 2014 , 22, 1	28.8	110
113	Gas accretion from the cosmic web in the local Universe. <i>Proceedings of the International Astronomical Union</i> , 2014 , 11, 390-393	0.1	
112	EMBEDDED STAR FORMATION IN S4G GALAXY DUST LANES. <i>Astrophysical Journal</i> , 2014 , 780, 32	4.7	16
111	THE H I CHRONICLES OF LITTLE THINGS BCDs II: THE ORIGIN OF IC 10B H I STRUCTURE. <i>Astronomical Journal</i> , 2014 , 148, 130	4.9	28
110	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
109	SHRINKING GALAXY DISKS WITH FOUNTAIN-DRIVEN ACCRETION FROM THE HALO. <i>Astrophysical Journal</i> , 2014 , 796, 110	4.7	16
108	HIERARCHICAL STAR FORMATION IN NEARBY LEGUS GALAXIES. <i>Astrophysical Journal Letters</i> , 2014 , 787, L15	7.9	37
107	THE ONSET OF SPIRAL STRUCTURE IN THE UNIVERSE. <i>Astrophysical Journal</i> , 2014 , 781, 11	4.7	28
106	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
105	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
104	THE ROLE OF TURBULENCE IN STAR FORMATION LAWS AND THRESHOLDS. <i>Astrophysical Journal</i> , 2014 , 784, 112	4.7	21
103	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

102	Carbon monoxide in clouds at low metallicity in the dwarf irregular galaxy WLM. <i>Nature</i> , 2013 , 495, 487-90.4	4.1	41
101	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
100	SURFACE BRIGHTNESS PROFILES OF DWARF GALAXIES. I. PROFILES AND STATISTICS. <i>Astronomical Journal</i> , 2013 , 146, 104	4.9	46
99	THE IMPACT OF BARS ON DISK BREAKS AS PROBED BY S4G IMAGING. <i>Astrophysical Journal</i> , 2013 , 771, 59	4.7	79
98	LOCAL TADPOLE GALAXIES: DYNAMICS AND METALLICITY. <i>Astrophysical Journal</i> , 2013 , 767, 74	4.7	54
97	EXPONENTIAL GALAXY DISKS FROM STELLAR SCATTERING. <i>Astrophysical Journal Letters</i> , 2013 , 775, L35	7.9	36
96	STAR FORMATION IN TWO LUMINOUS SPIRAL GALAXIES. <i>Astronomical Journal</i> , 2013 , 146, 92	4.9	15
95	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
94	RECONSTRUCTING THE STELLAR MASS DISTRIBUTIONS OF GALAXIES USING S4G IRAC 3.6 AND 4.5 μ m 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
93	H I POWER SPECTRA AND THE TURBULENT INTERSTELLAR MEDIUM OF DWARF IRREGULAR GALAXIES. <i>Astrophysical Journal</i> , 2012 , 754, 29	4.7	38
92	HOT DISKS AND DELAYED BAR FORMATION. <i>Astrophysical Journal</i> , 2012 , 758, 136	4.7	50
91	IN-SPIRALING CLUMPS IN BLUE COMPACT DWARF GALAXIES. <i>Astrophysical Journal</i> , 2012 , 747, 105	4.7	38
90	LOCAL TADPOLE GALAXIES. <i>Astrophysical Journal</i> , 2012 , 750, 95	4.7	31
89	Secular evolution in young galaxies. <i>Proceedings of the International Astronomical Union</i> , 2012 , 10, 375-375.1		
88	LAE Galaxies at High Redshift: Formation Sites for Low-Metal Globular Clusters. <i>Proceedings of the International Astronomical Union</i> , 2012 , 10, 257-258	0.1	
87	LITTLE THINGS. <i>Astronomical Journal</i> , 2012 , 144, 134	4.9	221
86	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
85	OUTSIDE-IN SHRINKING OF THE STAR-FORMING DISK OF DWARF IRREGULAR GALAXIES. <i>Astronomical Journal</i> , 2012 , 143, 47	4.9	98

84	THE STELLAR AND GAS KINEMATICS OF THE LITTLE THINGS DWARF IRREGULAR GALAXY NGC 1569. <i>Astronomical Journal</i> , 2012 , 144, 152	4.9	33
83	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
82	GMC Origins and Turbulent Motions in Spiral and Dwarf Galaxies. <i>Proceedings of the International Astronomical Union</i> , 2012 , 8, 35-38	0.1	1
81	ON THE INITIAL CONDITIONS FOR STAR FORMATION AND THE INITIAL MASS FUNCTION. <i>Astrophysical Journal</i> , 2011 , 731, 61	4.7	51
80	GRAVITATIONAL INSTABILITIES IN TWO-COMPONENT GALAXY DISKS WITH GAS DISSIPATION. <i>Astrophysical Journal</i> , 2011 , 737, 10	4.7	77
79	What triggers star formation in galaxies?. <i>Proceedings of the International Astronomical Union</i> , 2011 , 7, 317-329	0.1	5
78	THICK DISKS OF EDGE-ON GALAXIES SEEN THROUGH THE SPITZER SURVEY OF STELLAR STRUCTURE IN GALAXIES (S4G): LAIR OF MISSING BARYONS?. <i>Astrophysical Journal</i> , 2011 , 741, 28	4.7	83
77	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
76	VII Zw 403: H I STRUCTURE IN A BLUE COMPACT DWARF GALAXY. <i>Astronomical Journal</i> , 2011 , 142, 82	4.9	13
75	THE OUTER DISKS OF DWARF IRREGULAR GALAXIES. <i>Astronomical Journal</i> , 2011 , 142, 121	4.9	32
74	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
73	ACCRETION-DRIVEN TURBULENCE AND THE TRANSITION TO GLOBAL INSTABILITY IN YOUNG GALAXY DISKS. <i>Astrophysical Journal</i> , 2010 , 712, 294-302	4.7	96
72	TADPOLE GALAXIES IN THE HUBBLE ULTRA DEEP FIELD. <i>Astrophysical Journal</i> , 2010 , 722, 1895-1907	4.7	24
71	GALEX ULTRAVIOLET IMAGING OF DWARF GALAXIES AND STAR FORMATION RATES. <i>Astronomical Journal</i> , 2010 , 139, 447-475	4.9	111
70	Future Trends in Computing. <i>Proceedings of the International Astronomical Union</i> , 2010 , 6, 407-414	0.1	0
69	ON THE DISRUPTION OF STAR CLUSTERS IN A HIERARCHICAL INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2010 , 712, 604-623	4.7	58
68	BRIGHT ULTRAVIOLET REGIONS AND STAR FORMATION CHARACTERISTICS IN NEARBY DWARF GALAXIES. <i>Astronomical Journal</i> , 2009 , 138, 1203-1229	4.9	23
67	A pressure dependence for bound and unbound clusters. <i>Astrophysics and Space Science</i> , 2009 , 324, 83-89.6	0.6	4

66	The nature and nurture of star clusters. <i>Proceedings of the International Astronomical Union</i> , 2009 , 5, 3-13	0.1	5
65	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
64	CLUMPY GALAXIES IN GOODS AND GEMS: MASSIVE ANALOGS OF LOCAL DWARF IRREGULARS. <i>Astrophysical Journal</i> , 2009 , 701, 306-329	4.7	131
63	Star Formation in Disks: Spiral Arms, Turbulence, and Triggering Mechanisms. <i>Proceedings of the International Astronomical Union</i> , 2008 , 4, 289-300	0.1	3
62	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
61	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
60	Astronomy. Dark matter in galactic collisional debris. <i>Science</i> , 2007 , 316, 1132-3	33.3	5
59	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
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