

CITATION REPORT

List of articles citing

The initial mass function of stars: evidence for uniformity in variable systems

DOI: 10.1126/science.1067524
Science, 2002, 295, 82-91.

Source: <https://exaly.com/paper-pdf/34054284/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1271	Isolated star formation: from cloud formation to core collapse. <i>Science</i> , 2002 , 295, 76-81	33.3	41
1270	Clustered star formation and the origin of stellar masses. <i>Science</i> , 2002 , 295, 68-76	33.3	35
1269	Gravitational Microlensing Events Due to Stellar-Mass Black Holes. <i>Astrophysical Journal</i> , 2002 , 579, 639-659	17.7	86
1268	Exploring the Full Stellar Population of the Upper Scorpius OB Association. <i>Astronomical Journal</i> , 2002 , 124, 404-416	4.9	262
1267	The star cluster system of the NGC 1763 starburst. <i>Astronomy and Astrophysics</i> , 2002 , 391, 857-873	5.1	20
1266	Faint stars in the Ursa Minor dwarf spheroidal galaxy: implications for the low-mass stellar initial mass function at high redshift. 2002 , 7, 395-433		52
1265	Optimal photometry for colour-magnitude diagrams and its application to NGC 2547. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002 , 335, 291-310	4.3	64
1264	On the mass function of star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002 , 336, 1188-1194	11.94	153
1263	MODEST-2: a summary. 2003 , 8, 605-628		30
1262	The dynamical evolution of Taurus-Auriga-type aggregates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 346, 343-353	4.3	57
1261	On the origin of brown dwarfs and free-floating planetary-mass objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 346, 369-380	4.3	94
1260	On biases in the predictions of stellar population synthesis models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 338, 481-496	4.3	66
1259	Chemical enrichment by Wolf-Rayet and asymptotic giant branch stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 338, 973-989	4.3	40
1258	Stellar collisions in galactic centres: black hole growth and colour gradients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 339, 189-211	4.3	10
1257	The formation of a star cluster: predicting the properties of stars and brown dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 339, 577-599	4.3	570
1256	Chemical enrichment by Wolf-Rayet stars: non-solar metallicities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 341, 299-325	4.3	26
1255	Core dissolution and the dynamics of massive stars in young stellar clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 342, 314-320	4.3	15

1254	MODEST-1: Integrating stellar evolution and stellar dynamics. 2003 , 8, 337-370		33
1253	Galactic Stellar and Substellar Initial Mass Function. 2003 , 115, 763-795		5486
1252	The physics of star formation. 2003 , 66, 1651-1697		199
1251	Embedded Clusters in Molecular Clouds. 2003 , 41, 57-115		2092
1250	Constraints on a Universal Stellar Initial Mass Function from Ultraviolet to Near-Infrared Galaxy Luminosity Densities. <i>Astrophysical Journal</i> , 2003 , 593, 258-271	4-7	202
1249	The Optical and Near-Infrared Properties of Galaxies. I. Luminosity and Stellar Mass Functions. 2003 , 149, 289-312		1691
1248	Galactic-Field Initial Mass Functions of Massive Stars. <i>Astrophysical Journal</i> , 2003 , 598, 1076-1078	4-7	343
1247	The Formation of Stellar Clusters in Turbulent Molecular Clouds: Effects of the Equation of State. <i>Astrophysical Journal</i> , 2003 , 592, 975-985	4-7	149
1246	Draco: A Failure of the Tidal Model. <i>Astrophysical Journal</i> , 2003 , 589, 798-809	4-7	49
1245	On the relative frequencies of core-collapse supernovae sub-types: The role of progenitor metallicity. <i>Astronomy and Astrophysics</i> , 2003 , 406, 259-264	5-1	61
1244	Evolving Spectra of Population III Stars: Consequences for Cosmological Reionization. <i>Astrophysical Journal</i> , 2003 , 584, 621-632	4-7	72
1243	A Study of the Luminosity and Mass Functions of the Young IC 348 Cluster Using FLAMINGOS Wide-Field Near-Infrared Images. <i>Astronomical Journal</i> , 2003 , 125, 2029-2049	4-9	106
1242	Cool Companions to White Dwarfs from the Two Micron All-Sky Survey Second Incremental Data Release. <i>Astrophysical Journal</i> , 2003 , 586, 1356-1363	4-7	44
1241	Candidate Brown Dwarfs in Orion OB1b. 2003 , 211, 123-124		
1240	Formation of massive binaries. 2003 , 212, 80-90		14
1239	Very Low Mass Stars and Brown Dwarf Candidates in Orion OB1a and OB1b. 2003 , 211, 119-122		
1238	The massive star Initial Mass function. 2003 , 212, 642-651		4
1237	Luminosity and Mass Function of the Galactic open cluster NGC 2422. <i>Astronomy and Astrophysics</i> , 2003 , 404, 927-937	5-1	24

1236	Quantifying the Bimodal Color-Magnitude Distribution of Galaxies. <i>Astrophysical Journal</i> , 2004 , 600, 681-694	1079
1235	Multi-wavelength observations of the star forming region in L1616. <i>Astronomy and Astrophysics</i> , 2004 , 416, 677-697	5.1 10
1234	Observational Properties of Synthetic Visual Binary. 2004 , 191, 263-264	
1233	The structure and environment of young stellar clusters in spiral galaxies. <i>Astronomy and Astrophysics</i> , 2004 , 416, 537-553	5.1 155
1232	Mass segregation in young Magellanic Cloud star clusters: Four clusters observed with HST. <i>Astronomy and Astrophysics</i> , 2004 , 416, 137-155	5.1 77
1231	Continuous star formation in IZw18. <i>Astronomy and Astrophysics</i> , 2004 , 426, 37-51	5.1 32
1230	Gamma rays from the Galactic bulge and large extra dimensions. 2004 , 92, 111102	15
1229	Control of star formation by supersonic turbulence. 2004 , 76, 125-194	1206
1228	Monte Carlo Modeling of Non-Gravitational Heating Processes in Galaxy Clusters. 2004 , 56, 1-16	4
1227	On the mass-to-light ratio and the initial mass function in disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 347, 691-719	4.3 116
1226	The dependence of the substellar initial mass function on the initial conditions for star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 347, 759-770	4.3 58
1225	Evidence for a fundamental stellar upper mass limit from clustered star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 348, 187-191	4.3 182
1224	Interpreting the colour-magnitude diagrams of open star clusters through numerical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 351, 649-662	4.3 35
1223	Is the initial mass function of low surface brightness galaxies dominated by low-mass stars?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 353, 113-117	4.3 43
1222	Comments on Gravoturbulent Star Formation. 2004 , 292, 215-223	7
1221	Massive stars: their birth sites and distribution. 2004 , 48, 47-54	25
1220	On the recent star formation history of the Milky Way disk. 2004 , 9, 475-502	49
1219	Cosmic and Galactic neutrino backgrounds from thermonuclear sources. 2004 , 20, 683-701	6

1218	The First Stars. 2004 , 42, 79-118		614
1217	Can a "Standard" Initial Mass Function Explain the Metal Enrichment in Clusters of Galaxies?. <i>Astrophysical Journal</i> , 2004 , 604, 579-595	4-7	55
1216	The Mass Discrepancy-Acceleration Relation: Disk Mass and the Dark Matter Distribution. <i>Astrophysical Journal</i> , 2004 , 609, 652-666	4-7	149
1215	Photometric Identification of the Low-Mass Population of Orion OB1b. I. The ϵ Orionis Cluster. <i>Astronomical Journal</i> , 2004 , 128, 2316-2330	4-9	95
1214	The Formation of Self-Gravitating Cores in Turbulent Magnetized Clouds. <i>Astrophysical Journal</i> , 2004 , 605, 800-818	4-7	115
1213	An Explanation for Metallicity Effects on X-Ray Binary Properties. <i>Astrophysical Journal</i> , 2004 , 606, 430-435	4-7	39
1212	An X-Ray Census of Young Stars in the Chamaeleon I North Cloud. <i>Astrophysical Journal</i> , 2004 , 614, 267-283	4-7	34
1211	Spectroscopic Identification of Faint White Dwarf Candidates in the Praesepe Open Star Cluster. <i>Astronomical Journal</i> , 2004 , 128, 1784-1789	4-9	3
1210	Galaxy Clustering and Galaxy Bias in a Λ CDM Universe. <i>Astrophysical Journal</i> , 2004 , 601, 1-21	4-7	101
1209	Formation of Massive Black Holes in Dense Star Clusters. I. Mass Segregation and Core Collapse. <i>Astrophysical Journal</i> , 2004 , 604, 632-652	4-7	277
1208	Dynamical Mass Estimates for Five Young Massive Stellar Clusters. <i>Astronomical Journal</i> , 2004 , 128, 2295-2305	4-9	48
1207	Star Formation on the Move?. <i>Astrophysical Journal</i> , 2004 , 614, 194-202	4-7	65
1206	Structure of Disk-dominated Galaxies. II. Color Gradients and Stellar Population Models. 2004 , 152, 175-199		172
1205	Confrontation of Modified Newtonian Dynamics Predictions with Wilkinson Microwave Anisotropy Probe First Year Data. <i>Astrophysical Journal</i> , 2004 , 611, 26-39	4-7	36
1204	Spatial dependence of 2MASS luminosity and mass functions in the old open cluster NGC 188. <i>Astronomy and Astrophysics</i> , 2005 , 433, 917-929	5-1	61
1203	The Variation of Integrated Star Initial Mass Functions among Galaxies. <i>Astrophysical Journal</i> , 2005 , 625, 754-762	4-7	144
1202	OB Associations, Supernova-generated Superbubbles, and the Source of Cosmic Rays. <i>Astrophysical Journal</i> , 2005 , 628, 738-749	4-7	73
1201	Dark Matter and Stellar Mass in the Luminous Regions of Disk Galaxies. <i>Astrophysical Journal</i> , 2005 , 633, 844-856	4-7	83

1200	Constraints on Heterogeneous Galactic Chemical Evolution from Meteoritic Stardust. <i>Astrophysical Journal</i> , 2005 , 618, 281-296	4-7	46
1199	Statistical Confirmation of a Stellar Upper Mass Limit. <i>Astrophysical Journal</i> , 2005 , 620, L43-L46	4-7	116
1198	Thermal and Fragmentation Properties of Star-forming Clouds in Low-Metallicity Environments. <i>Astrophysical Journal</i> , 2005 , 626, 627-643	4-7	341
1197	Formation of Ultracompact X-Ray Binaries in Dense Star Clusters. <i>Astrophysical Journal</i> , 2005 , 621, L109-L112	4-7	47
1196	The Birth of High-Mass Stars: Accretion and/or Mergers?. <i>Astronomical Journal</i> , 2005 , 129, 2281-2293	4-9	164
1195	Cold Dark Matter, Stellar Feedback, and the Galactic Halo Abundance Pattern. <i>Astrophysical Journal</i> , 2005 , 632, 872-881	4-7	170
1194	Intermediate-Element Abundances in Galaxy Clusters. <i>Astrophysical Journal</i> , 2005 , 620, 680-696	4-7	76
1193	The Initial Mass Function toward the Low-Mass End in the Large Magellanic Cloud with Hubble Space Telescope WFPC2 Observations. <i>Astrophysical Journal</i> , 2005 , 623, 846-859	4-7	15
1192	High-Mass Star Formation. I. The Mass Distribution of Submillimeter Clumps in NGC 7538. <i>Astrophysical Journal</i> , 2005 , 625, 891-905	4-7	75
1191	The M / L * Ratio of Young Star Clusters in Galactic Mergers. <i>Astrophysical Journal</i> , 2005 , 620, L27-L30	4-7	28
1190	The Substellar Mass Function: A Bayesian Approach. <i>Astrophysical Journal</i> , 2005 , 625, 385-397	4-7	84
1189	The star-forming environment of an ultraluminous X-ray source in NGC 4559: an optical study. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 356, 12-28	4-3	72
1188	The metal enrichment of the intracluster medium in hierarchical galaxy formation models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 358, 1247-1266	4-3	87
1187	The evolution of binary fractions in globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 358, 572-584	4-3	135
1186	Structure and kinematics of edge-on galaxy discs - V. The dynamics of stellar discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 358, 503-520	4-3	76
1185	Thermal physics, cloud geometry and the stellar initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 359, 211-222	4-3	287
1184	Supernova II enrichment and the star cluster mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 359, 707-710	4-3	16
1183	The nature of parallax microlensing events towards the Galactic bulge. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 361, 128-140	4-3	10

1182	Star-forming accretion flows and the low-luminosity nuclei of giant elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 362, 983-994	4.3	31
1181	The maximum stellar mass, star-cluster formation and composite stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 365, 1333-1347	4.3	243
1180	An upper limit to the masses of stars. 2005 , 434, 192-4		206
1179	Astronomy: stellar mass limited. 2005 , 434, 148-9		8
1178	100 and 50 years ago. 2005 , 434, 149-149		
1177	The Initial Mass Function as given by the fragmentation. 2005 , 326, 754-759		3
1176	The interest in neutrinos from core collapse supernovae. 2005 , 139, 27-32		5
1175	Constraints on the star formation history of the Large Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2005 , 431, 73-85	5.1	24
1174	Physical parameters of rich LMC clusters from modeling of deep HST colour-magnitude diagrams. <i>Astronomy and Astrophysics</i> , 2005 , 435, 77-93	5.1	24
1173	The origin of massive O-type field stars. <i>Astronomy and Astrophysics</i> , 2005 , 437, 247-255	5.1	186
1172	Proper motion measurements as indicators of binarity in open clusters. <i>Astronomy and Astrophysics</i> , 2005 , 431, 943-951	5.1	24
1171	Theoretical color-magnitude diagrams and the star forming histories of interacting open multi-population model galaxies: bursts and busts. <i>Astronomy and Astrophysics</i> , 2005 , 440, 473-476	5.1	2
1170	High spatial resolution mid-infrared spectroscopy of NGC 5253: The stellar content of the embedded super-star cluster. <i>Astronomy and Astrophysics</i> , 2005 , 429, 449-467	5.1	33
1169	On the massive stellar population of the super star cluster Westerlund 1. <i>Astronomy and Astrophysics</i> , 2005 , 434, 949-969	5.1	188
1168	The IMF of the field population of 30 Doradus. <i>Astronomy and Astrophysics</i> , 2005 , 443, 851-861	5.1	16
1167	The stellar mass spectrum from non-isothermal gravoturbulent fragmentation. <i>Astronomy and Astrophysics</i> , 2005 , 435, 611-623	5.1	226
1166	Cores to Clusters. 2005 ,		1
1165	The Effect of Star Formation History on the Inferred Stellar Initial Mass Function. <i>Astrophysical Journal</i> , 2006 , 636, 149-157	4.7	45

1164	Solar System Formation and Early Evolution: the First 100 Million Years. 2006 , 39-95		2
1163	Mass segregation in rich LMC clusters from modelling of deep HST colour-magnitude diagrams. <i>Astronomy and Astrophysics</i> , 2006 , 452, 155-162	5-1	14
1162	Chandra Study of the Cepheus B Star-forming Region: Stellar Populations and the Initial Mass Function. 2006 , 163, 306-334		66
1161	Deep Near-Infrared Imaging of an Embedded Cluster in the Extreme Outer Galaxy: Census of Supernova-Triggered Star Formation. <i>Astrophysical Journal</i> , 2006 , 649, 753-758	4-7	24
1160	Low-Mass X-Ray Binaries and Metallicity Dependence: Story of Failures. <i>Astrophysical Journal</i> , 2006 , 636, 979-984	4-7	39
1159	Triggered formation and collapse of molecular cloud cores. 2006 , 2, 251-257		
1158	The formation of high mass stars. 2006 , 54, 190-198		1
1157	Discovery of an Extraordinarily Massive Cluster of Red Supergiants. <i>Astrophysical Journal</i> , 2006 , 643, 1166-1179	4-7	126
1156	Modeling the Pan-spectral Energy Distribution of Starburst Galaxies. II. Control of the Hii Region Parameters. <i>Astrophysical Journal</i> , 2006 , 647, 244-255	4-7	104
1155	Diffuse, Nonthermal X-Ray Emission from the Galactic Star Cluster Westerlund 1. <i>Astrophysical Journal</i> , 2006 , 650, 203-211	4-7	55
1154	NICMOS2/Hubble Space Telescope Observations of the Embedded Cluster Associated with Mon R2: Constraining the Substellar Initial Mass Function. <i>Astronomical Journal</i> , 2006 , 132, 2296-2308	4-9	26
1153	The Arches Cluster Mass Function. <i>Astrophysical Journal</i> , 2006 , 653, L113-L116	4-7	85
1152	Close Binary Interactions of Intermediate-Mass Black Holes: Possible Ultraluminous X-Ray Sources?. <i>Astrophysical Journal</i> , 2006 , 642, 427-437	4-7	37
1151	High-Mass Star Formation. II. The Mass Function of Submillimeter Clumps in M17. <i>Astrophysical Journal</i> , 2006 , 644, 990-1005	4-7	41
1150	How Dry is the Brown Dwarf Desert? Quantifying the Relative Number of Planets, Brown Dwarfs, and Stellar Companions around Nearby Sun-like Stars. <i>Astrophysical Journal</i> , 2006 , 640, 1051-1062	4-7	244
1149	Stellar Multiplicity and the Initial Mass Function: Most Stars Are Single. <i>Astrophysical Journal</i> , 2006 , 640, L63-L66	4-7	235
1148	High-Mass Star Formation. III. The Functional Form of the Submillimeter Clump Mass Function. <i>Astrophysical Journal</i> , 2006 , 650, 970-984	4-7	42
1147	Large-Area Mapping at 850 μ m. V. Analysis of the Clump Distribution in the Orion A South Molecular Cloud. <i>Astrophysical Journal</i> , 2006 , 653, 383-397	4-7	72

1146	The Low-Mass Initial Mass Function of the Field Population in the Large Magellanic Cloud with Hubble Space Telescope WFC2 Observations. <i>Astrophysical Journal</i> , 2006 , 641, 838-851	4.7	15
1145	Mass functions and structure of the young open cluster NGC 6611. <i>Astronomy and Astrophysics</i> , 2006 , 445, 567-577	5.1	65
1144	Evidence for the strong effect of gas removal on the internal dynamics of young stellar clusters. 2006 , 369, L9-L13		199
1143	Nuclear embedded star clusters in NGC 7582. 2006 , 369, L47-L51		25
1142	On the upper limit on stellar masses in the Large Magellanic Cloud cluster R136. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 365, 590-594	4.3	55
1141	Modelling of isolated radio pulsars and magnetars on the fossil field hypothesis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 367, 1323-1328	4.3	105
1140	The Jeans mass and the origin of the knee in the IMF. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 368, 1296-1300	4.3	89
1139	Cosmic evolution of metal densities: the enrichment of the intergalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 369, 465-478	4.3	17
1138	Constraints on the initial mass function of the first stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 369, 825-834	4.3	76
1137	On the mass of dense star clusters in starburst galaxies from spectrophotometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 369, 1392-1406	4.3	53
1136	Formation and evolution of compact binaries in globular clusters - I. Binaries with white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 372, 1043-1059	4.3	106
1135	A highly abnormal massive star mass function in the Orion Nebula cluster and the dynamical decay of trapezium systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 373, 295-304	4.3	84
1134	Gas expulsion and the destruction of massive young clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 373, 752-758	4.3	277
1133	Radioactive ^{26}Al from massive stars in the Galaxy. 2006 , 439, 45-7		524
1132	The superbubble origin for galactic cosmic rays. 2006 , 37, 1913-1917		10
1131	Rates and Properties of Type Ia Supernovae as a Function of Mass and Star Formation in Their Host Galaxies. <i>Astrophysical Journal</i> , 2006 , 648, 868-883	4.7	387
1130	3. Solar System Formation and Early Evolution: the First 100 Million Years. 2006 , 98, 39-95		49
1129	The dependence of the IMF on the density-temperature relation of prestellar gas. 2006 ,		

1128	Intermediate and extreme mass-ratio inspirals—Astrophysics, science applications and detection using LISA. 2007 , 24, R113-R169		303
1127	M stars as targets for terrestrial exoplanet searches and biosignature detection. 2007 , 7, 85-166		271
1126	Wolf-Rayet Galaxies in the Sloan Digital Sky Survey: The Metallicity Dependence of the Initial Mass Function. <i>Astrophysical Journal</i> , 2007 , 655, 851-862	4-7	21
1125	Carbon-enhanced Hypermetal-poor Stars and the Stellar IMF at Low Metallicity. <i>Astrophysical Journal</i> , 2007 , 665, 1361-1370	4-7	48
1124	The Transition from the First Stars to the Second Stars in the Early Universe. <i>Astrophysical Journal</i> , 2007 , 661, L5-L8	4-7	65
1123	A New Brown Dwarf Desert? A Scarcity of Wide Ultracool Binaries. <i>Astronomical Journal</i> , 2007 , 133, 971-978	4-7	35
1122	Photometric Properties of the Most Massive High-Redshift Galaxies. <i>Astrophysical Journal</i> , 2007 , 667, 60-78	4-7	14
1121	Carbon-Enhanced Metal-poor Stars, the Cosmic Microwave Background, and the Stellar Initial Mass Function in the Early Universe. <i>Astrophysical Journal</i> , 2007 , 664, L63-L66	4-7	54
1120	An Ultraviolet-to-Radio Broadband Spectral Atlas of Nearby Galaxies. <i>Astrophysical Journal</i> , 2007 , 655, 863-884	4-7	298
1119	The Radio Spectra of the Compact Sources in Arp 220: A Mixed Population of Supernovae and Supernova Remnants. <i>Astrophysical Journal</i> , 2007 , 659, 314-330	4-7	78
1118	The Dynamical Implications of Multiple Stellar Formation Events in Galactic Globular Clusters. <i>Astrophysical Journal</i> , 2007 , 662, 341-349	4-7	5
1117	The Young Stellar Population of NGC 4214 as Observed with the Hubble Space Telescope. II. Results. <i>Astronomical Journal</i> , 2007 , 133, 932-951	4-9	33
1116	The Rotation Velocity Attributable to Dark Matter at Intermediate Radii in Disk Galaxies. <i>Astrophysical Journal</i> , 2007 , 659, 149-161	4-7	78
1115	Binary Capture Rates for Massive Protostars. <i>Astrophysical Journal</i> , 2007 , 661, L183-L186	4-7	16
1114	Converting H α Luminosities into Star Formation Rates. <i>Astrophysical Journal</i> , 2007 , 671, 1550-1558	4-7	95
1113	Dynamical Masses of Young Star Clusters: Constraints on the Stellar IMF and Star-Formation Efficiency. 2007 , 3, 32-35		
1112	One Hundred 30 Dors?. 2007 , 3, 307-312		3
1111	The formation, disruption and properties of pressure-supported stellar systems and implications for the astrophysics of galaxies. 2007 , 3, 13-22		1

1110	Gamma rays from cosmic radioactivities. 2007 , 42, 1145-1157		2
1109	Toward Understanding Massive Star Formation. 2007 , 45, 481-563		883
1108	The building up of the disk galaxy M 33 and the evolution of the metallicity gradient. <i>Astronomy and Astrophysics</i> , 2007 , 470, 843-855	5.1	62
1107	The mass function of dense molecular cores and the origin of the IMF. <i>Astronomy and Astrophysics</i> , 2007 , 462, L17-L21	5.1	359
1106	Constraining supernova models using the hot gas in clusters of galaxies. <i>Astronomy and Astrophysics</i> , 2007 , 465, 345-355	5.1	105
1105	Brown dwarf formation by binary disruption. <i>Astronomy and Astrophysics</i> , 2007 , 466, 943-948	5.1	47
1104	Monte Carlo simulations of metal-poor star clusters. <i>Astronomy and Astrophysics</i> , 2007 , 462, 107-122	5.1	11
1103	The brightest stars of the ϵ Orionis cluster. <i>Astronomy and Astrophysics</i> , 2007 , 466, 917-930	5.1	49
1102	Formation of Stellar Clusters and the Importance of Thermodynamics for Fragmentation. 2007 , 3, 3-12		
1101	Anatomy of a young massive star cluster: NGC 1569-B. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 383, 263-276	4.3	43
1100	New brown dwarfs in Upper Sco using UKIDSS Galactic Cluster Survey science verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 374, 372-384	4.3	83
1099	A SCUBA survey of Orion – the low-mass end of the core mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 374, 1413-1420	4.3	172
1098	A possible origin of the mass-metallicity relation of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 375, 673-684	4.3	126
1097	On mini-halo encounters with stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 375, 1111-1120	4.3	40
1096	On the evolutionary history of stars and their fossil mass and light. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 379, 985-1002	4.3	97
1095	On the infant weight loss of low- to intermediate-mass star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 376, 1879-1885	4.3	29
1094	A detailed study of the enigmatic cluster M82F. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 379, 1333-1342	4.3	23
1093	The fraction of binary systems in the core of 13 low-density Galactic globular clusters*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 380, 781-791	4.3	108

1092	Star formation in young star cluster NGC 1893. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 380, 1141-1160	4-3	53
1091	Do O-stars form in isolation?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 380, 1271-1275	4-3	97
1090	The mass function of η Centauri down to 0.15 M \odot <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 381, 1575-1582	4-3	18
1089	The formation of star clusters - II. 3D simulations of magnetohydrodynamic turbulence in molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 382, 73-94	4-3	49
1088	Cluster and nebular properties of the central star-forming region of NGC 1140. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 382, 1877-1888	4-3	22
1087	Stellar contents and star formation in the young star cluster Be 59. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 383, 1241-1258	4-3	36
1086	The stellar mass spectrum in warm and dusty gas: deviations from Salpeter in the Galactic centre and in circumnuclear starburst regions. 2007 , 374, L29-L33		42
1085	The origin of the Arches stellar cluster mass function. 2007 , 381, L40-L44		50
1084	Evidence of recent changes in the local Galactic IMF of stars and substars. 2008 , 315, 13-19		2
1083	The empirical upper limit for mass loss of cool main sequence stars. 2008 , 329, 359-363		2
1082	Clustered star formation as a natural explanation for the H α cut-off in disk galaxies. 2008 , 455, 641-3		58
1081	On the fraction of intermediate-mass close binaries that explode as Type Ia supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 384, 267-277	4-3	50
1080	Stellar contents and star formation in the young open cluster Stock 8. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 384, 1675-1700	4-3	39
1079	The star formation efficiency and its relation to variations in the initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 386, 3-10	4-3	47
1078	Formation and evolution of compact binaries in globular clusters II. Binaries with neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 386, 553-576	4-3	192
1077	From star clusters to dwarf galaxies: the properties of dynamically hot stellar systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 386, 864-886	4-3	123
1076	The influence of gas expulsion and initial mass segregation on the stellar mass function of globular star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 386, 2047-2054	4-3	46
1075	The evolution of the binary population in globular clusters: a full analytical computation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 388, 307-322	4-3	35

1074	Uniting old stellar systems: from globular clusters to giant ellipticals. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 389, 1924-1936	4.3	92
1073	The initial conditions of star formation - VIII. An observational study of the Ophiuchus cloud L1688 and implications for the pre-stellar core mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 391, 205-214	4.3	50
1072	Maximum stellar mass versus cluster membership number revisited. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 391, 711-717	4.3	41
1071	Multiwavelength study of a young open cluster NGC 7419. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 391, 1279-1300	4.3	14
1070	The structure of molecular clouds and the universality of the clump mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 391, 1091-1099	4.3	47
1069	On the birthrates of Galactic neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 391, 2009-2016	4.3	129
1068	Reionization: A probe for the stellar population and the physics of the early universe. <i>Physical Review D</i> , 2008 , 78,	4.9	54
1067	An Introduction to Galactic Chemical Evolution. 2008 , 32, 311-356		20
1066	THE LARGE MAGELLANIC CLOUD'S LARGEST MOLECULAR CLOUD COMPLEX:SPITZERANALYSIS OF EMBEDDED STAR FORMATION. <i>Astronomical Journal</i> , 2008 , 136, 1442-1454	4.9	21
1065	The sub-solar initial mass function in the Large Magellanic Cloud. 2008 , 4, 250-255		
1064	The star formation history of the Magellanic Clouds. 2008 , 4, 51-60		
1063	On the chemical evolution of the Milky Way. 2008 , 4, 381-392		1
1062	A Catalog of Diffuse X-Ray-emitting Features within 20 pc of Sagittarius A*: Twenty Pulsar Wind Nebulae?. <i>Astrophysical Journal</i> , 2008 , 673, 251-263	4.7	44
1061	Evidence for a Nonuniversal Stellar Initial Mass Function from the Integrated Properties of SDSS Galaxies. <i>Astrophysical Journal</i> , 2008 , 675, 163-187	4.7	125
1060	Intermediate to low-mass stellar content of Westerlund 1. <i>Astronomy and Astrophysics</i> , 2008 , 478, 137-149	4.9	82
1059	Open cluster stability and the effects of binary stars. <i>Astronomy and Astrophysics</i> , 2008 , 492, 685-693	5.1	13
1058	Formation of Millisecond Pulsars in Globular Clusters. 2008 ,		4
1057	Evidence of Cosmic Evolution of the Stellar Initial Mass Function. <i>Astrophysical Journal</i> , 2008 , 674, 29-50	4.7	198

1056	Modeling the Dust Properties of $z \sim 6$ Quasars with ART2-All-Wavelength Radiative Transfer with Adaptive Refinement Tree. <i>Astrophysical Journal</i> , 2008 , 678, 41-63	4.7	51
1055	On the Evolution of the Dense Core Mass Function. <i>Astrophysical Journal</i> , 2008 , 679, 552-556	4.7	39
1054	The Young Population of the Chamaeleon II Dark Cloud. <i>Astrophysical Journal</i> , 2008 , 680, 1295-1318	4.7	68
1053	A Comprehensive Comparison of the Sun to Other Stars: Searching for Self-Selection Effects. <i>Astrophysical Journal</i> , 2008 , 684, 691-706	4.7	28
1052	Low-Mass X-Ray Binaries and Globular Clusters in Early-Type Galaxies. I. Chandra Observations. <i>Astrophysical Journal</i> , 2008 , 689, 983-1004	4.7	47
1051	UV Radiation Fields Produced by Young Embedded Star Clusters. <i>Astrophysical Journal</i> , 2008 , 675, 1361-1374	4.7	65
1050	Core Mass Function: The Role of Gravity. <i>Astrophysical Journal</i> , 2008 , 678, L105-L108	4.7	35
1049	The Scale-Free Character of the Cluster Mass Function and the Universality of the Stellar Initial Mass Function. <i>Astrophysical Journal</i> , 2008 , 689, 816-824	4.7	19
1048	THE INITIAL MASS FUNCTION AND YOUNG BROWN DWARF CANDIDATES IN NGC 2264. III. PHOTOMETRIC DATA. <i>Astronomical Journal</i> , 2008 , 135, 441-466	4.9	49
1047	The Stellar Population and Origin of the Mysterious High-Latitude Star-forming Cloud CG 12. <i>Astrophysical Journal</i> , 2008 , 673, 331-353	4.7	14
1046	The Initial Mass Function of the Massive Star-forming Region NGC 3603 from Near-Infrared Adaptive Optics Observations. <i>Astrophysical Journal</i> , 2008 , 675, 1319-1342	4.7	133
1045	A Chandra Study of the Rosette Star-forming Complex. I. The Stellar Population and Structure of the Young Open Cluster NGC 2244. <i>Astrophysical Journal</i> , 2008 , 675, 464-490	4.7	96
1044	The Initial-Final Mass Relation: Direct Constraints at the Low-Mass End. <i>Astrophysical Journal</i> , 2008 , 676, 594-609	4.7	242
1043	The Initial Mass Function of the Stellar Association NGC 602 in the Small Magellanic Cloud with Hubble Space Telescope ACS Observations. <i>Astrophysical Journal</i> , 2008 , 681, 290-302	4.7	30
1042	Analytical Theory for the Initial Mass Function: CO Clumps and Prestellar Cores. <i>Astrophysical Journal</i> , 2008 , 684, 395-410	4.7	389
1041	STOCHASTIC "BEADS ON A STRING" IN THE ACCRETION TAIL OF ARP 285. <i>Astronomical Journal</i> , 2008 , 135, 2406-2423	4.9	35
1040	Globular Cluster Abundances from High-Resolution Integrated-Light Spectra. I. 47 Tuc. <i>Astrophysical Journal</i> , 2008 , 684, 326-347	4.7	60
1039	MASS FUNCTIONS AND PHOTOMETRIC BINARIES IN NINE OPEN CLUSTERS. <i>Astronomical Journal</i> , 2008 , 135, 1934-1945	4.9	31

1038	THE LUMINOSITY AND MASS FUNCTIONS OF LOW-MASS STARS IN THE GALACTIC DISK. I. THE CALIBRATION REGION. <i>Astronomical Journal</i> , 2008 , 136, 1778-1798	4.9	74
1037	The M31 Microlensing Event WeCAPP-GL1/POINT-AGAPE-S3: Evidence for a MACHO Component in the Dark Halo of M31?. <i>Astrophysical Journal</i> , 2008 , 684, 1093-1109	4.7	31
1036	THE STELLAR MASS DISTRIBUTION IN THE GIANT STAR FORMING REGION NGC 346. <i>Astronomical Journal</i> , 2008 , 135, 173-181	4.9	59
1035	A Search for New Galactic Magnetars in ArchivalChandraandXMM-NewtonObservations. <i>Astrophysical Journal</i> , 2008 , 680, 639-653	4.7	25
1034	The Total Merger Rate of Compact Object Binaries in the Local Universe. <i>Astrophysical Journal</i> , 2008 , 676, 1162-1169	4.7	101
1033	The Star Formation in the L1615/L1616 Cometary Cloud. <i>Astrophysical Journal</i> , 2008 , 687, 1303-1322	4.7	58
1032	Modeling the Pan-Spectral Energy Distribution of Starburst Galaxies. IV. The Controlling Parameters of the Starburst SED. 2008 , 176, 438-456		165
1031	On the Constancy of the Characteristic Mass of Young Stars. <i>Astrophysical Journal</i> , 2008 , 681, 365-374	4.7	82
1030	Evolution of interstellar dust and stardust in the solar neighbourhood. <i>Astronomy and Astrophysics</i> , 2008 , 479, 453-480	5.1	231
1029	Brown dwarfs and very low mass stars in the Hyades cluster: a dynamically evolved mass function. <i>Astronomy and Astrophysics</i> , 2008 , 481, 661-672	5.1	71
1028	Encounters in the ONC âobserving imprints of star-disc interactions. <i>Astronomy and Astrophysics</i> , 2008 , 488, 191-202	5.1	25
1027	Importance of Thermodynamics for Fragmentation and Star Formation. 2008 , 31, 3-8		
1026	Ages and metallicities of circumnuclear star formation regions from Gemini IFU observations. <i>Astronomy and Astrophysics</i> , 2008 , 482, 59-65	5.1	33
1025	Protostar Mass due to Infall and Dispersal. <i>Astrophysical Journal</i> , 2008 , 687, 340-353	4.7	34
1024	Microlensing constraints on the Galactic bulge initial mass function. <i>Astronomy and Astrophysics</i> , 2008 , 480, 723-733	5.1	40
1023	MAMBO mapping of Spitzer c2d small clouds and cores. <i>Astronomy and Astrophysics</i> , 2008 , 487, 993-1017	5.1	388
1022	The metallicity distribution of the halo and the satellites of the Milky Way in the hierarchical merging paradigm. <i>Astronomy and Astrophysics</i> , 2008 , 489, 525-532	5.1	30
1021	THE FUNDAMENTAL GAS DEPLETION AND STELLAR-MASS BUILDUP TIMES OF STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2009 , 706, 516-524	4.7	39

1020	COMPACT STAR CLUSTERS IN THE M31 DISK. <i>Astrophysical Journal</i> , 2009 , 703, 1872-1883	4.7	24
1019	THE LOW-MASS INITIAL MASS FUNCTION IN THE 30 DORADUS STARBURST CLUSTER. <i>Astrophysical Journal</i> , 2009 , 707, 1347-1360	4.7	64
1018	DETERMINING STAR FORMATION RATES FOR INFRARED GALAXIES. <i>Astrophysical Journal</i> , 2009 , 692, 556-573	4.7	449
1017	YOUNG BROWN DWARFS IN THE CORE OF THE W3 MAIN STAR-FORMING REGION. <i>Astrophysical Journal</i> , 2009 , 693, 634-647	4.7	10
1016	THE STAR FORMATION LAW AT LOW SURFACE DENSITY. <i>Astrophysical Journal</i> , 2009 , 696, 1834-1853	4.7	106
1015	SHOCK-GENERATED VORTICITY IN THE INTERSTELLAR MEDIUM AND THE ORIGIN OF THE STELLAR INITIAL MASS FUNCTION. <i>Astrophysical Journal</i> , 2009 , 702, 39-49	4.7	33
1014	A NEAR-INFRARED STUDY OF THE STELLAR CLUSTER: [DBS2003] 45. <i>Astrophysical Journal</i> , 2009 , 702, 929-939	4.7	5
1013	ACHANDRASTUDY OF THE ROSETTE STAR-FORMING COMPLEX. II. CLUSTERS IN THE ROSETTE MOLECULAR CLOUD. <i>Astrophysical Journal</i> , 2009 , 696, 47-65	4.7	31
1012	M31 GLOBULAR CLUSTER ABUNDANCES FROM HIGH-RESOLUTION, INTEGRATED-LIGHT SPECTROSCOPY. <i>Astrophysical Journal</i> , 2009 , 704, 385-414	4.7	61
1011	UNUSUALLY WIDE BINARIES: ARE THEY WIDE OR UNUSUAL?. <i>Astrophysical Journal</i> , 2009 , 703, 1511-1530	4.7	81
1010	Recovery of the star formation history of the LMC from the VISTA survey of the Magellanic system. <i>Astronomy and Astrophysics</i> , 2009 , 499, 697-710	5.1	31
1009	ON THE DISTRIBUTION OF PROTOSTAR MASSES. <i>Astrophysical Journal</i> , 2009 , 706, 1341-1352	4.7	34
1008	The mass function of young star clusters in spiral galaxies. <i>Astronomy and Astrophysics</i> , 2009 , 494, 539-551	5.1	154
1007	EVIDENCE FOR A NONUNIFORM INITIAL MASS FUNCTION IN THE LOCAL UNIVERSE. <i>Astrophysical Journal</i> , 2009 , 695, 765-780	4.7	200
1006	STAR FORMATION AT VERY LOW METALLICITY. IV. FRAGMENTATION DOES NOT DEPEND ON METALLICITY FOR COLD INITIAL CONDITIONS. <i>Astrophysical Journal</i> , 2009 , 696, 1065-1074	4.7	44
1005	MASSCLEAN—MASSIVE CLUSTER EVOLUTION AND ANALYSIS PACKAGE: DESCRIPTION AND TESTS. <i>Astronomical Journal</i> , 2009 , 138, 1724-1740	4.9	31
1004	TESTING FUNDAMENTAL PHYSICS WITH DISTANT STAR CLUSTERS: ANALYSIS OF OBSERVATIONAL DATA ON PALOMAR 14, . <i>Astronomical Journal</i> , 2009 , 137, 4586-4596	4.9	60
1003	MAPPING THE SPATIAL DISTRIBUTION OF DUST EXTINCTION IN NGC 959 USING BROADBAND VISIBLE AND MID-INFRARED FILTERS. <i>Astronomical Journal</i> , 2009 , 138, 1634-1654	4.9	7

1002	Our Nearest 15 Million Neighbors: The Field Low-Mass Stellar Luminosity and Mass Functions. 2009 ,		4
1001	The Large Scale IMF—from local studies to large scale Star-formation. 2009 ,		
1000	CANDIDATE TIDAL DWARF GALAXIES IN Arp 305: LESSONS ON DWARF DETACHMENT AND GLOBULAR CLUSTER FORMATION. <i>Astronomical Journal</i> , 2009 , 137, 4643-4654	4-9	45
999	The mass-to-light ratio of rich star clusters. 2009 , 324, 265-269		
998	Dynamical mass estimates of young massive clusters in NGC1140 and M83. 2009 , 324, 177-182		2
997	The influence of multiple stars on the high-mass stellar initial mass function and age dating of young massive star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 393, 663-680	4-3	41
996	Multiwavelength study of M33's giant H ii regions NGC 588 and NGC 592. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 394, 1847-1856	4-3	6
995	Using the minimum spanning tree to trace mass segregation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 395, 1449-1454	4-3	153
994	Diverging UV and H α Fluxes of star-forming galaxies predicted by the IGIMF theory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 395, 394-400	4-3	82
993	Triggered star formation and evolution of T-Tauri stars in and around bright-rimmed clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 396, 964-983	4-3	52
992	The dependence of star formation on initial conditions and molecular cloud structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 397, 232-248	4-3	75
991	Do binaries in clusters form in the same way as in the field?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 397, 1577-1586	4-3	76
990	The role of cluster evolution in disrupting planetary systems and discs: the Kozai mechanism. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 397, 1041-1045	4-3	37
989	Chemical evolution of local galaxies in a hierarchical model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 400, 1347-1365	4-3	65
988	Large Magellanic Cloud self-lensing for OGLE-II microlensing observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 400, 1625-1631	4-3	16
987	The star-forming molecular gas in high-redshift Submillimetre Galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 400, 1919-1935	4-3	77
986	The importance of radiative feedback for the stellar initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 392, 1363-1380	4-3	213
985	What does a universal initial mass function imply about star formation?. 2009 , 397, L36-L40		17

984	Competitive feedback in galaxy formation. 2009 , 398, L54-L57		45
983	THE SPITZER c2d LEGACY RESULTS: STAR-FORMATION RATES AND EFFICIENCIES; EVOLUTION AND LIFETIMES. 2009 , 181, 321-350		1091
982	THE PALOMAR/KECK ADAPTIVE OPTICS SURVEY OF YOUNG SOLAR ANALOGS: EVIDENCE FOR A UNIVERSAL COMPANION MASS FUNCTION. 2009 , 181, 62-109		183
981	THE SPITZER LOCAL VOLUME LEGACY: SURVEY DESCRIPTION AND INFRARED PHOTOMETRY. <i>Astrophysical Journal</i> , 2009 , 703, 517-556	4-7	361
980	DYNAMICAL MASS SEGREGATION ON A VERY SHORT TIMESCALE. <i>Astrophysical Journal</i> , 2009 , 700, L99-L103	4-7	183
979	PROTOPLANETARY DISK EVOLUTION AROUND THE TRIGGERED STAR-FORMING REGION CEPHEUS B. <i>Astrophysical Journal</i> , 2009 , 699, 1454-1472	4-7	38
978	ANALYTICAL THEORY FOR THE INITIAL MASS FUNCTION. II. PROPERTIES OF THE FLOW. <i>Astrophysical Journal</i> , 2009 , 702, 1428-1442	4-7	155
977	Massive binaries and the enrichment of the interstellar medium in globular clusters. 2009 , 5, 169-174		0
976	massclean (MASSive CLuster Evolution and ANalysis Package): description, tests, and results. 2009 , 5, 511-515		
975	The massive star-forming region Cygnus OB2. 2009 , 5, 551-554		
974	The formation of brown dwarfs. 2009 , 5, 264-271		4
973	Do Low Luminosity Stars Matter?. 2009 , 5, 47-60		
972	INFLUENCE OF PRIMORDIAL MAGNETIC FIELDS ON 21 CM EMISSION. <i>Astrophysical Journal</i> , 2009 , 692, 236-245	4-7	33
971	THE COMPLETE INITIAL MASS FUNCTION DOWN TO THE SUBSOLAR REGIME IN THE LARGE MAGELLANIC CLOUD WITH HUBBLE SPACE TELESCOPE ACS OBSERVATIONS. <i>Astrophysical Journal</i> , 2009 , 696, 528-545	4-7	44
970	STARDUST FROM ASYMPTOTIC GIANT BRANCH STARS. <i>Astrophysical Journal</i> , 2009 , 698, 1136-1154	4-7	67
969	Collisions of supersonic clouds. 2010 , 6, 355-358		
968	Theories of the initial mass function. 2010 , 6, 159-168		5
967	Origin of the elements. 54-84		

966	THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY. IV. THE STAR FORMATION HISTORY OF NGC 2976. <i>Astrophysical Journal</i> , 2010 , 709, 135-148	4-7	29
965	THE EVOLUTION OF THE STAR FORMATION RATE OF GALAXIES AT 0.0 z ? 1.2. <i>Astrophysical Journal</i> , 2010 , 718, 1171-1185	4-7	51
964	THE MASSIVE STAR-FORMING REGION CYGNUS OB2. II. INTEGRATED STELLAR PROPERTIES AND THE STAR FORMATION HISTORY. <i>Astrophysical Journal</i> , 2010 , 713, 871-882	4-7	66
963	ON THE SPATIAL DISTRIBUTION AND THE ORIGIN OF HYPERVELOCITY STARS. <i>Astrophysical Journal</i> , 2010 , 709, 1356-1361	4-7	35
962	FORMATION OF BLACK HOLE X-RAY BINARIES IN GLOBULAR CLUSTERS. <i>Astrophysical Journal</i> , 2010 , 717, 948-957	4-7	67
961	THE STAR FORMATION RATE AND GAS SURFACE DENSITY RELATION IN THE MILKY WAY: IMPLICATIONS FOR EXTRAGALACTIC STUDIES. <i>Astrophysical Journal</i> , 2010 , 723, 1019-1037	4-7	356
960	THE ACS LCID PROJECT. III. THE STAR FORMATION HISTORY OF THE CETUS dSph GALAXY: A POST-REIONIZATION FOSSIL. <i>Astrophysical Journal</i> , 2010 , 720, 1225-1245	4-7	115
959	The Stellar IMF in Low-Metallicity Gas. 2010 ,		
958	EVOLUTIONARY SIGNATURES IN THE FORMATION OF LOW-MASS PROTOSTARS. II. TOWARD RECONCILING MODELS AND OBSERVATIONS. <i>Astrophysical Journal</i> , 2010 , 710, 470-502	4-7	138
957	The physics and modes of star cluster formation: simulations. 2010 , 368, 733-54		15
956	LOW-METALLICITY STAR FORMATION: PRESTELLAR COLLAPSE AND PROTOSTELLAR ACCRETION IN THE SPHERICAL SYMMETRY. <i>Astrophysical Journal</i> , 2010 , 722, 1793-1815	4-7	76
955	VERY HIGH GAS FRACTIONS AND EXTENDED GAS RESERVOIRS IN $z = 1.5$ DISK GALAXIES. <i>Astrophysical Journal</i> , 2010 , 713, 686-707	4-7	685
954	MEASURING THE CLUMP MASS FUNCTION IN THE AGE OF SCUBA2, HERSCHEL, AND ALMA. <i>Astrophysical Journal</i> , 2010 , 719, 561-575	4-7	31
953	DIFFERENT STAR FORMATION LAWS FOR DISKS VERSUS STARBURSTS AT LOW AND HIGH REDSHIFTS. 2010 , 714, L118-L122		542
952	FRAGMENTATION AND EVOLUTION OF MOLECULAR CLOUDS. II. THE EFFECT OF DUST HEATING. <i>Astrophysical Journal</i> , 2010 , 710, 1343-1364	4-7	41
951	HIERARCHICAL STELLAR STRUCTURES IN THE LOCAL GROUP DWARF GALAXY NGC 6822. <i>Astrophysical Journal</i> , 2010 , 725, 1717-1734	4-7	31
950	LIMITING ACCRETION ONTO MASSIVE STARS BY FRAGMENTATION-INDUCED STARVATION. <i>Astrophysical Journal</i> , 2010 , 725, 134-145	4-7	133
949	A METHOD FOR MEASURING VARIATIONS IN THE STELLAR INITIAL MASS FUNCTION. 2010 , 719, L158-L161		36

948	MASSCLEAN COLORS â€”MASS-DEPENDENT INTEGRATED COLORS FOR STELLAR CLUSTERS DERIVED FROM 30 MILLION MONTE CARLO SIMULATIONS. 2010 , 713, L21-L27		29
947	MASSCLEANageâ€”STELLAR CLUSTER AGES FROM INTEGRATED COLORS. <i>Astrophysical Journal</i> , 2010 , 724, 296-305	4-7	39
946	SUPER STAR CLUSTERS VERSUS OB ASSOCIATIONS. <i>Astrophysical Journal</i> , 2010 , 724, 1503-1508	4-7	39
945	A WIDE AREA SURVEY FOR HIGH-REDSHIFT MASSIVE GALAXIES. II. NEAR-INFRARED SPECTROSCOPY OF BzK-SELECTED MASSIVE STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2010 , 715, 385-405	4-7	26
944	The Galactic Center massive black hole and nuclear star cluster. 2010 , 82, 3121-3195		678
943	Constraining the low-mass end of the initial mass function with gravitational lensing. 2010 , 409, L30-L34		35
942	The R136 star cluster hosts several stars whose individual masses greatly exceed the accepted 150 M \odot stellar mass limit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 408, 731-751	4-3	355
941	Integral field spectroscopy of H ii region complexes: the outer disc of NGC 6946. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 408, 2234-2255	4-3	27
940	Reconstructing the Arches cluster - I. Constraining the initial conditions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 409, 628-638	4-3	36
939	IC 2602: a lithium depletion boundary age and new candidate low-mass stellar members?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 409, 1002-1012	4-3	47
938	Escaping stars from young low-N clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , no-no	4-3	4
937	Top-heavy integrated galactic stellar initial mass functions in starbursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , no-no	4-3	16
936	The relation between the most-massive star and its parental star cluster mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 401, 275-293	4-3	165
935	Mass loss and expansion of ultra compact dwarf galaxies through gas expulsion and stellar evolution for top-heavy stellar initial mass functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 403, 1054-1071	4-3	35
934	Properties of hierarchically forming star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 404, 1061-1080	4-3	76
933	Disentangling the metallicity and star formation history of H ii galaxies through tailor-made models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 ,	4-3	7
932	Galaxy luminosities, stellar masses, sizes, velocity dispersions as a function of morphological type. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 ,	4-3	98
931	The IMF of stellar clusters: effects of accretion and feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 ,	4-3	16

930	The early dynamical evolution of cool, clumpy star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 407, 1098-1107	4-3	124
929	Mergers, active galactic nuclei and "normal" galaxies: contributions to the distribution of star formation rates and infrared luminosity functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 402, 1693-1713	4-3	107
928	A Renaissance study of Am stars. <i>Astronomy and Astrophysics</i> , 2010 , 524, A14	5-1	14
927	THE SPATIAL AND VELOCITY DISTRIBUTIONS OF HYPERVELOCITY STARS. <i>Astrophysical Journal</i> , 2010 , 722, 1744-1761	4-7	25
926	TIDAL DISRUPTION, GLOBAL MASS FUNCTION, AND STRUCTURAL PARAMETER EVOLUTION IN STAR CLUSTERS. <i>Astrophysical Journal</i> , 2010 , 708, 1598-1610	4-7	69
925	EXTREMELY METAL-POOR STARS IN THE MILKY WAY: A SECOND GENERATION FORMED AFTER REIONIZATION. <i>Astrophysical Journal</i> , 2010 , 712, 435-444	4-7	15
924	On the shape of the spectrum of cosmic rays accelerated inside superbubbles. <i>Astronomy and Astrophysics</i> , 2010 , 510, A101	5-1	51
923	Metal production in M 33: space and time variations. <i>Astronomy and Astrophysics</i> , 2010 , 512, A63	5-1	61
922	STAR FORMATION IN THE BULLET CLUSTER. I. THE INFRARED LUMINOSITY FUNCTION AND STAR FORMATION RATE,. <i>Astrophysical Journal</i> , 2010 , 725, 1536-1549	4-7	33
921	STAR-FORMING GAS IN YOUNG CLUSTERS. <i>Astrophysical Journal</i> , 2010 , 714, 1280-1289	4-7	12
920	THE LARSON-TINSLEY EFFECT IN THE ULTRAVIOLET: INTERACTING VERSUS "NORMAL" SPIRAL GALAXIES. <i>Astronomical Journal</i> , 2010 , 140, 1975-1986	4-9	6
919	THE INITIAL MASS FUNCTION AND YOUNG BROWN DWARF CANDIDATES IN NGC 2264. IV. THE INITIAL MASS FUNCTION AND STAR FORMATION HISTORY. <i>Astronomical Journal</i> , 2010 , 140, 2070-2085	4-9	39
918	The set of habitable planets and astrobiological regulation mechanisms. 2010 , 9, 81-87		22
917	THE LUMINOSITY AND MASS FUNCTIONS OF LOW-MASS STARS IN THE GALACTIC DISK. II. THE FIELD. <i>Astronomical Journal</i> , 2010 , 139, 2679-2699	4-9	219
916	THE ACS SURVEY OF GALACTIC GLOBULAR CLUSTERS. VIII. EFFECTS OF ENVIRONMENT ON GLOBULAR CLUSTER GLOBAL MASS FUNCTIONS. <i>Astronomical Journal</i> , 2010 , 139, 476-491	4-9	81
915	LOOKING INTO THE HEARTS OF BOK GLOBULES: MILLIMETER AND SUBMILLIMETER CONTINUUM IMAGES OF ISOLATED STAR-FORMING CORES. 2010 , 188, 139-177		54
914	SPIRALS, BRIDGES, AND TAILS: A GALAXY EVOLUTION EXPLORER ULTRAVIOLET ATLAS OF INTERACTING GALAXIES. <i>Astronomical Journal</i> , 2010 , 139, 1212-1241	4-9	49
913	Evolution of Binaries in Dense Stellar Systems. 2010 ,		3

912	A Universal Stellar Initial Mass Function? A Critical Look at Variations. 2010 , 48, 339-389		717
911	Simulations of the IMF in Clusters. 2010 , 6, 151-158		
910	Galaxy Disks. 2011 , 49, 301-371		178
909	THE BINARY FRACTION IN THE GLOBULAR CLUSTER M10 (NGC 6254): COMPARING CORE AND OUTER REGIONS. <i>Astrophysical Journal</i> , 2011 , 743, 11	4-7	32
908	Resolved photometry of extragalactic young massive star clusters. <i>Astronomy and Astrophysics</i> , 2011 , 532, A147	5-1	48
907	OUTFLOWS, ACCRETION, AND CLUSTERED PROTOSTELLAR CORES AROUND A FORMING O STAR. <i>Astrophysical Journal</i> , 2011 , 728, 6	4-7	44
906	METALLICITY AND THE UNIVERSALITY OF THE INITIAL MASS FUNCTION. <i>Astrophysical Journal</i> , 2011 , 735, 49	4-7	36
905	YOUNG RADIO PULSARS IN GALACTIC GLOBULAR CLUSTERS. <i>Astrophysical Journal</i> , 2011 , 742, 51	4-7	40
904	Evolution of the binary population in young dense star clusters. <i>Astronomy and Astrophysics</i> , 2011 , 528, A144	5-1	24
903	The mass function of IC 4665 revisited by the UKIDSS Galactic Clusters Survey. <i>Astronomy and Astrophysics</i> , 2011 , 532, A103	5-1	11
902	STAR FORMATION IN DENSE CLUSTERS. <i>Astrophysical Journal</i> , 2011 , 743, 98	4-7	27
901	RAPID DYNAMICAL MASS SEGREGATION AND PROPERTIES OF FRACTAL STAR CLUSTERS. <i>Astrophysical Journal</i> , 2011 , 732, 16	4-7	14
900	Introduction. 1-20		
899	Massive star formation in the GMC G345.5+1.0: spatial distribution of the dust emission. <i>Astronomy and Astrophysics</i> , 2011 , 534, A131	5-1	17
898	A CROSS-MATCH OF 2MASS AND SDSS. II. PECULIAR L DWARFS, UNRESOLVED BINARIES, AND THE SPACE DENSITY OF T DWARF SECONDARIES. <i>Astrophysical Journal</i> , 2011 , 732, 56	4-7	34
897	THE GLOBAL EVOLUTION OF GIANT MOLECULAR CLOUDS. II. THE ROLE OF ACCRETION. <i>Astrophysical Journal</i> , 2011 , 738, 101	4-7	92
896	Simulations of the Hyades. <i>Astronomy and Astrophysics</i> , 2011 , 536, A64	5-1	23
895	Surface convection and red-giant radius measurements. <i>Astronomy and Astrophysics</i> , 2011 , 526, A100	5-1	27

894	GLOBULAR CLUSTER ABUNDANCES FROM HIGH-RESOLUTION, INTEGRATED-LIGHT SPECTROSCOPY. III. THE LARGE MAGELLANIC CLOUD: Fe AND AGES. <i>Astrophysical Journal</i> , 2011 , 735, 55	4-7	36
893	AWISEVIEW OF STAR FORMATION IN LOCAL GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2011 , 743, 34	4-7	30
892	THE EFFECT OF DUST COOLING ON LOW-METALLICITY STAR-FORMING CLOUDS. 2011 , 729, L3		63
891	DISK EVOLUTION IN OB ASSOCIATIONS: DEEPSPIITZER/IRAC OBSERVATIONS OF IC 1795. <i>Astrophysical Journal</i> , 2011 , 733, 113	4-7	33
890	THE HISTORY OF STAR FORMATION IN GALAXY DISKS IN THE LOCAL VOLUME AS MEASURED BY THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY. 2011 , 734, L22		15
889	THE COMPLEXITY THAT THE FIRST STARS BROUGHT TO THE UNIVERSE: FRAGILITY OF METAL-ENRICHED GAS IN A RADIATION FIELD. <i>Astrophysical Journal</i> , 2011 , 737, 63	4-7	14
888	AN INITIAL MASS FUNCTION FOR INDIVIDUAL STARS IN GALACTIC DISKS. I. CONSTRAINING THE SHAPE OF THE INITIAL MASS FUNCTION. <i>Astrophysical Journal</i> , 2011 , 726, 27	4-7	40
887	FILAMENTARY CONDENSATIONS IN A YOUNG CLUSTER. <i>Astrophysical Journal</i> , 2011 , 735, 82	4-7	30
886	THE PHYSICAL CONDITIONS IN STARBURSTS DERIVED FROM BAYESIAN FITTING OF MID-INFRARED SPECTRAL ENERGY DISTRIBUTION MODELS: 30 DORADUS AS A TEMPLATE. <i>Astrophysical Journal</i> , 2011 , 738, 176	4-7	4
885	How do galaxies acquire their mass?. <i>Astronomy and Astrophysics</i> , 2011 , 533, A5	5-1	53
884	The star cluster âfield star connection in nearby spiral galaxies. <i>Astronomy and Astrophysics</i> , 2011 , 529, A25	5-1	76
883	Deep wide-field near-infrared survey of the Carina Nebula. <i>Astronomy and Astrophysics</i> , 2011 , 530, A34	5-1	44
882	MASS DISTRIBUTIONS OF STARS AND CORES IN YOUNG GROUPS AND CLUSTERS. <i>Astrophysical Journal</i> , 2011 , 735, 51	4-7	11
881	The star formation history in the far outer disc of M33. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 410, 504-516	4-3	44
880	Using microlensed quasars to probe the structure of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 410, 1135-1144	4-3	3
879	Planetary mass function and planetary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 411, 2-8	4-3	24
878	The red supergiants and Wolf-Rayet stars of NGC 604. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 411, 235-246	4-3	25
877	Simple stellar population models including blue stragglers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 411, 761-775	4-3	8

876	The dynamical evolution of very low mass binaries in open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 411, 891-900	4-3	18
875	GLIMPSE-CO1: the most massive intermediate-age stellar cluster in the Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 411, 1386-1394	4-3	43
874	On the evolution of intracluster gas within Galactic globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 411, 1935-1952	4-3	14
873	Direct N-body simulations of globular clusters - I. Palomar 14. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 411, 1989-2001	4-3	59
872	A multiwavelength census of stellar contents in the young cluster NGC 1624. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 411, 2530-2548	4-3	15
871	A photoionization model of the spatial distribution of the optical and mid-infrared properties in NGC 595. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 412, 675-683	4-3	6
870	On the mass segregation of stars and brown dwarfs in Taurus. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 412, 2489-2497	4-3	38
869	Mass segregation in diverse environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 413, 2345-2357	4-3	10
868	Abundance determination of multiple star-forming regions in the H ii galaxy SDSS J165712.75+321141.4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 414, 272-288	4-3	16
867	The effects of accretion luminosity upon fragmentation in the early universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 414, 3633-3644	4-3	88
866	The formation of permanent soft binaries in dispersing clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 415, 1179-1187	4-3	72
865	Star formation in bright-rimmed clouds and clusters associated with the W5 E H ii region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 415, 1202-1219	4-3	42
864	Disc heating: comparing the Milky Way with cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 415, 2652-2664	4-3	51
863	On the lifetime of discs around late-type stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , no-no	4-3	5
862	The initial conditions of isolated star formation - X. A suggested evolutionary diagram for pre-stellar cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 417, 216-227	4-3	13
861	Self-regulated star formation in galaxies via momentum input from massive stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 417, 950-973	4-3	34 ⁸
860	Mass segregation and fractal substructure in young massive clusters. The McLuster code and method calibration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 417, 2300-2317	4-3	102
859	Calibrated Tully-Fisher relations for improved estimates of disc rotation velocities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 417, 2347-2386	4-3	83

858	Oxford SWIFT integral field spectrograph and multiwavelength observations of the Eagle galaxy at $z=0.77$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 417, 2882-2890	4-3	1
857	The evolution of binary populations in cool, clumpy star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 418, 2565-2575	4-3	46
856	On the formation of trapezium-like systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 415, 1967-1976	4-3	41
855	Do disk galaxies with abnormally low mass-to-light ratios exist?. 2011 , 37, 751-765		4
854	Modeling IR spectral energy distributions: a pilot study of starburst parameters and silicate absorption curves for some GOALS galaxies. 2011 , 333, 225-239		5
853	Production of dust by massive stars at high redshift. 2011 , 19, 1		129
852	The CMF as provenance of the stellar IMF?. 2011 , 16, 477-484		6
851	Resolved young stellar populations in star-forming regions of the Magellanic Clouds. 2011 , 84, 048401		3
850	The origin of dust in galaxies revisited: the mechanism determining dust content. 2011 , 63, 1027-1039		49
849	AN ALL-SKY CATALOG OF BRIGHT M DWARFS. <i>Astronomical Journal</i> , 2011 , 142, 138	4-9	185
848	CARINA OB STARS: X-RAY SIGNATURES OF WIND SHOCKS AND MAGNETIC FIELDS. 2011 , 194, 5		68
847	Star Formation in Molecular Clouds. 2011 , 51, 133-167		17
846	GRAVITATIONAL FRAGMENTATION IN TURBULENT PRIMORDIAL GAS AND THE INITIAL MASS FUNCTION OF POPULATION III STARS. <i>Astrophysical Journal</i> , 2011 , 727, 110	4-7	215
845	CHARACTERIZATION OF OPTICALLY SELECTED STAR-FORMING KNOTS IN (U)LIRGs. <i>Astronomical Journal</i> , 2011 , 142, 79	4-9	16
844	PRESENT-DAY MASS FUNCTION OF SIX SMALL MAGELLANIC CLOUD INTERMEDIATE-AGE AND OLD STAR CLUSTERS. <i>Astronomical Journal</i> , 2011 , 142, 36	4-9	38
843	Optical-to-virial velocity ratios of local disc galaxies from combined kinematics and galaxy-galaxy lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 425, 2610-2640	4-3	103
842	Calibration of Star-Formation Rate Measurements Across the Electromagnetic Spectrum. 2012 , 10, 495-527		1
841	Habitability of super-Earth planets around main-sequence stars including red giant branch evolution: models based on the integrated system approach. 2012 , 11, 15-23		26

840	LIGHT DEFLECTION IN BINARY STARS. <i>Astronomical Journal</i> , 2012 , 144, 77	4.9	1
839	Elliptical galaxies kinematics within general relativity with renormalization group effects. 2012 , 2012, 031-031		7
838	Astrophysics: Stars throw their weight in old galaxies. 2012 , 484, 462-3		
837	Does the dwarf galaxy system of the Milky Way originate from Andromeda?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 427, 1769-1783	4.3	47
836	THE BARYONIC TULLY-FISHER RELATION OF GAS-RICH GALAXIES AS A TEST OF Λ CDM AND MOND. <i>Astronomical Journal</i> , 2012 , 143, 40	4.9	276
835	Rapid Mass Segregation in Massive Star Clusters. 2012 , 10, 259-261		2
834	Appendix A : The atomic physics of oxygen. 2012 , 54, 319-335		3
833	Measuring the Initial Mass Function of Low Mass Stars and Brown Dwarfs. 2012 , 57, 45-89		15
832	Formation of Low-Mass Stars and Brown Dwarfs. 2012 , 57, 91-127		3
831	CHARACTERISTICS OF STAR-FORMING REGIONS IN THE ADVANCED MINOR-MERGER, LUMINOUS INFRARED GALAXY NGC 4194. <i>Astronomical Journal</i> , 2012 , 143, 98	4.9	8
830	The reliability of age measurements for Young Stellar Objects from Hertzsprung-Russell or color-magnitude diagrams. <i>Research in Astronomy and Astrophysics</i> , 2012 , 12, 1-25	1.5	33
829	LIKELY MEMBERS OF THE PICTORIS AND AB DORADUS MOVING GROUPS IN THE NORTH. <i>Astronomical Journal</i> , 2012 , 144, 109	4.9	54
828	The ACS survey of Galactic globular clusters. <i>Astronomy and Astrophysics</i> , 2012 , 540, A16	5.1	300
827	AGE SPREAD IN W3 MAIN: LARGE BINOCULAR TELESCOPE/LUCI NEAR-INFRARED SPECTROSCOPY OF THE MASSIVE STELLAR CONTENT. <i>Astrophysical Journal</i> , 2012 , 744, 87	4.7	49
826	THE INITIAL MASS FUNCTION OF THE ORION NEBULA CLUSTER ACROSS THE H-BURNING LIMIT. <i>Astrophysical Journal</i> , 2012 , 748, 14	4.7	101
825	A comparison between star formation rate diagnostics and rate of core collapse supernovae within 11 Mpc. <i>Astronomy and Astrophysics</i> , 2012 , 537, A132	5.1	82
824	First T dwarfs in the VISTA Hemisphere Survey. <i>Astronomy and Astrophysics</i> , 2012 , 548, A53	5.1	20
823	THE COUPLING BETWEEN THE CORE/CUSP AND MISSING SATELLITE PROBLEMS. 2012 , 759, L42		168

822	LOW-MASS X-RAY BINARIES INDICATE A TOP-HEAVY STELLAR INITIAL MASS FUNCTION IN ULTRACOMPACT DWARF GALAXIES. <i>Astrophysical Journal</i> , 2012 , 747, 72	4-7	73
821	CHARACTERIZING ULTRAVIOLET AND INFRARED OBSERVATIONAL PROPERTIES FOR GALAXIES. I. INFLUENCES OF DUST ATTENUATION AND STELLAR POPULATION AGE. <i>Astrophysical Journal</i> , 2012 , 757, 52	4-7	14
820	Dynamical masses of early-type galaxies at $z \sim 2$. 2012 , 8, 37-44		
819	IRON AND HELIUM PRODUCTION IN THE FIRST ONE BILLION YEARS AFTER THE BIG BANG. <i>Astrophysical Journal</i> , 2012 , 744, 91	4-7	55
818	FEEDBACK EFFECTS ON LOW-MASS STAR FORMATION. <i>Astrophysical Journal</i> , 2012 , 747, 22	4-7	72
817	RESOLVING THE LUMINOSITY PROBLEM IN LOW-MASS STAR FORMATION. <i>Astrophysical Journal</i> , 2012 , 747, 52	4-7	135
816	LARGE BINOCULAR TELESCOPE AND SPITZER SPECTROSCOPY OF STAR-FORMING GALAXIES AT $z \sim 1$. <i>Astrophysical Journal</i> , 2012 , 755, 168	4-7	12
815	THE DEPENDENCE OF PRESTELLAR CORE MASS DISTRIBUTIONS ON THE STRUCTURE OF THE PARENTAL CLOUD. <i>Astrophysical Journal</i> , 2012 , 754, 150	4-7	6
814	An H α shell-like structure associated with nova V458 Vulpeculae?. 2012 , no-no		3
813	Turbulent molecular clouds. 2012 , 20, 1		220
812	Low-Mass Pre-Main-Sequence Stars in the Magellanic Clouds. 2012 , 169, 1-25		11
811	Galaxy And Mass Assembly (GAMA): the 0.013 Monthly Notices of the Royal Astronomical Society, 2012 , 427, 3244-3264	4-3	75
810	A search for mass segregation of stars and brown dwarfs in ρ Ophiuchi. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 3079-3085	4-3	22
809	Astrometric and photometric initial mass functions from the UKIDSS Galactic Clusters Survey - II. The Alpha Persei open cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 3403-3418	4-3	24
808	Characterizing the dynamical state of star clusters from snapshots of their spatial distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 427, 637-650	4-3	64
807	Astrometric and photometric initial mass functions from the UKIDSS Galactic Clusters Survey - III. Praesepe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 3419-3434	4-3	39
806	The Elephant Trunk Nebula and the Trumpler 37 cluster: contribution of triggered star formation to the total population of an H α region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 2917-2943	4-3	37
805	Stellar feedback and bulge formation in clumpy discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 427, 968-978	4-3	98

804	The dust energy balance in the edge-on spiral galaxy NGC 4565. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 427, 2797-2811	4.3	57
803	Galactic chemical evolution and the oxygen isotopic composition of the solar system. 2012 , 47, 2031-2048		18
802	The Formation and Early Evolution of Low-Mass Stars and Brown Dwarfs. 2012 , 50, 65-106		152
801	AGE AND MASS FOR 920 LARGE MAGELLANIC CLOUD CLUSTERS DERIVED FROM 100 MILLION MONTE CARLO SIMULATIONS. <i>Astrophysical Journal</i> , 2012 , 751, 122	4.7	44
800	GK Bootis and AE Fornacis: two low-mass eclipsing binaries with dwarf companions. <i>Astronomy and Astrophysics</i> , 2012 , 537, A109	5.1	3
799	THE STAR FORMATION HISTORY OF M32. <i>Astrophysical Journal</i> , 2012 , 745, 97	4.7	35
798	PROPER MOTIONS OF THE ARCHES CLUSTER WITH KECK LASER GUIDE STAR ADAPTIVE OPTICS: THE FIRST KINEMATIC MASS MEASUREMENT OF THE ARCHES. <i>Astrophysical Journal</i> , 2012 , 751, 132	4.7	67
797	FRAGMENTATION AND EVOLUTION OF MOLECULAR CLOUDS. III. THE EFFECT OF DUST AND GAS ENERGETICS. <i>Astrophysical Journal</i> , 2012 , 757, 59	4.7	5
796	A MONTE CARLO ANALYSIS OF THE VELOCITY DISPERSION OF THE GLOBULAR CLUSTER PALOMAR 14. <i>Astrophysical Journal</i> , 2012 , 744, 196	4.7	13
795	KECK SPECTROSCOPY OF FAINT 3 . <i>Astrophysical Journal</i> , 2012 , 751, 51	4.7	89
794	Fragmentation in the massive star-forming region IRAS 19410+2336. <i>Astronomy and Astrophysics</i> , 2012 , 545, A51	5.1	15
793	MASS AND LUMINOSITY EVOLUTION OF YOUNG STELLAR OBJECTS. <i>Astrophysical Journal</i> , 2012 , 752, 9	4.7	32
792	The impact of magnetic fields on the IMF in star-forming clouds near a supermassive black hole. <i>Astronomy and Astrophysics</i> , 2012 , 545, A46	5.1	4
791	The effect of stellar evolution uncertainties on the rest-frame ultraviolet stellar lines of C iv and He ii in high-redshift Lyman-break galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 419, 479-489	4.3	108
790	X-ray emission from star-forming galaxies - I. High-mass X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 419, 2095-2115	4.3	360
789	Investigating ageing methods of Large Magellanic Cloud star clusters using integrated colours. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 419, 2116-2132	4.3	10
788	The effects of dynamical interactions on planets in young substructured star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 419, 2448-2458	4.3	91
787	Importance of the initial conditions for star formation - II. Fragmentation-induced starvation and accretion shielding. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 420, 613-626	4.3	61

786	Evolution of star-forming dwarf galaxies: characterizing the star formation scenarios. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 420, 1294-1308	4-3	8
785	The star formation history and dust content in the far outer disc of M31?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 420, 2625-2643	4-3	45
784	Is molecular gas necessary for star formation?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , no-no	4-3	68
783	Testing the universality of star formation α . Multiplicity in nearby star-forming regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 421, 2025-2042	4-3	58
782	On the formation of very metal poor stars: the case of SDSS J1029151+172927. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 421, 3217-3221	4-3	40
781	Testing the initial conditions and dynamical evolution of star clusters using Gaia- I. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 421, 3338-3342	4-3	17
780	The structure of the interstellar medium of star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 421, 3488-3521	4-3	219
779	Stellar feedback in galaxies and the origin of galaxy-scale winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 421, 3522-3537	4-3	362
778	Astrometric and photometric initial mass functions from the UKIDSS Galactic Clusters Survey - I. The Pleiades?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 422, 1495-1511	4-3	49
777	The stellar initial mass function, core mass function and the last-crossing distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 423, 2037-2044	4-3	123
776	Auto-consistent metallicity and star formation history of the nearest blue compact dwarf galaxy NGC 6789. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 423, 406-421	4-3	14
775	The SWELLS survey α IV. Precision measurements of the stellar and dark matter distributions in a spiral lens galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 423, 1073-1088	4-3	60
774	The influence of stellar dynamical ejections and collisions on the relation between the maximum stellar and star cluster mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 424, 65-79	4-3	20
773	Cosmological implications of a stellar initial mass function that varies with the Jeans mass in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 423, 3601-3615	4-3	38
772	Optical and near-infrared survey of the stellar contents associated with the star-forming complex Sh2-252. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 424, 2486-2503	4-3	14
771	The same, but different: stochasticity in binary destruction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 424, 272-281	4-3	33
770	Formation and evolution of primordial protostellar systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 424, 399-415	4-3	239
769	76th Annual Meeting of the Meteoritical Society July 29-August 2, 2013. 2013 , 48, A32-A394		2

768	POPULATION III STAR FORMATION IN LARGE COSMOLOGICAL VOLUMES. I. HALO TEMPORAL AND PHYSICAL ENVIRONMENT. <i>Astrophysical Journal</i> , 2013 , 773, 108	4-7	23
767	Stars and substars nearest to the Sun: A study review. 2013 , 29, 141-156		
766	Can feedback solve the too-big-to-fail problem?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 433, 3539-3546	4-3	127
765	Open Clusters and Their Role in the Galaxy. 2013 , 347-391		12
764	The Stellar and Sub-Stellar Initial Mass Function of Simple and Composite Populations. 2013 , 115-242		158
763	WSRT observations and surface photometry of two unusual spiral galaxies. <i>Astronomy and Astrophysics</i> , 2013 , 554, A128	5-1	3
762	Dense molecular gas: a sensitive probe of stellar feedback models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 433, 69-77	4-3	41
761	MID-INFRARED DETERMINATION OF TOTAL INFRARED LUMINOSITY AND STAR FORMATION RATES OF LOCAL AND HIGH-REDSHIFT GALAXIES. <i>Astrophysical Journal</i> , 2013 , 767, 73	4-7	55
760	Accretion does not drive the turbulence in galactic discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 2639-2646	4-3	31
759	THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. IV. A PROBABILISTIC APPROACH TO INFERRING THE HIGH-MASS STELLAR INITIAL MASS FUNCTION AND OTHER POWER-LAW FUNCTIONS. <i>Astrophysical Journal</i> , 2013 , 762, 123	4-7	29
758	Resolving the generation of starburst winds in Galaxy mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 433, 78-97	4-3	47
757	Shock interactions, turbulence and the origin of the stellar mass spectrum. 2013 , 371, 20120248		20
756	Astrometric and photometric initial mass functions from the UKIDSS Galactic Clusters Survey âIV. Upper Sco?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 431, 3222-3235	4-3	45
755	Star formation in galaxy mergers with realistic models of stellar feedback and the interstellar medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 430, 1901-1927	4-3	168
754	On the function describing the stellar initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 429, 1725-1733	4-3	84
753	Why is the Milky Way X-factor constant?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 433, 1223-1229	4-3	19
752	The star formation history of the Large Magellanic Cloud star clusters NGC 1846 and NGC 1783. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 430, 2774-2788	4-3	27
751	The meaning and consequences of star formation criteria in galaxy models with resolved stellar feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 2647-2653	4-3	124

750	The cosmic evolution of the IMF under the Jeans conjecture with implications for massive galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 2892-2906	4-3	23
749	Feedback-regulated star formation $\hat{\Pi}$. Dual constraints on the SFE and the age spread of stars in massive clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 3727-3740	4-3	25
748	Spatial dependence of the star formation history in the central regions of the Fornax dwarf spheroidal galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 433, 1505-1516	4-3	35
747	The effect of environment on discs and bulges. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 428, 2141-2162	4-3	27
746	No compelling evidence of significant early star cluster disruption in the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 136-149	4-3	15
745	On the mass function of stars growing in a flocculent medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 1381-1389	4-3	4
744	A multiwavelength view of cooling versus AGN heating in the X-ray luminous cool-core of Abell 3581?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 435, 1108-1125	4-3	31
743	A new technique for the determination of the initial mass function in unresolved stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 2632-2638	4-3	5
742	The $m_{\text{max}} \propto M_{\text{ecl}}$ relation, the IMF and IGIMF: probabilistically sampled functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 434, 84-101	4-3	70
741	The state of globular clusters at birth: emergence from the gas-embedded phase. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 3399-3412	4-3	31
740	The galaxy-wide initial mass function of dwarf late-type to massive early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 3309-3320	4-3	67
739	The ATLAS3D project $\hat{\text{XX}}$. Mass $\hat{\text{ize}}$ and mass $\hat{\text{ize}}$ distributions of early-type galaxies: bulge fraction drives kinematics, mass-to-light ratio, molecular gas fraction and stellar initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 1862-1893	4-3	401
738	The galactocentric radius dependent upper mass limit of young star clusters: stochastic star formation ruled out. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 435, 2604-2609	4-3	23
737	Identification of the long-sought common-envelope events. <i>Science</i> , 2013 , 339, 433-5	33-3	95
736	Variations in the stellar CMF and IMF: from bottom to top. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 433, 170-177	4-3	58
735	The (galaxy-wide) IMF in giant elliptical galaxies: from top to bottom. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 435, 2274-2280	4-3	62
734	A link between feedback outflows and satellite galaxy suppression. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 433, 324-331	4-3	5
733	A joint analysis of the Drake equation and the Fermi paradox. 2013 , 12, 246-253		19

732	One of the most massive stars in the Galaxy may have formed in isolation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 436, 3357-3365	4-3	22
731	The binary companion mass ratio distribution: an imprint of the star formation process?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 2378-2384	4-3	31
730	THE EFFECT OF MAGNETIC FIELDS AND AMBIPOLAR DIFFUSION ON CORE MASS FUNCTIONS. <i>Astrophysical Journal</i> , 2013 , 766, 27	4-7	3
729	SMA OBSERVATIONS OF CLASS 0 PROTOSTARS: A HIGH ANGULAR RESOLUTION SURVEY OF PROTOSTELLAR BINARY SYSTEMS. <i>Astrophysical Journal</i> , 2013 , 768, 110	4-7	106
728	CONFIGURATIONS OF BOUNDED AND FREE-FLOATING PLANETS IN VERY YOUNG OPEN CLUSTERS. <i>Astrophysical Journal</i> , 2013 , 772, 142	4-7	11
727	GRADIENTS OF STELLAR POPULATION PROPERTIES AND EVOLUTION CLUES IN A NEARBY GALAXY M101. <i>Astrophysical Journal</i> , 2013 , 769, 127	4-7	20
726	TESTING GALAXY FORMATION MODELS WITH THE GHOSTS SURVEY: THE COLOR PROFILE OF M81's STELLAR HALO. <i>Astrophysical Journal</i> , 2013 , 766, 106	4-7	43
725	THE STARBURST CLUSTER WESTERLUND 1: THE INITIAL MASS FUNCTION AND MASS SEGREGATION. <i>Astronomical Journal</i> , 2013 , 145, 46	4-9	38
724	THE GALACTIC CENTER CLOUD G0.253+0.016: A MASSIVE DENSE CLOUD WITH LOW STAR FORMATION POTENTIAL. 2013 , 765, L35		80
723	THE GALACTIC CENTER S-STARS AND THE HYPERVELOCITY STARS IN THE GALACTIC HALO: TWO FACES OF THE TIDAL BREAKUP OF STELLAR BINARIES BY THE CENTRAL MASSIVE BLACK HOLE?. <i>Astrophysical Journal</i> , 2013 , 768, 153	4-7	39
722	CLOSE STELLAR ENCOUNTERS IN YOUNG, SUBSTRUCTURED, DISSOLVING STAR CLUSTERS: STATISTICS AND EFFECTS ON PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2013 , 769, 150	4-7	28
721	THE INITIAL MASS FUNCTION AND THE SURFACE DENSITY PROFILE OF NGC 6231. <i>Astronomical Journal</i> , 2013 , 145, 37	4-9	23
720	ON THE COAGULATION AND SIZE DISTRIBUTION OF PRESSURE CONFINED CORES. <i>Astrophysical Journal</i> , 2013 , 769, 23	4-7	4
719	A MASS-DEPENDENT YIELD ORIGIN OF NEUTRON-CAPTURE ELEMENT ABUNDANCE DISTRIBUTIONS IN ULTRA-FAINT DWARFS. <i>Astrophysical Journal</i> , 2013 , 774, 103	4-7	20
718	A TIDALLY STRIPPED STELLAR COMPONENT OF THE MAGELLANIC BRIDGE. <i>Astrophysical Journal</i> , 2013 , 779, 145	4-7	54
717	THE METALLICITY DEPENDENCE OF THE MINIMUM MASS FOR CORE-COLLAPSE SUPERNOVAE. 2013 , 765, L43		35
716	DEEP MULTI-TELESCOPE PHOTOMETRY OF NGC 5466. I. BLUE STRAGGLERS AND BINARY SYSTEMS. <i>Astrophysical Journal</i> , 2013 , 776, 60	4-7	21
715	Probing the Upper Scorpius mass function in the planetary-mass regime?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 435, 2474-2482	4-3	19

714	Sejong Open Cluster Survey (SOS) ã. IC 1848 cluster in the H ii region W5 West. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 438, 1451-1465	4.3	13
713	ON THE INITIAL MASS FUNCTION OF LOW-METALLICITY STARS: THE IMPORTANCE OF DUST COOLING. <i>Astrophysical Journal</i> , 2013 , 766, 103	4.7	94
712	LoCuSS: THE STEADY DECLINE AND SLOW QUENCHING OF STAR FORMATION IN CLUSTER GALAXIES OVER THE LAST FOUR BILLION YEARS. <i>Astrophysical Journal</i> , 2013 , 775, 126	4.7	100
711	THE STELLAR INITIAL MASS FUNCTION OF ULTRA-FAINT DWARF GALAXIES: EVIDENCE FOR IMF VARIATIONS WITH GALACTIC ENVIRONMENT. <i>Astrophysical Journal</i> , 2013 , 771, 29	4.7	135
710	CANDIDATE PLANETS IN THE HABITABLE ZONES OF KEPLER STARS. <i>Astrophysical Journal</i> , 2013 , 770, 90	4.7	81
709	ON THE ORIGIN OF MASS SEGREGATION IN NGC 3603. <i>Astrophysical Journal</i> , 2013 , 764, 73	4.7	56
708	GRAVITATIONAL CONUNDRUM? DYNAMICAL MASS SEGREGATION VERSUS DISRUPTION OF BINARY STARS IN DENSE STELLAR SYSTEMS. <i>Astrophysical Journal</i> , 2013 , 765, 4	4.7	21
707	TESTING 24 μ m AND INFRARED LUMINOSITY AS STAR FORMATION TRACERS FOR GALACTIC STAR-FORMING REGIONS. <i>Astrophysical Journal</i> , 2013 , 765, 129	4.7	18
706	The Hercules-Lyra association revisited. <i>Astronomy and Astrophysics</i> , 2013 , 556, A53	5.1	31
705	SUBMILLIMETER INTERFEROMETRY OF THE LUMINOUS INFRARED GALAXY NGC 4418: A HIDDEN HOT NUCLEUS WITH AN INFLOW AND AN OUTFLOW. <i>Astrophysical Journal</i> , 2013 , 764, 42	4.7	60
704	OPTICAL PHOTOMETRIC AND POLARIMETRIC INVESTIGATION OF NGC 1931. <i>Astrophysical Journal</i> , 2013 , 764, 172	4.7	27
703	On central black holes in ultra-compact dwarf galaxies. <i>Astronomy and Astrophysics</i> , 2013 , 558, A14	5.1	73
702	LOCAL LUMINOUS INFRARED GALAXIES. III. CO-EVOLUTION OF BLACK HOLE GROWTH AND STAR FORMATION ACTIVITY?. <i>Astrophysical Journal</i> , 2013 , 765, 78	4.7	25
701	Discovering young stars in the Gum 31 region with infrared observations. <i>Astronomy and Astrophysics</i> , 2013 , 552, A14	5.1	20
700	ULTRA-DEEP HUBBLE SPACE TELESCOPE IMAGING OF THE SMALL MAGELLANIC CLOUD: THE INITIAL MASS FUNCTION OF STARS WITH $M < 1 M_{\odot}$. <i>Astrophysical Journal</i> , 2013 , 763, 110	4.7	42
699	Herschel far-infrared observations of the Carina Nebula complex. <i>Astronomy and Astrophysics</i> , 2013 , 549, A67	5.1	34
698	Global collapse of molecular clouds as a formation mechanism for the most massive stars. <i>Astronomy and Astrophysics</i> , 2013 , 555, A112	5.1	195
697	ORIGIN OF THE DENSE CORE MASS FUNCTION IN CONTRACTING FILAMENTS. <i>Astrophysical Journal</i> , 2013 , 764, 140	4.7	18

696	Crucial aspects of the initial mass function. <i>Astronomy and Astrophysics</i> , 2013 , 553, A32	5.1	3
695	Spectroscopy of brown dwarf candidates in IC348 and the determination of its substellar IMF down to planetary masses. <i>Astronomy and Astrophysics</i> , 2013 , 549, A123	5.1	37
694	The central density of R136 in 30 Doradus. <i>Astronomy and Astrophysics</i> , 2013 , 552, A94	5.1	14
693	MASSIV: Mass Assembly Survey with SINFONI in VVDS. <i>Astronomy and Astrophysics</i> , 2014 , 569, A64	5.1	6
692	Gas accretion from minor mergers in local spiral galaxies. <i>Astronomy and Astrophysics</i> , 2014 , 567, A68	5.1	28
691	The dynamics and star-forming potential of the massive Galactic centre cloud G0.253+0.016. <i>Astronomy and Astrophysics</i> , 2014 , 568, A56	5.1	45
690	Investigation of the stellar content in the western part of the Carina nebula. <i>Astronomy and Astrophysics</i> , 2014 , 567, A109	5.1	18
689	High-resolution, 3D radiative transfer modeling. <i>Astronomy and Astrophysics</i> , 2014 , 571, A69	5.1	67
688	A MAGNIFIED VIEW OF STAR FORMATION AT $z=0.9$ FROM TWO LENSED GALAXIES. <i>Astronomical Journal</i> , 2014 , 148, 65	4.9	4
687	THE PREMATURE FORMATION OF HIGH-REDSHIFT GALAXIES. <i>Astronomical Journal</i> , 2014 , 147, 120	4.9	31
686	The SLUGGS survey: exploring the metallicity gradients of nearby early-type galaxies to large radii. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 1003-1039	4.3	66
685	Photometric study of the open cluster α Cen. Stellar population and dynamical evolution in NGC 559. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 437, 804-815	4.3	15
684	Supernova enrichment and dynamical histories of solar-type stars in clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 437, 946-958	4.3	43
683	Chemo-dynamical evolution of tidal dwarf galaxies. I. Method and IMF dependence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 437, 3980-3993	4.3	37
682	Gravitational instability in protostellar discs at low metallicities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 439, 1884-1896	4.3	32
681	Modelling mass distribution in elliptical galaxies: mass profiles and their correlation with velocity dispersion profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 437, 3670-3687	4.3	27
680	Spectroscopy of Hyades L dwarf candidates?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 445, 3908-3918	4.3	20
679	Star formation in the massive cluster merger Abell 2744. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 196-206	4.3	28

678	A stellar population synthesis approach to the Oosterhoff dichotomy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 444, 1862-1872	4-3	10
677	The low-mass star and sub-stellar populations of the 25 Orionis group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 444, 1793-1811	4-3	20
676	Optimal integrated abundances for chemical tagging of extragalactic globular clusters?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 443, 2285-2310	4-3	15
675	Sampling methods for stellar masses and the $m_{\text{max}} \propto M_{\text{ecl}}$ relation in the starburst dwarf galaxy NGC 4214. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 441, 3348-3358	4-3	13
674	On the reliability of protostellar disc mass measurements and the existence of fragmenting discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 444, 887-901	4-3	48
673	CHARACTERIZING ULTRAVIOLET AND INFRARED OBSERVATIONAL PROPERTIES FOR GALAXIES. II. FEATURES OF ATTENUATION LAW. <i>Astrophysical Journal</i> , 2014 , 789, 76	4-7	12
672	MOLECULAR CLOUD-SCALE STAR FORMATION IN NGC 300. <i>Astrophysical Journal</i> , 2014 , 789, 81	4-7	26
671	[C II] AND $^{12}\text{CO}(1-0)$ EMISSION MAPS IN HLSJ091828.6+514223: A STRONGLY LENSED INTERACTING SYSTEM AT $z=5.24$. <i>Astrophysical Journal</i> , 2014 , 783, 59	4-7	75
670	PROTOSTAR MASS FUNCTIONS IN YOUNG CLUSTERS. <i>Astrophysical Journal</i> , 2014 , 781, 33	4-7	13
669	CONNECTION BETWEEN DYNAMICALLY DERIVED INITIAL MASS FUNCTION NORMALIZATION AND STELLAR POPULATION PARAMETERS. 2014 , 792, L37		33
668	Dynamics versus structure: breaking the density degeneracy in star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 445, 4037-4044	4-3	41
667	Galaxies on FIRE (Feedback In Realistic Environments): stellar feedback explains cosmologically inefficient star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 445, 581-603	4-3	872
666	Rapid evolution of the innermost dust disc of protoplanetary discs surrounding intermediate-mass stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 442, 2543-2559	4-3	26
665	Nonthermal particles and photons in starburst regions and superbubbles. 2014 , 22, 1		63
664	Direct N-body simulations of globular clusters â€”I. Palomar 4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 440, 3172-3183	4-3	32
663	Sejong Open Cluster Survey (SOS) â€”III. The young open cluster NGC 1893 in the H ii region W8. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 443, 454-473	4-3	17
662	STAR FORMATION RELATIONS IN NEARBY MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2014 , 782, 114	4-7	145
661	THE RANGE OF VARIATION OF THE MASS OF THE MOST MASSIVE STAR IN STELLAR CLUSTERS DERIVED FROM 35 MILLION MONTE CARLO SIMULATIONS. <i>Astrophysical Journal</i> , 2014 , 780, 27	4-7	8

660	Star formation in the first galaxies λ . Clustered star formation and the influence of metal line cooling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 438, 1669-1685	4-3	49
659	NGC 7538: multiwavelength study of stellar cluster regions associated with IRS 1 λ and IRS 9 sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 443, 3218-3237	4-3	12
658	Testing the universality of the IMF with Bayesian statistics: young clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 444, 1957-1981	4-3	35
657	S-TYPE AND P-TYPE HABITABILITY IN STELLAR BINARY SYSTEMS: A COMPREHENSIVE APPROACH. I. METHOD AND APPLICATIONS. <i>Astrophysical Journal</i> , 2014 , 780, 14	4-7	61
656	AN ALL-SKY SAMPLE OF INTERMEDIATE-MASS STAR-FORMING REGIONS. <i>Astrophysical Journal</i> , 2014 , 784, 111	4-7	12
655	THE DETAILED CHEMICAL PROPERTIES OF M31 STAR CLUSTERS. I. Fe, ALPHA AND LIGHT ELEMENTS. <i>Astrophysical Journal</i> , 2014 , 797, 116	4-7	37
654	Habitability around F-type stars. 2014 , 13, 244-258		25
653	The big problems in star formation: The star formation rate, stellar clustering, and the initial mass function. 2014 , 539, 49-134		202
652	Structure and mass function of three young open clusters. 2014 , 29, 1-8		1
651	On the coexistence of stellar-mass and intermediate-mass black holes in globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 444, 29-42	4-3	56
650	Unfolding the laws of star formation: the density distribution of molecular clouds. <i>Science</i> , 2014 , 344, 183-5	33-3	89
649	Dusty star-forming galaxies at high redshift. 2014 , 541, 45-161		440
648	Virgo Cluster and field dwarf ellipticals in 3D λ . Internal dynamics points to tidal harassment?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 439, 284-299	4-3	38
647	Physical properties, kinematics and mass function of 12 northern infrared dark clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 443, 2264-2284	4-3	12
646	Evolution of binaries with compact objects in globular clusters. 2014 , 10, 203-212		1
645	Dynamical modeling of the Arches cluster using Fokker-Planck calculations. 2014 , 10, 241-242		
644	Complex Stellar System ESO65SC03: Open Cluster or Remnant?. 2015 , 32,		3
643	Star Formation in the Local Milky Way. 2015 , 10, 8-15		

642	Biases and systematics in the observational derivation of galaxy properties: comparing different techniques on synthetic observations of simulated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 454, 2381-2400	4.3	18
641	SLUG – Stochastically lighting up galaxies – III. A suite of tools for simulated photometry, spectroscopy, and Bayesian inference with stochastic stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 452, 1447-1467	4.3	80
640	Mapping the core mass function to the initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 450, 4137-4149	4.3	28
639	The MLP distribution: a modified lognormal power-law model for the stellar initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 2413-2420	4.3	19
638	IMF – METALLICITY: A TIGHT LOCAL RELATION REVEALED BY THE CALIFA SURVEY. 2015 , 806, L31		76
637	NO EVIDENCE OF MASS SEGREGATION IN THE LOW-MASS GALACTIC GLOBULAR CLUSTER NGC 6101. <i>Astrophysical Journal</i> , 2015 , 810, 40	4.7	29
636	CAN STAR CLUSTER ENVIRONMENT AFFECT DUST INPUT FROM MASSIVE AGB STARS?. <i>Astrophysical Journal</i> , 2015 , 810, 128	4.7	6
635	Model computations of blue stragglers and W UMa-type stars in globular clusters. <i>Astronomy and Astrophysics</i> , 2015 , 577, A117	5.1	7
634	Evolution of the Milky Way with radial motions of stars and gas. <i>Astronomy and Astrophysics</i> , 2015 , 580, A126	5.1	96
633	MERGER RATES OF DOUBLE NEUTRON STARS AND STELLAR ORIGIN BLACK HOLES: THE IMPACT OF INITIAL CONDITIONS ON BINARY EVOLUTION PREDICTIONS. <i>Astrophysical Journal</i> , 2015 , 814, 58	4.7	124
632	The first Population II stars formed in externally enriched mini-haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 452, 2822-2836	4.3	95
631	Forged in fire: cusps, cores and baryons in low-mass dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 454, 2092-2106	4.3	249
630	ALMA observations of 99 GHz free-free and H40 α line emission from star formation in the centre of NGC 253. 2015 , 450, L80-L84		30
629	Galactic chemical evolution: stellar yields and the initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 451, 3693-3708	4.3	43
628	The difficulty of getting high escape fractions of ionizing photons from high-redshift galaxies: a view from the FIRE cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 453, 960-975	4.3	104
627	Merger traces in the spatial distribution of stellar populations in the Fornax dSph galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 454, 3996-4012	4.3	25
626	New age-metallicity diagnostic diagram for the Washington photometric system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 450, 3771-3777	4.3	3
625	Evolution of the Milky Way with radial motions of stars and gas. <i>Astronomy and Astrophysics</i> , 2015 , 580, A127	5.1	44

624	Infrared dark clouds on the far side of the Galaxy. <i>Astronomy and Astrophysics</i> , 2015 , 580, L7	5.1	8
623	Strong effect of the cluster environment on the size of protoplanetary discs?. <i>Astronomy and Astrophysics</i> , 2015 , 577, A115	5.1	55
622	TOPoS. <i>Astronomy and Astrophysics</i> , 2015 , 579, A28	5.1	102
621	ASteCA: Automated Stellar Cluster Analysis. <i>Astronomy and Astrophysics</i> , 2015 , 576, A6	5.1	51
620	Tightening the belt: Constraining the mass and evolution in SDC335. <i>Astronomy and Astrophysics</i> , 2015 , 577, A30	5.1	13
619	Outer regions of the merging system Arp 270?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 449, 1605-1613	4.3	10
618	The chemical evolution of galaxies with a variable integrated galactic initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 4168-4175	4.3	24
617	Further evidence for a time-dependent initial mass function in massive early-type galaxies. 2015 , 448, L82-L86		32
616	Kinematics of a globular cluster with an extended profile: NGC 5694?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 3130-3138	4.3	9
615	The initial mass function of a massive relic galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 451, 1081-1089	4.3	56
614	The XMM-Newton view of the central degrees of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 453, 172-213	4.3	65
613	Sweating the small stuff: simulating dwarf galaxies, ultra-faint dwarf galaxies, and their own tiny satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 453, 1305-1316	4.3	100
612	Long-slit spectral observations and stellar mass-to-light ratio of spiral galaxy UGC11919. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 453, 1344-1354	4.3	2
611	Galaxies as simple dynamical systems: observational data disfavor dark matter and stochastic star formation. 2015 , 93, 169-202		98
610	THE STELLAR INITIAL MASS FUNCTION AT 0.9 2015 , 798, L4		21
609	CHARACTERIZING THE BROWN DWARF FORMATION CHANNELS FROM THE INITIAL MASS FUNCTION AND BINARY-STAR DYNAMICS. <i>Astrophysical Journal</i> , 2015 , 800, 72	4.7	31
608	Galactic r-process enrichment by neutron star mergers in cosmological simulations of a Milky Way-mass galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 140-148	4.3	137
607	S-TYPE AND P-TYPE HABITABILITY IN STELLAR BINARY SYSTEMS: A COMPREHENSIVE APPROACH. II. ELLIPTICAL ORBITS. <i>Astrophysical Journal</i> , 2015 , 798, 101	4.7	38

606	The dynamical fate of self-gravitating disc fragments after tidal downsizing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 836-845	4-3	23
605	The nature and origin of substructure in the outskirts of M31. Detailed star formation histories?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 2789-2801	4-3	47
604	Radial variations in the stellar initial mass function of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 1033-1048	4-3	125
603	Using galaxy pairs to probe star formation during major halo mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 450, 1546-1564	4-3	19
602	The stellar initial mass function of early-type galaxies from low to high stellar velocity dispersion: homogeneous analysis of atlas3D and Sloan Lens ACS galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 493-509	4-3	62
601	New low-mass members of the Octans stellar association and an updated 30 Myr lithium age. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 1267-1281	4-3	40
600	The initial mass function and star formation law in the outer disc of NGC 2915. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 618-635	4-3	21
599	The creation and persistence of a misaligned gas disc in a simulated early-type galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 451, 3269-3277	4-3	54
598	Integrated light chemical tagging analyses of seven M31 outer halo globular clusters from the Pan-Andromeda Archaeological Survey?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 448, 1314-1334	4-3	25
597	THE HIGH-MASS STELLAR INITIAL MASS FUNCTION IN M31 CLUSTERS. <i>Astrophysical Journal</i> , 2015 , 806, 198	4-7	41
596	BATC 15 BAND PHOTOMETRY OF THE OPEN CLUSTER NGC 188. <i>Astronomical Journal</i> , 2015 , 150, 61	4-9	9
595	PROSPECTS FOR CHEMICALLY TAGGING STARS IN THE GALAXY. <i>Astrophysical Journal</i> , 2015 , 807, 104	4-7	48
594	ON THE IMF IN A TRIGGERED STAR FORMATION CONTEXT. <i>Astrophysical Journal</i> , 2015 , 808, 10	4-7	2
593	Signatures of dark matter halo expansion in galaxy populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 453, 2133-2143	4-3	20
592	The formation of submillimetre-bright galaxies from gas infall over a billion years. 2015 , 525, 496-9		123
591	The impact of baryonic physics on the structure of dark matter haloes: the view from the FIRE cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 454, 2981-3001	4-3	212
590	THE SEJONG OPEN CLUSTER SURVEY (SOS). IV. THE YOUNG OPEN CLUSTERS NGC 1624 AND NGC 1931. <i>Astronomical Journal</i> , 2015 , 149, 127	4-9	13
589	LoCuSS: THE SLOW QUENCHING OF STAR FORMATION IN CLUSTER GALAXIES AND THE NEED FOR PRE-PROCESSING. <i>Astrophysical Journal</i> , 2015 , 806, 101	4-7	147

588	STARS, GAS, AND DARK MATTER IN THE SOLAR NEIGHBORHOOD. <i>Astrophysical Journal</i> , 2015 , 814, 13	4.7	143
587	Supernova dust formation and the grain growth in the early universe: the critical metallicity for low-mass star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 2659-2672	4.3	28
586	X-ray emission from star-forming galaxies âsignatures of cosmic rays and magnetic fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 446, 2-17	4.3	9
585	THE ISLANDS PROJECT. I. ANDROMEDA XVI, AN EXTREMELY LOW MASS GALAXY NOT QUENCHED BY REIONIZATION. <i>Astrophysical Journal</i> , 2016 , 819, 147	4.7	24
584	THE CIRCUMGALACTIC MEDIUM OF SUBMILLIMETER GALAXIES. I. FIRST RESULTS FROM A RADIO-IDENTIFIED SAMPLE. <i>Astrophysical Journal</i> , 2016 , 832, 52	4.7	8
583	INFRARED HIGH-RESOLUTION INTEGRATED LIGHT SPECTRAL ANALYSES OF M31 GLOBULAR CLUSTERS FROM APOGEE. <i>Astrophysical Journal</i> , 2016 , 829, 116	4.7	20
582	Magnetic inhibition of convection and the fundamental properties of low-mass stars. <i>Astronomy and Astrophysics</i> , 2016 , 593, A99	5.1	149
581	The complex evolutionary paths of local infrared bright galaxies: a high-angular resolution mid-infrared view. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 2405-2424	4.3	10
580	The structure and early evolution of massive star forming regions. <i>Astronomy and Astrophysics</i> , 2016 , 594, A118	5.1	3
579	G345.45+1.50: an expanding ring-like structure with massive star formation. <i>Astronomy and Astrophysics</i> , 2016 , 595, A88	5.1	8
578	The matter distribution in the local Universe as derived from galaxy groups in SDSS DR12 and 2MRS. <i>Astronomy and Astrophysics</i> , 2016 , 596, A14	5.1	37
577	Discussion on Fundamental Problems of Physics Hidden in Cosmology. 2016 , 8, 19		1
576	STAR FORMATION IN W3âAFGL 333: YOUNG STELLAR CONTENT, PROPERTIES, AND ROLES OF EXTERNAL FEEDBACK. <i>Astrophysical Journal</i> , 2016 , 822, 49	4.7	26
575	Red Clump Stars. 2016 , 54, 95-133		124
574	A MID-INFRARED VIEW OF THE HIGH MASS STAR FORMATION REGION W51A. <i>Astrophysical Journal</i> , 2016 , 825, 54	4.7	4
573	Progenitor model of cosmic ray knee. <i>Research in Astronomy and Astrophysics</i> , 2016 , 16, 006	1.5	1
572	Star-forming dwarf galaxies: the correlation between far-infrared and radio fluxes. <i>Astronomy and Astrophysics</i> , 2016 , 593, A77	5.1	15
571	Implications of a variable IMF for the interpretation of observations of galaxy populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 2832-2846	4.3	17

570	Deep GeMS/GSAOI near-infrared observations of N159W in the Large Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2016 , 592, A77	5.1	16
569	On the effects of rotation in primordial star-forming clouds. <i>Astronomy and Astrophysics</i> , 2016 , 585, A59	5.1	3
568	H-ATLAS: the far-infrared properties of galaxies in and around the Coma cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 582-602	4.3	6
567	ON THE INCONSISTENCY BETWEEN COSMIC STELLAR MASS DENSITY AND STAR FORMATION RATE UP TO $z \sim 8$. <i>Astrophysical Journal</i> , 2016 , 820, 114	4.7	11
566	Discovery of a loose star cluster in the Large Magellanic Cloud. 2016 , 459, L61-L65		8
565	Star formation in a turbulent framework: from giant molecular clouds to protostars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 9-20	4.3	13
564	Dark matter cores all the way down. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 2573-2590	4.3	170
563	Interacting supernovae and supernova impostors. LSQ13zm: an outburst heralds the death of a massive star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 1039-1059	4.3	34
562	Binary stars can provide the missing photons needed for reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 3614-3619	4.3	90
561	A multiwavelength investigation of the H II region S311: young stellar population and star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 2502-2518	4.3	8
560	A POSSIBLE SOLUTION FOR THE $[Fe/H]$ RELATION OF GLOBULAR CLUSTERS IN M31. I. A METALLICITY- AND DENSITY-DEPENDENT TOP-HEAVY IMF. <i>Astrophysical Journal</i> , 2016 , 826, 89	4.7	20
559	The white dwarf luminosity function. 2016 , 72-74, 1-22		26
558	A spiral galaxy's mass distribution uncovered through lensing and dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 3151-3168	4.3	3
557	The impact of stellar feedback on hot gas in galaxy haloes: the Sunyaev-Zel'dovich effect and soft X-ray emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 4533-4544	4.3	41
556	Physical properties of galaxies: towards a consistent comparison between hydrodynamical simulations and SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 2046-2062	4.3	12
555	CLUSTER DYNAMICS LARGELY SHAPES PROTOPLANETARY DISK SIZES. <i>Astrophysical Journal</i> , 2016 , 828, 48	4.7	60
554	[O III] emission line as a tracer of star-forming galaxies at high redshifts: comparison between H β and [O III] emitters at $z=2.23$ in HiZELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 181-189	4.3	13
553	ABOUT EXOBIولوجY: THE CASE FOR DWARF K STARS. <i>Astrophysical Journal</i> , 2016 , 827, 79	4.7	56

552	How radiation affects superbubbles: through momentum injection in early phase and photo-heating thereafter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 4532-4548	4-3	17
551	STELLAR POPULATIONS ACROSS THE BLACK HOLE MASS-VELOCITY DISPERSION RELATION. 2016 , 832, L11		18
550	A NEW MILKY WAY SATELLITE DISCOVERED IN THE SUBARU/HYPER SUPRIME-CAM SURVEY. <i>Astrophysical Journal</i> , 2016 , 832, 21	4-7	54
549	GAS OF 96 PLANCK COLD CLUMPS IN THE SECOND QUADRANT. 2016 , 224, 43		18
548	THE CLOSE COMPANION MASS-RATIO DISTRIBUTION OF INTERMEDIATE-MASS STARS. <i>Astronomical Journal</i> , 2016 , 152, 40	4-9	24
547	TRACING THE EVOLUTION OF HIGH-REDSHIFT GALAXIES USING STELLAR ABUNDANCES. <i>Astrophysical Journal</i> , 2016 , 820, 71	4-7	5
546	A unified multiwavelength model of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 462, 3854-3911	4-3	223
545	An analysis of the population of extended main-sequence turn-off clusters in the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 1632-1641	4-3	9
544	BREATHING FIRE: HOW STELLAR FEEDBACK DRIVES RADIAL MIGRATION, RAPID SIZE FLUCTUATIONS, AND POPULATION GRADIENTS IN LOW-MASS GALAXIES. <i>Astrophysical Journal</i> , 2016 , 820, 131	4-7	156
543	The evolution of the oxygen abundance radial gradient in the Milky Way Galaxy disk. 2016 , 12, 245-253		
542	Free-free and H ₂ emission from the dusty starburst within NGC 4945 as observed by ALMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 252-269	4-3	17
541	GALACTIC SYNCHROTRON EMISSION AND THE FAR-INFRARED-RADIO CORRELATION AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2016 , 827, 109	4-7	18
540	Wide binaries in ultrafaint galaxies: a window on to dark matter on the smallest scales. 2016 , 461, L72-L76		19
539	EXPLAINING THE STELLAR INITIAL MASS FUNCTION WITH THE THEORY OF SPATIAL NETWORKS. <i>Astrophysical Journal</i> , 2016 , 824, 17	4-7	3
538	Identification of cluster MS stars and their implication on NGC 2099 and NGC 6866. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 455, 785-805	4-3	4
537	The chemically homogeneous evolutionary channel for binary black hole mergers: rates and properties of gravitational-wave events detectable by advanced LIGO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 3545-3553	4-3	219
536	What physics determines the peak of the IMF? Insights from the structure of cores in radiation-magnetohydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 3272-3283	4-3	34
535	Hubble-DeMazure fragmentation and the path to equilibrium of merger-driven cluster formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 1213-1232	4-3	3

534	Revisiting the classics: is [Mg/Fe] a good proxy for galaxy formation time-scales?. 2016 , 456, L104-L108		16
533	The SAMI Galaxy Survey: gas streaming and dynamical M/L in rotationally supported systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 456, 1299-1319	4-3	9
532	The clustering evolution of dusty star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 1621-1641	4-3	17
531	A complete census of Herschel-detected infrared sources within the HST Frontier Fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 459, 1626-1645	4-3	21
530	Numerical tools for obtaining power-law representations of heavy-tailed datasets. 2016 , 89, 1		4
529	Understanding the Epoch of Cosmic Reionization. 2016 ,		21
528	The binary populations of eight globular clusters in the outer halo of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 455, 3009-3019	4-3	22
527	Stellar and quasar feedback in concert: effects on AGN accretion, obscuration, and outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 816-831	4-3	109
526	The necessity of feedback physics in setting the peak of the initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 673-680	4-3	44
525	The binary fraction and mass segregation in Alpha Persei open cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 457, 1028-1036	4-3	12
524	The origin and evolution of the galaxy mass-metallicity relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 456, 2140-2156	4-3	219
523	Mass function study of open star clusters Haffner 11 and Czernik 31. 2016 , 47, 19-23		
522	Generation of highly inclined protoplanetary discs through single stellar flybys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 455, 3086-3100	4-3	37
521	Photometric study of open star clusters in II quadrant: Teutsch 1 and Riddle 4. 2016 , 42, 66-77		5
520	GLOBULAR CLUSTER ABUNDANCES FROM HIGH-RESOLUTION, INTEGRATED-LIGHT SPECTROSCOPY. II. EXPANDING THE METALLICITY RANGE FOR OLD CLUSTERS AND UPDATED ANALYSIS TECHNIQUES. <i>Astrophysical Journal</i> , 2017 , 834, 105	4-7	23
519	When the Jeans do not Fit: How Stellar Feedback Drives Stellar Kinematics and Complicates Dynamical Modeling in Low-mass Galaxies. <i>Astrophysical Journal</i> , 2017 , 835, 193	4-7	29
518	A dynamical model for gas flows, star formation and nuclear winds in galactic centres. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 466, 1213-1233	4-3	69
517	A NEW GENERATION OF PARSEC-COLIBRISTELLAR ISOCHRONES INCLUDING THE TP-AGB PHASE. <i>Astrophysical Journal</i> , 2017 , 835, 77	4-7	483

516	Spitzer's View of the Candidate Cluster and Protocluster Catalog (CCPC). <i>Astrophysical Journal</i> , 2017 , 836, 136	4-7	2
515	Large-scale Environmental Dependence of the Abundance Ratio of Nitrogen to Oxygen in Blue, Star-forming Galaxies Fainter than L^* . <i>Astrophysical Journal</i> , 2017 , 837, 42	4-7	3
514	Enabling data science in the Gaia mission archive: The present-day mass function and age distribution. 2017 , 19, 1-15		3
513	Resolved magnetic structures in the disk-halo interface of NGC 628. <i>Astronomy and Astrophysics</i> , 2017 , 600, A6	5-1	22
512	Simulations of Fractal Star Cluster Formation. I. New Insights for Measuring Mass Segregation of Star Clusters with Substructure. <i>Astrophysical Journal</i> , 2017 , 840, 91	4-7	5
511	Analysis of the Intrinsic Mid-infrared/Lband to Visible/Near-infrared Flux Ratios in Spectral Synthesis Models of Composite Stellar Populations. <i>Astrophysical Journal</i> , 2017 , 840, 28	4-7	3
510	The Slowest Spinning X-Ray Pulsar in an Extragalactic Globular Cluster. <i>Astrophysical Journal</i> , 2017 , 839, 125	4-7	12
509	Very low-mass stellar content of the young supermassive Galactic star cluster Westerlund 1. <i>Astronomy and Astrophysics</i> , 2017 , 602, A22	5-1	28
508	Binary Black Hole Mergers from Field Triples: Properties, Rates, and the Impact of Stellar Evolution. <i>Astrophysical Journal</i> , 2017 , 841, 77	4-7	172
507	Star Masses and Star-Planet Distances for Earth-like Habitability. 2017 , 17, 61-77		13
506	Enhanced momentum feedback from clustered supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 2471-2488	4-3	70
505	Kinematics of OB-associations in Gaia epoch. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 3887-3904	4-3	34
504	Generation of inclined protoplanetary discs and misaligned planets through mass accretion II. Coplanar secondary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 471, 2334-2344	4-3	3
503	The structure and dynamical evolution of the stellar disc of a simulated Milky Way-mass galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 467, 2430-2444	4-3	101
502	Fitting Formulae and Constraints for the Existence of S-type and P-type Habitable Zones in Binary Systems. <i>Astronomical Journal</i> , 2017 , 154, 157	4-9	21
501	The Low-mass Population in the Young Cluster Stock 8: Stellar Properties and Initial Mass Function. <i>Astrophysical Journal</i> , 2017 , 836, 98	4-7	18
500	A rumble in the dark: signatures of self-interacting dark matter in supermassive black hole dynamics and galaxy density profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 2845-2854	4-3	30
499	The study of two barred galaxies with curious kinematical features. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 470, 20-33	4-3	5

498	Stellar contents and star formation in the NGC 538 region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 467, 2943-2965	4-3	16
497	The Star-forming Main Sequence of Dwarf Low Surface Brightness Galaxies. <i>Astrophysical Journal</i> , 2017 , 851, 22	4-7	31
496	Calibrating Star Formation in WISE Using Total Infrared Luminosity. <i>Astrophysical Journal</i> , 2017 , 850, 68	4-7	64
495	Short- and long-term evolution of a stellar disc around a massive black hole: the role of the cusp, stellar evolution and binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 281-292	4-3	1
494	The statistical challenge of constraining the low-mass IMF in Local Group dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 319-332	4-3	18
493	A simple method to convert sink particles into stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 466, 407-412	4-3	32
492	The SILCC project III. Regulation of star formation and outflows by stellar winds and supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 466, 1903-1924	4-3	106
491	Feedback first: the surprisingly weak effects of magnetic fields, viscosity, conduction and metal diffusion on sub-L* galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 471, 144-168	4-3	75
490	Emergence of a stellar cusp by a dark matter cusp in a low-mass compact ultrafaint dwarf galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 467, 4491-4500	4-3	2
489	Hierarchical star formation across the grand-design spiral NGC 566. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 509-530	4-3	25
488	Tracing star formation with non-thermal radio emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 946-958	4-3	10
487	Metal flows of the circumgalactic medium, and the metal budget in galactic haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 4170-4188	4-3	83
486	Massive outflows driven by magnetic effects in star-forming clouds with high mass accretion rates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 470, 1026-1049	4-3	31
485	Metallicity-dependent kinematics and morphology of the Milky Way bulge. 2017 , 467, L46-L50		27
484	Statistics of magnetic field measurements in OBA stars and the evolution of their magnetic fields. 2017 , 338, 910-918		4
483	Greatly Enhanced Merger Rates of Compact-object Binaries in Non-spherical Nuclear Star Clusters. <i>Astrophysical Journal</i> , 2017 , 846, 146	4-7	107
482	The Stellar Content of the Infalling Molecular Clump G286.21+0.17. <i>Astrophysical Journal</i> , 2017 , 850, 12	4-7	6
481	Comparing models for IMF variation across cosmological time in Milky Way-like galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 2107-2116	4-3	11

480	The origin of discrete multiple stellar populations in globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 471, 2242-2253	4-3	22
479	How fast is mass segregation happening in hierarchically formed embedded star clusters?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 465-474	4-3	15
478	Gaia DR1 completeness within 250 pc & star formation history of the Solar neighbourhood. 2017 , 12, 148-151		1
477	Tests of star formation metrics in the low-metallicity galaxy NGC 5253 using ALMA observations of H30 α emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 1239-1252	4-3	8
476	Formation Constraints Indicate a Black Hole Accretor in 47 Tuc X9. 2017 , 851, L4		8
475	Dissecting the IRX τ dust attenuation relation: exploring the physical origin of observed variations in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 2315-2333	4-3	54
474	The resolved stellar populations around 12 Type IIP supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 2202-2218	4-3	36
473	Reconstructing the star formation history of the Solar neighbourhood with Gaia. 2017 , 13, 158-161		3
472	Giant clumps in the FIRE simulations: a case study of a massive high-redshift galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 952-969	4-3	71
471	Spatially resolved variations of the IMF mass normalization in early-type galaxies as probed by molecular gas kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 453-468	4-3	35
470	The optimally sampled galaxy-wide stellar initial mass function. <i>Astronomy and Astrophysics</i> , 2017 , 607, A126	5-1	38
469	How do binary clusters form?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 471, 2498-2507	4-3	12
468	Constraining the thin disc initial mass function using Galactic classical Cepheids. <i>Astronomy and Astrophysics</i> , 2017 , 599, A17	5-1	10
467	The AMBRE project: a study of Li evolution in the Galactic thin and thick discs. <i>Astronomy and Astrophysics</i> , 2017 , 606, A132	5-1	25
466	The Galactic Center Molecular Cloud Survey. <i>Astronomy and Astrophysics</i> , 2017 , 603, A89	5-1	62
465	Chandra X-ray observation of the young stellar cluster NGC 3293 in the Carina Nebula Complex. <i>Astronomy and Astrophysics</i> , 2017 , 605, A85	5-1	6
464	How multiple supernovae overlap to form superbubbles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 1720-1740	4-3	35
463	Low-mass young stellar population and star formation history of the cluster IC 1805 in the W4 H ii region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 2684-2698	4-3	11

462	Evidence of a Non-universal Stellar Initial Mass Function. Insights from HST Optical Imaging of Six Ultra-faint Dwarf Milky Way Satellites. <i>Astrophysical Journal</i> , 2018 , 855, 20	4-7	31
461	A first constraint on the average mass of ultra-diffuse galaxies from weak gravitational lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 3747-3754	4-3	31
460	Searches for new Milky Way satellites from the first two years of data of the Subaru/Hyper Suprime-Cam survey: Discovery of Cetus III. 2018 , 70,		46
459	When feedback fails: the scaling and saturation of star formation efficiency. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 3511-3528	4-3	80
458	On the deuterium abundance and the importance of stellar mass loss in the interstellar and intergalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 80-92	4-3	4
457	âSuper-deblendedâ Dust Emission in Galaxies. I. The GOODS-North Catalog and the Cosmic Star Formation Rate Density out to Redshift 6. <i>Astrophysical Journal</i> , 2018 , 853, 172	4-7	68
456	A quartet of black holes and a missing duo: probing the low end of the MBHârelation with the adaptive optics assisted integral-field spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 3030-3064	4-3	28
455	Stellar Stream and Halo Structure in the Andromeda Galaxy from a Subaru/Hyper Suprime-Cam Survey. <i>Astrophysical Journal</i> , 2018 , 853, 29	4-7	11
454	The origin of the LMC stellar bar: clues from the SFH of the bar and inner disc. 2018 , 473, L16-L20		11
453	Brown Dwarf Formation: Theory. 2018 , 1-22		1
452	Acceleration of ultrahigh-energy cosmic rays in starburst superwinds. <i>Physical Review D</i> , 2018 , 97,	4-9	26
451	Numerical Simulations of Cluster Formation. 2018 , 39-67		1
450	Counting black holes: The cosmic stellar remnant population and implications for LIGO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 1186-1194	4-3	42
449	Unbound Young Stellar Systems: Star Formation on the Loose. 2018 , 130, 072001		32
448	Impact of metallicity and star formation rate on the time-dependent, galaxy-wide stellar initial mass function. <i>Astronomy and Astrophysics</i> , 2018 , 620, A39	5-1	53
447	The Hot, Accreted Halo of NGC 891. <i>Astrophysical Journal</i> , 2018 , 866, 126	4-7	19
446	Kinematics of OB Associations and the First Data from the Gaia Satellite. <i>Astronomy Reports</i> , 2018 , 62, 998-1002	1-1	5
445	The Magellanic Bridge Cluster NGC 796: Deep Optical AO Imaging Reveals the Stellar Content and Initial Mass Function of a Massive Open Cluster. <i>Astrophysical Journal</i> , 2018 , 857, 132	4-7	22

444	Stochastic Chemical Evolution of Galactic Subhalos and the Origin of r-process Elements. <i>Astrophysical Journal</i> , 2018 , 865, 87	4-7	24
443	Multiple star systems in the Orion nebula. <i>Astronomy and Astrophysics</i> , 2018 , 620, A116	5-1	10
442	The VMC Survey. <i>Astronomy and Astrophysics</i> , 2018 , 620, A143	5-1	6
441	Kinematics of OB-associations in the 3-kpc solar neighborhood. 2018 , 14, 39-42		
440	Condition for low-mass star formation in shock-compressed metal-poor clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 1043-1056	4-3	3
439	On the radial oxygen distribution in the Galactic disc. Effects of local streams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 5377-5381	4-3	1
438	Does slow and steady win the race? Investigating feedback processes in giant molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 2985-3016	4-3	4
437	On the Interpretation of Far-infrared Spectral Energy Distributions. I. The 850 μ m Molecular Mass Estimator. <i>Astrophysical Journal</i> , 2018 , 867, 102	4-7	20
436	A Large Moving Group within the Lower Centaurus Crux Association. <i>Astrophysical Journal</i> , 2018 , 868, 32	4-7	23
435	How Do Disks and Planetary Systems in High-mass Open Clusters Differ from Those around Field Stars?. <i>Astrophysical Journal</i> , 2018 , 868, 1	4-7	19
434	The power of infrared AGN selection in mergers: a theoretical study. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 3056-3071	4-3	59
433	The VMC survey. XXXI: The spatially resolved star formation history of the main body of the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 5017-5036	4-3	43
432	A Theory for the Variation of Dust Attenuation Laws in Galaxies. <i>Astrophysical Journal</i> , 2018 , 869, 70	4-7	61
431	Physical properties and chemical composition of the cores in the California molecular cloud. <i>Astronomy and Astrophysics</i> , 2018 , 620, A163	5-1	10
430	The Dawes Review 8: Measuring the Stellar Initial Mass Function. 2018 , 35,		43
429	A dual power-law distribution for the stellar initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 2113-2118	4-3	5
428	Life versus dark energy: How an advanced civilization could resist the accelerating expansion of the universe. 2018 , 22, 74-79		2
427	LoCuSS: pre-processing in galaxy groups falling into massive galaxy clusters at $z = 0.2$. 2018 , 473, L79-L83		33

426	Evidence for feedback and stellar-dynamically regulated bursty star cluster formation: the case of the Orion Nebula Cluster. <i>Astronomy and Astrophysics</i> , 2018 , 612, A74	5.1	27
425	Stellar population of the superbubble N 206 in the LMC. <i>Astronomy and Astrophysics</i> , 2018 , 615, A40	5.1	18
424	Brown Dwarf Formation: Theory. 2018 , 447-468		2
423	Simulating galaxies in the reionization era with FIRE-2: morphologies and sizes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 219-229	4.3	29
422	The origin of ultra diffuse galaxies: stellar feedback and quenching. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 906-925	4.3	85
421	Constraining Stellar-mass Black Hole Mergers in AGN Disks Detectable with LIGO. <i>Astrophysical Journal</i> , 2018 , 866, 66	4.7	118
420	OGLE-2016-BLG-1266: A Probable Brown Dwarf/Planet Binary at the Deuterium Fusion Limit. <i>Astrophysical Journal</i> , 2018 , 858, 107	4.7	6
419	Discrete effects in stellar feedback: Individual Supernovae, Hypernovae, and IMF Sampling in Dwarf Galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 1666-1675	4.3	29
418	Far-infrared-radio correlation and magnetic field strength in star-forming early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 3552-3566	4.3	3
417	Structure and fragmentation of a high line-mass filament: Nessie. <i>Astronomy and Astrophysics</i> , 2018 , 616, A78	5.1	15
416	Masses and Radii of Four Very Low-mass Stars in F+M Eclipsing Binary Systems. <i>Astronomical Journal</i> , 2018 , 156, 27	4.9	11
415	Young stellar clumps in the interacting system Arp 305. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 4908-4914	4.3	2
414	On the radial oxygen distribution in the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 3700-3709	4.3	5
413	Modelling chemical abundance distributions for dwarf galaxies in the Local Group: the impact of turbulent metal diffusion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 474, 2194-2211	4.3	72
412	The IRX _{UV} dust attenuation relation in cosmological galaxy formation simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 474, 1718-1736	4.3	69
411	Formation of globular cluster candidates in merging proto-galaxies at high redshift: a view from the FIRE cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 474, 4232-4244	4.3	62
410	Timing the formation and assembly of early-type galaxies via spatially resolved stellar populations analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 3700-3729	4.3	44
409	The star formation history of the Sextans dwarf spheroidal galaxy: a true fossil of the pre-reionization era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 71-79	4.3	15

408	Galaxy evolution in the cluster Abell 85: new insights from the dwarf population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 4544-4556	4-3	5
407	What FIREs up star formation: the emergence of the Kennicutt&Schmidt law from feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 3653-3673	4-3	63
406	The stellar population and initial mass function of NGC 1399 with MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 2443-2456	4-3	27
405	The Stellar IMF from Isothermal MHD Turbulence. <i>Astrophysical Journal</i> , 2018 , 854, 35	4-7	35
404	Northern Galactic molecular cloud clumps in Hi-GAL: dense gas map and environmental trends. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 893-904	4-3	3
403	Supernova feedback in numerical simulations of galaxy formation: separating physics from numerics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 302-331	4-3	39
402	A Gap in the Lower Main Sequence Revealed by Gaia Data Release 2. 2018 , 861, L11		25
401	Lyman-continuum leakage as dominant source of diffuse ionized gas in the Antennae galaxy. <i>Astronomy and Astrophysics</i> , 2018 , 611, A95	5-1	24
400	The Initial Mass Function in the Coma Berenices Dwarf Galaxy from Deep Near-infrared HST Observations. <i>Astrophysical Journal</i> , 2018 , 863, 38	4-7	9
399	The Galactic warp revealed by Gaia DR2 kinematics. 2018 , 481, L21-L25		54
398	Extended main sequence turnoffs in open clusters as seen by Gaia &mathbb{.} NGC 2818 and the role of stellar rotation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 3739-3746	4-3	44
397	Starburst&AGN mixing: TYPHOON observations of NGC&mathbb{3}365, NGC&mathbb{3}068, and the effect of spatial resolution on the AGN fraction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 479, 4907-4935	4-3	12
396	Cluster kinematics and stellar rotation in NGC 419 with MUSE and adaptive optics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 1689-1695	4-3	37
395	Iron and Silicate Dust Growth in the Galactic Interstellar Medium: Clues from Element Depletions. <i>Astrophysical Journal</i> , 2018 , 857, 94	4-7	32
394	Plausible dynamical origins of Larson (1982)&mathbb{.} Empirical Law (II). 2018 , 65, 35-39		
393	Simulating galaxies in the reionization era with FIRE-2: galaxy scaling relations, stellar mass functions, and luminosity functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 1694-1715	4-3	68
392	Diffuse X-Ray-emitting Gas in Major Mergers. <i>Astronomical Journal</i> , 2018 , 155, 81	4-9	12
391	Modeling Nearly Spherical Pure-bulge Galaxies with a Stellar Mass-to-light Ratio Gradient under the &mathbb{.}DM and MOND Paradigms. I. Methodology, Dynamical Stellar Mass, and Fundamental Mass Plane. <i>Astrophysical Journal</i> , 2018 , 860, 81	4-7	7

390	Orbital Migration of Interacting Stellar Mass Black Holes in Disks around Supermassive Black Holes. <i>Astrophysical Journal</i> , 2019 , 878, 85	4.7	75
389	The star formation history of the Sculptor dwarf spheroidal galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 5862-5873	4.3	6
388	On the nature of variations in the measured star formation efficiency of molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 1501-1518	4.3	27
387	The failure of stellar feedback, magnetic fields, conduction, and morphological quenching in maintaining red galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 4393-4408	4.3	25
386	Star clusters in the dwarf irregular galaxy Leo A. <i>Astronomy and Astrophysics</i> , 2019 , 627, A7	5.1	0
385	Detecting dark matter cores in galaxy clusters with strong lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 1905-1926	4.3	15
384	Chemical evolution of elliptical galaxies with a variable IMF. <i>Astronomy and Astrophysics</i> , 2019 , 629, A93	5.1	12
383	Extended star-forming regions within galaxies in a dense proto-cluster core at $z = 2.53$. 2019 , 71,		4
382	Internal Dynamics and Stellar Content of Nine Ultra-diffuse Galaxies in the Coma Cluster Prove Their Evolutionary Link with Dwarf Early-type Galaxies. <i>Astrophysical Journal</i> , 2019 , 884, 79	4.7	26
381	Drivers of disc tilting I: correlations and possible drivers for Milky Way analogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 5728-5738	4.3	5
380	Dark-age reionization and galaxy formation simulation $\hat{\Delta}$ XIX. Predictions of infrared excess and cosmic star formation rate density from UV observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 1357-1372	4.3	7
379	Simulating star clusters across cosmic time $\hat{\Delta}$. Initial mass function, star formation rates, and efficiencies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 1880-1898	4.3	22
378	Tentative detection of the circumgalactic medium of the isolated low-mass dwarf galaxy WLM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 467-477	4.3	6
377	The stellar initial mass function of the solar neighbourhood revealed by Gaia. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 2377-2394	4.3	16
376	What is a globular cluster? An observational perspective. 2019 , 27, 1		71
375	Be it therefore resolved: cosmological simulations of dwarf galaxies with 30 solar mass resolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 4447-4463	4.3	71
374	Boötes. IV. A new Milky Way satellite discovered in the Subaru Hyper Suprime-Cam Survey and implications for the missing satellite problem. 2019 , 71,		23
373	Cosmic ray feedback in the FIRE simulations: constraining cosmic ray propagation with GeV $\hat{\Delta}$ ray emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 3716-3744	4.3	58

372	From the outside looking in: what can Milky Way analogues tell us about the star formation rate of our own galaxy?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 5030-5036	4-3	6
371	Merging Rates of Compact Binaries in Galaxies: Perspectives for Gravitational Wave Detections. <i>Astrophysical Journal</i> , 2019 , 881, 157	4-7	32
370	Statistical Stellar Mass Corrections for High-z Galaxies Observed with JWST Broadband Filters Due to Template Degeneracies. 2019 , 243, 27		1
369	A young galaxy cluster in the old Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 2014-2029	4-3	1
368	The young stellar population of the metal-poor galaxy NGC 6822. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 490, 832-847	4-3	4
367	The Formation of Binary Star Cluster in Our Galaxy from Fractal Stellar Distribution. 2019 , 1231, 012028		3
366	The elephant in the room: the importance of the details of massive star formation in molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 2970-2975	4-3	15
365	Ultra-high-energy cosmic rays. 2019 , 801, 1-93		51
364	The formation of solar-system analogs in young star clusters. <i>Astronomy and Astrophysics</i> , 2019 , 622, A69	5-1	13
363	Radial Acceleration Relation between Baryons and Dark or Phantom Matter in the Supercritical Acceleration Regime of Nearly Spherical Galaxies. <i>Astrophysical Journal</i> , 2019 , 877, 18	4-7	12
362	The Quintuplet Cluster: Extended Structure and Tidal Radius. <i>Astrophysical Journal</i> , 2019 , 877, 37	4-7	12
361	Superluminous supernovae from the Dark Energy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 2215-2241	4-3	37
360	Dust attenuation, dust emission, and dust temperature in galaxies at $z \sim 5$: a view from the FIRE-2 simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 1844-1864	4-3	53
359	Combining stellar populations with orbit-superposition dynamical modelling: the formation history of the lenticular galaxy NGC 3115. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 3776-3796	4-3	29
358	Near-infrared spectroscopy of the massive stellar population of W51: evidence for multi-seeded star formation. <i>Astronomy and Astrophysics</i> , 2019 , 624, A63	5-1	6
357	Is the IMF in ellipticals bottom-heavy? Clues from their chemical abundances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 2217-2235	4-3	10
356	System initial mass function of the 25 Ori group from planetary-mass objects to intermediate/high-mass stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 1718-1740	4-3	8
355	Fast and energetic AGN-driven outflows in simulated dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 2047-2066	4-3	23

354	Comparing IMF-sensitive indices of intermediate-mass quiescent galaxies in various environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 3788-3804	4-3	3
353	On the radial iron distribution in the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 2225-2234	4-3	2
352	S-type and P-type Habitability in Stellar Binary Systems: A Comprehensive Approach. III. Results for Mars, Earth, and Super-Earth Planets. <i>Astrophysical Journal</i> , 2019 , 873, 113	4-7	11
351	Mixing by overshooting and rotation in intermediate-mass stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 4641-4657	4-3	19
350	Chemical evolution of disc galaxies from cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 1384-1404	4-3	11
349	The Auriga stellar haloes: connecting stellar population properties with accretion and merging history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 2589-2616	4-3	71
348	Cosmological simulations of dwarfs: the need for ISM physics beyond SN feedback alone. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 3317-3333	4-3	17
347	The physics of Lyman α escape from high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 39-59	4-3	54
346	The Last 5 Gyr of Galactic Chemical Evolution Based on H ii Region Abundances Derived from a Temperature Independent Method. <i>Astrophysical Journal</i> , 2019 , 873, 107	4-7	10
345	A Hypothetical Effect of the MaxwellâProca Electromagnetic Stresses on Galaxy Rotation Curves. <i>Astrophysical Journal</i> , 2019 , 871, 218	4-7	4
344	Gaia DR2 reveals a star formation burst in the disc 2â3 Gyr ago. <i>Astronomy and Astrophysics</i> , 2019 , 624, L1	5-1	42
343	The momentum budget of clustered supernova feedback in a 3D, magnetized medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 3647-3658	4-3	45
342	DECam survey for low-mass stars and substellar objects in the UCL and LCC subgroups of the Sco-Cen OB Association (SCOCENSUS). <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 5049-5071 ¹	4-3	1
341	The Impact of Stripped Nuclei on the Supermassive Black Hole Number Density in the Local Universe. <i>Astrophysical Journal</i> , 2019 , 871, 159	4-7	24
340	Multiwavelength study of the G345.5+1.5 region. <i>Astronomy and Astrophysics</i> , 2019 , 623, A141	5-1	3
339	The Impact of Binaries on the Stellar Initial Mass Function. 2019 , 208-224		2
338	Is it possible to reconcile extragalactic IMF variations with a universal Milky Way IMF?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 4852-4862	4-3	13
337	Extreme chemical abundance ratio suggesting an exotic origin for an ultradiffuse galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 3425-3433	4-3	31

336	Comparison of Theoretical Starburst Photoionization Models for Optical Diagnostics. <i>Astrophysical Journal</i> , 2019 , 878, 2	4-7	11
335	Dynamical evolution of star clusters with top-heavy IMF. 2019 , 14, 447-450		
334	The systematically varying stellar IMF. 2019 , 14, 117-121		3
333	The Fornax 3D project: Thick disks in a cluster environment. <i>Astronomy and Astrophysics</i> , 2019 , 625, A95	5-1	20
332	The WISE Extended Source Catalog (WXSC). I. The 100 Largest Galaxies. 2019 , 245, 25		39
331	Massive stars in the young cluster VVV CL074. <i>Astronomy and Astrophysics</i> , 2019 , 627, A170	5-1	4
330	Fornax 3D project: a two-dimensional view of the stellar initial mass function in the massive lenticular galaxy FCC 167. <i>Astronomy and Astrophysics</i> , 2019 , 626, A124	5-1	18
329	Breaking a dark degeneracy: The gamma-ray signature of early matter domination. <i>Physical Review D</i> , 2019 , 100,	4-9	13
328	Direct Constraints on the Ultralight Boson Mass from Searches of Continuous Gravitational Waves. 2019 , 123, 171101		47
327	Metals and dust content across the galaxies M 101 and NGC 628. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 4968-4983	4-3	18
326	Was the Milky Way a chain galaxy? Using the IGIMF theory to constrain the thin-disc star formation history and mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 46-56	4-3	12
325	Simulating a metallicity-dependent initial mass function: consequences for feedback and chemical abundances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 118-125	4-3	13
324	The Unusual Initial Mass Function of the Arches Cluster. <i>Astrophysical Journal</i> , 2019 , 870, 44	4-7	36
323	Evolution of giant molecular clouds across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 488-502	4-3	21
322	The Cloud Factory I: Generating resolved filamentary molecular clouds from galactic-scale forces. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 1594-1613	4-3	28
321	Further evidence for a population of dark-matter-deficient dwarf galaxies. 2020 , 4, 246-251		23
320	Swirls of FIRE: spatially resolved gas velocity dispersions and star formation rates in FIRE-2 disc environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 1620-1637	4-3	17
319	No missing photons for reionization: moderate ionizing photon escape fractions from the FIRE-2 simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 2001-2017	4-3	34

318	Realistic modelling of wind and supernovae shocks in star clusters: addressing $^{22}\text{Ne}/^{20}\text{Ne}$ and other problems in Galactic cosmic rays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 3159-3177	4.3	10
317	The disintegrating old open cluster Czernik 3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 2309-2322	4.3	6
316	Abundances from integrated spectra of 47 Tucanae (NGC 104). <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 5834-5854	4.3	0
315	The influence of a top-heavy integrated galactic IMF and dust on the chemical evolution of high-redshift starbursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 2355-2373	4.3	5
314	SDSS-IV MaNGA: spatially resolved star formation in barred galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 4158-4169	4.3	12
313	Can magnetized turbulence set the mass scale of stars?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 5072-5088	4.3	15
312	SMASHing the low surface brightness SMC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 1034-1049	4.3	12
311	The impact of episodic outflow feedback on stellar multiplicity and the star formation efficiency. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 3594-3612	4.3	2
310	The future of IMF studies with the ELT and MICADO. <i>Astronomy and Astrophysics</i> , 2020 , 639, A120	5.1	1
309	Probability distribution of astrophysical gravitational-wave background fluctuations. <i>Physical Review D</i> , 2020 , 102,	4.9	3
308	The effect of the environment-dependent IMF on the formation and metallicities of stars over the cosmic history. <i>Astronomy and Astrophysics</i> , 2020 , 636, A10	5.1	15
307	A multiple power-law distribution for initial mass functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 1579-1586	4.3	3
306	Random fragmentation of turbulent molecular clouds lying in the central region of giant galaxies. 2020 , 80, 101423		
305	The Origin of the Stellar Mass Distribution and Multiplicity. 2020 , 216, 1		16
304	Hypercompact stellar clusters: morphological renditions and spectrophotometric models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 495, 1771-1787	4.3	1
303	Do fragmentation and accretion affect the stellar initial mass function?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 1647-1657	4.3	3
302	Stellar Cores in the Sh 2-305 H ii Region. <i>Astrophysical Journal</i> , 2020 , 891, 81	4.7	9
301	Evidence of a dynamically evolving Galactic warp. 2020 , 4, 590-596		20

300	WARPFIELD-EMP: The self-consistent prediction of emission lines from evolving H ii regions in dense molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 339-363	4.3	13
299	Unveiling the Physical Conditions in NGC 6910. <i>Astrophysical Journal</i> , 2020 , 896, 29	4.7	4
298	Sixteen overlooked open clusters in the fourth Galactic quadrant. <i>Astronomy and Astrophysics</i> , 2020 , 637, A95	5.1	8
297	An excessively massive thick disc of the enormous edge-on lenticular galaxy NGC 7572. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 5464-5478	4.3	7
296	Making top-heavy IMFs from canonical IMFs near the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 325-331	4.3	2
295	Size distribution of superbubbles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 1034-1043	4.3	7
294	A probabilistic analysis of the Fermi paradox in terms of the Drake formula: the role of the L factor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 3464-3472	4.3	4
293	Galactic Archaeology at High Redshift: Inferring the Nature of GRB Host Galaxies from Abundances. <i>Astrophysical Journal</i> , 2020 , 889, 4	4.7	5
292	Radiative stellar feedback in galaxy formation: Methods and physics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 3702-3729	4.3	31
291	The Gaia-ESO Survey: detection and characterisation of single-line spectroscopic binaries. <i>Astronomy and Astrophysics</i> , 2020 , 635, A155	5.1	9
290	The Sun is less active than other solar-like stars. <i>Science</i> , 2020 , 368, 518-521	33.3	40
289	Dead zones of classical habitability in stellar binary systems. 2020 , 365, 1		3
288	Photometric and kinematic study of the three intermediate age open clusters NGC 381, NGC 2360, and Berkeley 68. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 4713-4729	4.3	5
287	Cosmic rays or turbulence can suppress cooling flows (where thermal heating or momentum injection fail). <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 1190-1212	4.3	19
286	Momentum injection by clustered supernovae: testing subgrid feedback prescriptions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 1243-1256	4.3	5
285	Self-consistent proto-globular cluster formation in cosmological simulations of high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 4315-4332	4.3	35
284	Stellar Mass and Stellar Mass-to-light Ratio-Color Relations for Low Surface Brightness Galaxies. <i>Astronomical Journal</i> , 2020 , 159, 138	4.9	10
283	New insight into the stellar mass function of Galactic globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 4226-4243	4.3	9

282	ESPRESSO highlights the binary nature of the ultra-metal-poor giant HE 0107âàB240. <i>Astronomy and Astrophysics</i> , 2020 , 633, A129	5.1	1
281	Internal motions in OB associations with Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 493, 2339-2351	4.3	16
280	The massive M31 cluster G1: detailed chemical abundances from integrated light spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 5745-5761	4.3	2
279	On the halo-mass and radial scale dependence of the lensing is low effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 2074-2086	4.3	13
278	The bursty star formation history of the Fornax dwarf spheroidal galaxy revealed with the HST. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 642-661	4.3	15
277	Infrared emission of $z \sim 6$ galaxies: AGN imprints. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 2349-2368	4.3	8
276	STARFORGE: the effects of protostellar outflows on the IMF. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 3646-3663	4.3	17
275	Resolving a dusty, star-forming SHIZELS galaxy at $z = 2.2$ with HST, ALMA, and SINFONI on kiloparsec scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 2622-2638	4.3	6
274	Astrophysical properties of newly discovered Magellanic Cloud star clusters. <i>Astronomy and Astrophysics</i> , 2021 , 647, A47	5.1	2
273	A Galactic survey of radio jets from massive protostars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 338-355	4.3	6
272	Quenching Timescales of Dwarf Satellites around Milky WayâàBass Hosts. <i>Astrophysical Journal</i> , 2021 , 909, 139	4.7	11
271	Searching for Low-mass Population III Stars Disguised as White Dwarfs. <i>Astronomical Journal</i> , 2021 , 161, 197	4.9	1
270	A Deep Study of an Intermediate-age Open Cluster SAI 35 (Juchert 20) Using Ground-based Imaging and Gaia EDR3 Astrometry. <i>Astronomical Journal</i> , 2021 , 161, 182	4.9	2
269	Flipping spins in mass transferring binaries and origin of spin-orbit misalignment in binary black holes. <i>Physical Review D</i> , 2021 , 103,	4.9	11
268	The Fornax3D project: Assembly histories of lenticular galaxies from a combined dynamical and population orbital analysis. <i>Astronomy and Astrophysics</i> , 2021 , 647, A145	5.1	8
267	Search for gas accretion imprints in voids: II. The galaxy Ark 18 as a result of a dwarfâàBdwarf merger. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 6179-6197	4.3	1
266	Ultra-fast Model Emulation with PRISM: Analyzing the Meraxes Galaxy Formation Model. 2021 , 253, 50		
265	The SLUGGS survey: combining stars, globular clusters, and planetary nebulae to understand the assembly history of early-type galaxies from their large radii kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 4923-4939	4.3	6

264	The contribution of globular clusters to cosmic reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 4062-4071	4.3	3
263	STARFORGE: Towards a comprehensive numerical model of star cluster formation and feedback. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	22
262	Introducing a new multi-particle collision method for the evolution of dense stellar systems. <i>Astronomy and Astrophysics</i> , 2021 , 649, A24	5.1	1
261	The Pristine Inner Galaxy Survey (PIGS) III: carbon-enhanced metal-poor stars in the bulge. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 1239-1253	4.3	5
260	Measuring Young Stars in Space and Time. I. The Photometric Catalog and Extinction Properties of N44. <i>Astronomical Journal</i> , 2021 , 161, 256	4.9	1
259	Measuring Young Stars in Space and Time. II. The Pre-main-sequence Stellar Content of N44. <i>Astronomical Journal</i> , 2021 , 161, 257	4.9	1
258	The astro-primordial black hole merger rates: a reappraisal. 2021 , 2021, 039		9
257	Massive White Dwarfs in Young Star Clusters. <i>Astrophysical Journal</i> , 2021 , 912, 165	4.7	5
256	A discontinuity in the luminosityâ€”mass relation and fluctuations in the evolutionary tracks of low-mass and low-metallicity stars at the Gaia M-dwarf gap. <i>Astronomy and Astrophysics</i> , 2021 , 650, A184	5.1	0
255	The first 5 years of gravitational-wave astrophysics. <i>Science</i> , 2021 , 372,	33.3	1
254	Neutron star mergers as the astrophysical site of the r-process in the Milky Way and its satellite galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 5862-5883	4.3	4
253	mirkwood: Fast and Accurate SED Modeling Using Machine Learning. <i>Astrophysical Journal</i> , 2021 , 916, 43	4.7	2
252	Impact of common envelope development criteria on the formation of LIGO/Virgo sources. <i>Astronomy and Astrophysics</i> , 2021 , 651, A100	5.1	17
251	Which AGN jets quench star formation in massive galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 175-204	4.3	6
250	The formation of binary star clusters in the Milky Way and Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 4603-4620	4.3	2
249	Search for LBVs in the Local Volume galaxies: study of four stars in NGC 4449. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 4352-4366	4.3	1
248	HR-pypopstar: high-wavelength-resolution stellar populations evolutionary synthesis model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 4781-4799	4.3	1
247	Dissecting the Gaia HR diagram within 200 pc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 506, 5681-5697	4.3	1

246	The Low-redshift Lyman-continuum Survey: [S ii] Deficiency and the Leakage of Ionizing Radiation. <i>Astrophysical Journal</i> , 2021 , 916, 3	4.7	7
245	Fine structure in the luminosity function in young stellar populations with Gaia DR2. <i>Astronomy and Astrophysics</i> ,	5.1	0
244	Fornax 3D project: Assessing the diversity of IMF and stellar population maps within the Fornax Cluster. <i>Astronomy and Astrophysics</i> ,	5.1	1
243	Black holes merging with low mass gap objects inside globular clusters. <i>Physical Review D</i> , 2021 , 104,	4.9	3
242	Detailed evolutionary models of massive contact binaries $\hat{\Pi}$. Model grids and synthetic populations for the Magellanic Clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 5013-5033	4.3	5
241	Downsizing revised: Star formation timescales for elliptical galaxies with an environment-dependent IMF and a number of SNIa. <i>Astronomy and Astrophysics</i> ,	5.1	5
240	Disk fragmentation in high-mass star formation. High-resolution observations towards AFGL 2591-VLA 3. <i>Astronomy and Astrophysics</i> ,	5.1	0
239	Strong dependence of the physical properties of cores on spatial resolution in observations and simulations. <i>Astronomy and Astrophysics</i> , 2021 , 653, A157	5.1	2
238	Are hierarchically formed embedded star clusters surviving gas expulsion depending on their initial conditions?. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	2
237	Chi-squared test for planetary orbits after the impact of a single flyby and multiple stellar flybys. <i>Astronomy and Astrophysics</i> , 2021 , 653, A168	5.1	1
236	Progenitor-mass-dependent yields amplify intrinsic scatter in dwarf-galaxy elemental abundance ratios. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 508, 508-515	4.3	0
235	powderday: Dust Radiative Transfer for Galaxy Simulations. 2021 , 252, 12		20
234	Far and extreme ultraviolet radiation fields and consequent disc destruction in star-forming regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 2665-2681	4.3	5
233	Continuity of accretion from clumps to Class 0 high-mass protostars in SDC335. <i>Astronomy and Astrophysics</i> , 2021 , 645, A142	5.1	6
232	Variations of the IMF. 2005 , 175-186		9
231	Fifty Years of IMF Variation: The Intermediate-Mass Stars. 2005 , 23-40		9
230	The Stellar Mass Spectrum from Non-Isothermal Gravoturbulent Fragmentation. 2005 , 363-370		2
229	Initial Conditions for Star Clusters. 2008 , 181-259		56

228	The Unsolved Problem of Star Formation: Dusty Dense Cores and the Origin of Stellar Masses. 2009 , 147-166		2
227	Unraveling the Labyrinth of Star Formation with Herschel. 2014 , 225-231		1
226	Star Formation for Predictive Primordial Galaxy Formation. 2016 , 65-109		2
225	First Light. 2008 , 1-159		2
224	Nucleosynthesis of Low and Intermediate-mass Stars. 2010 , 107-164		5
223	Distributed Radioactivities. 2011 , 345-436		1
222	Physical Processes in the Interstellar Medium. 2016 , 85-249		82
221	Evolution of Solar and Intermediate-Mass Stars. 2013 , 397-445		3
220	Zooming in on Individual Star Formation: Low- and High-Mass Stars. 2020 , 216, 1		17
219	The massive star initial mass function of the Arches cluster. <i>Astronomy and Astrophysics</i> , 2009 , 501, 563-588		102
218	The fidelity of the core mass functions derived from dust column density data. <i>Astronomy and Astrophysics</i> , 2009 , 497, 399-407	5.1	34
217	On the massive star content of the nearby dwarf irregular Wolf-Rayet galaxy IC 4662. <i>Astronomy and Astrophysics</i> , 2009 , 499, 455-464	5.1	9
216	A census of very-low-mass stars and brown dwarfs in the θ Orionis cluster. <i>Astronomy and Astrophysics</i> , 2009 , 505, 1115-1127	5.1	52
215	The Hubble sequence: just a vestige of merger events?. <i>Astronomy and Astrophysics</i> , 2009 , 507, 1313-1326	5.1	80
214	A detailed study of the main sequence of the globular cluster NGC 6397: can we derive constraints on the existence of multiple populations?. <i>Astronomy and Astrophysics</i> , 2010 , 511, A70	5.1	23
213	The evolution of carbon and oxygen in the bulge and disk of the Milky Way. <i>Astronomy and Astrophysics</i> , 2009 , 505, 605-612	5.1	50
212	Massive binaries as the source of abundance anomalies in globular clusters. <i>Astronomy and Astrophysics</i> , 2009 , 507, L1-L4	5.1	300
211	Extranuclear H α -emitting complexes in low-z(U)LIRGs: precursors of tidal dwarf galaxies?. <i>Astronomy and Astrophysics</i> , 2012 , 538, A61	5.1	11

210	Discovery of extended VHE γ emission from the vicinity of the young massive stellar cluster Westerlund 1. <i>Astronomy and Astrophysics</i> , 2012 , 537, A114	5.1	54
209	Formation of proto-clusters and star formation within clusters: apparent universality of the initial mass function?. <i>Astronomy and Astrophysics</i> , 2012 , 545, A147	5.1	26
208	Crucial aspects of the initial mass function. <i>Astronomy and Astrophysics</i> , 2013 , 553, A31	5.1	19
207	ChandraX-ray observation of the H ii region Gum 31 in the Carina nebula complex. <i>Astronomy and Astrophysics</i> , 2014 , 564, A120	5.1	8
206	Populations of rotating stars. <i>Astronomy and Astrophysics</i> , 2014 , 566, A21	5.1	80
205	Extended main sequence turn-offs in low mass intermediate-age clusters. <i>Astronomy and Astrophysics</i> , 2016 , 590, A50	5.1	16
204	Multiple stellar populations in NGC 1866. <i>Astronomy and Astrophysics</i> , 2019 , 631, A128	5.1	8
203	Synthetic catalog of black holes in the Milky Way. <i>Astronomy and Astrophysics</i> , 2020 , 638, A94	5.1	22
202	Chemical evolution of ultra-faint dwarf galaxies in the self-consistently calculated integrated galactic IMF theory. <i>Astronomy and Astrophysics</i> , 2020 , 637, A68	5.1	9
201	Binary black hole mergers in AGN accretion discs: gravitational wave rate density estimates. <i>Astronomy and Astrophysics</i> , 2020 , 638, A119	5.1	34
200	Photoevaporation of the Jovian circumplanetary disk. <i>Astronomy and Astrophysics</i> , 2020 , 638, A135	5.1	3
199	Evidence for supernova feedback sustaining gas turbulence in nearby star-forming galaxies. <i>Astronomy and Astrophysics</i> , 2020 , 641, A70	5.1	25
198	High-resolution, 3D radiative transfer modelling. <i>Astronomy and Astrophysics</i> , 2020 , 643, A90	5.1	6
197	Observational properties of visual binaries as modelled using a synthetic catalogue. <i>Astronomy and Astrophysics</i> , 2003 , 408, 803-812	5.1	2
196	The temporal and spatial evolution of the starburst in ESO 338-IG04 as probed by its star clusters. <i>Astronomy and Astrophysics</i> , 2003 , 408, 887-903	5.1	40
195	Constraints on the IMF and the brown dwarf population of the young cluster IC 48. <i>Astronomy and Astrophysics</i> , 2003 , 409, 147-158	5.1	37
194	On the formation of massive stellar clusters. <i>Astronomy and Astrophysics</i> , 2003 , 411, 397-404	5.1	10
193	Simulating star formation in molecular cloud cores. <i>Astronomy and Astrophysics</i> , 2004 , 414, 633-650	5.1	156

192	Parameter properties and stellar population of the old open cluster NGC 3960. <i>Astronomy and Astrophysics</i> , 2004 , 417, 945-960	5.1	12
191	An explanation for the unusual IMF in Taurus. <i>Astronomy and Astrophysics</i> , 2004 , 419, 543-547	5.1	31
190	Initial mass function in the South-Western part of M 31. <i>Astronomy and Astrophysics</i> , 2004 , 426, 495-501	5.1	3
189	Dynamical mass estimates for two luminous young stellar clusters in Messier 83. <i>Astronomy and Astrophysics</i> , 2004 , 427, 495-504	5.1	32
188	The formation of free-floating brown dwarves and planetary-mass objects by photo-erosion of prestellar cores. <i>Astronomy and Astrophysics</i> , 2004 , 427, 299-306	5.1	121
187	The star formation history of the LSB galaxy UGC 5889. <i>Astronomy and Astrophysics</i> , 2005 , 435, 821-829	5.1	10
186	Self-enrichment in globular clusters. <i>Astronomy and Astrophysics</i> , 2005 , 436, 145-154	5.1	21
185	Stochastic processes, galactic star formation, and chemical evolution. <i>Astronomy and Astrophysics</i> , 2005 , 435, 551-561	5.1	8
184	Detailed analysis of open clusters: A mass function break and evidence of a fundamental plane. <i>Astronomy and Astrophysics</i> , 2005 , 437, 483-500	5.1	79
183	The primordial binary population. <i>Astronomy and Astrophysics</i> , 2005 , 430, 137-154	5.1	138
182	Quantifying the uncertainties of chemical evolution studies. <i>Astronomy and Astrophysics</i> , 2005 , 430, 491-505	5.1	90
181	Limits on the primordial stellar multiplicity. <i>Astronomy and Astrophysics</i> , 2005 , 439, 565-569	5.1	103
180	Low mass pre-main sequence stars in the Large Magellanic Cloud. <i>Astronomy and Astrophysics</i> , 2006 , 446, 955-969	5.1	9
179	A deep wide-field optical survey in the young open cluster Collinder 359. <i>Astronomy and Astrophysics</i> , 2006 , 450, 147-158	5.1	5
178	Dynamical mass estimates for two luminous star clusters in galactic merger remnants. <i>Astronomy and Astrophysics</i> , 2006 , 448, 881-891	5.1	89
177	Detection of Ks-excess stars in the 14 Myr open cluster NGC 4755. <i>Astronomy and Astrophysics</i> , 2006 , 453, 121-132	5.1	38
176	On the self-enrichment scenario of galactic globular clusters: constraints on the IMF. <i>Astronomy and Astrophysics</i> , 2006 , 458, 135-149	5.1	172
175	Planetary nebula candidates in extragalactic young star clusters. <i>Astronomy and Astrophysics</i> , 2006 , 459, 103-111	5.1	9

174	Initial mass function effects on the colour evolution of disk galaxies. <i>Astronomy and Astrophysics</i> , 2007 , 465, 417-429	5.1	3
173	Coronae in the Coronet: a very deep X-ray look into a stellar nursery. <i>Astronomy and Astrophysics</i> , 2007 , 475, 959-972	5.1	36
172	A WFI survey in the Chamaeleon II dark cloud. <i>Astronomy and Astrophysics</i> , 2007 , 470, 281-294	5.1	16
171	The relationship between the prestellar core mass function and the stellar initial mass function. <i>Astronomy and Astrophysics</i> , 2008 , 477, 823-827	5.1	53
170	Dynamical mass of a star cluster in M13: a test of fibre-fed multi-object spectroscopy. <i>Astronomy and Astrophysics</i> , 2008 , 490, 125-133	5.1	3
169	Accretion bursts in young stars driven by the cluster environment. <i>Astronomy and Astrophysics</i> , 2008 , 487, L45-L48	5.1	28
168	Encounter-driven accretion in young stellar clusters – A connection to FUors?. <i>Astronomy and Astrophysics</i> , 2008 , 492, 735-741	5.1	34
167	The Possible Origin of the Faint Fuzzy Star Clusters in NGC 1023. <i>Astronomical Journal</i> , 2002 , 124, 2006-2011	4.7	24
166	Finding Black Holes with Microlensing. <i>Astrophysical Journal</i> , 2002 , 576, L131-L135	4.7	35
165	Comments on Inferences of Star Formation Histories and Birth Lines. <i>Astrophysical Journal</i> , 2003 , 585, 398-405	4.7	126
164	K-band Properties of Galaxy Clusters and Groups: Brightest Cluster Galaxies and Intracluster Light. <i>Astrophysical Journal</i> , 2004 , 617, 879-895	4.7	370
163	A Large-Scale Survey of NGC 1333. <i>Astrophysical Journal</i> , 2007 , 655, 958-972	4.7	62
162	On the Age and Metallicity Estimation of Spiral Galaxies Using Optical and Near-Infrared Photometry. <i>Astrophysical Journal</i> , 2007 , 664, 215-225	4.7	28
161	The Star-forming Region NGC 346 in the Small Magellanic Cloud with Hubble Space Telescope ACS Observations. II. Photometric Study of the Intermediate-Age Star Cluster BS 90. <i>Astrophysical Journal</i> , 2007 , 664, 322-331	4.7	18
160	The First Stellar Cluster. <i>Astrophysical Journal</i> , 2008 , 672, 757-764	4.7	168
159	A Survey of Star Clusters in the M31 Southwest Field: UBVRI Photometry and Multiband Maps. 2008 , 177, 174-180		9
158	The Mass Distribution and Lifetime of Prestellar Cores in Perseus, Serpens, and Ophiuchus. <i>Astrophysical Journal</i> , 2008 , 684, 1240-1259	4.7	234
157	26Al AND THE FORMATION OF THE SOLAR SYSTEM FROM A MOLECULAR CLOUD CONTAMINATED BY WOLF-RAYET WINDS. <i>Astrophysical Journal</i> , 2009 , 696, 1854-1863	4.7	81

156	SUBARCSECOND IMAGING OF THE HIGH-MASS STAR-FORMING REGION ONSALA 1. <i>Astrophysical Journal</i> , 2009 , 698, 1981-1988	4.7	8
155	THE UNIVERSAL INITIAL MASS FUNCTION IN THE EXTENDED ULTRAVIOLET DISK OF M83. <i>Astrophysical Journal</i> , 2012 , 749, 20	4.7	37
154	Extremely Low Mass-ratio Semi-detached Binaries: KIC 2719436 and KIC 4245897. 2020 , 132, 114201		2
153	The Cloud Factory II: gravoturbulent kinematics of resolved molecular clouds in a galactic potential. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 5268-5296	4.3	2
152	Observing correlations between dark matter accretion and galaxy growth λ . Recent star formation activity in isolated Milky Way-mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 501, 1253-1272	4.3	3
151	A relationship between stellar metallicity gradients and galaxy age in dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 5121-5134	4.3	10
150	Evaluating the merger rate of binary black holes from direct captures and third-body soft interactions using the Milky Way globular clusters. <i>Physical Review D</i> , 2020 , 102,	4.9	3
149	Early evolutionary tracks of low-mass stellar objects in modified gravity. <i>Physical Review D</i> , 2020 , 102,	4.9	12
148	THE ADF AND THE ϵ_2 FORMALISM IN H II REGIONS BASED ON THE UPPER MASS LIMIT OF THE IMF FOR THE MW. 2020 , 56, 235-244		1
147	Cradle(s) of the Sun. <i>Astrophysical Journal</i> , 2020 , 897, 60	4.7	6
146	Orbital Migration of Interacting Stellar Mass Black Holes in Disks around Supermassive Black Holes. II. Spins and Incoming Objects. <i>Astrophysical Journal</i> , 2020 , 903, 133	4.7	20
145	How Well Can We Measure the Stellar Mass of a Galaxy: The Impact of the Assumed Star Formation History Model in SED Fitting. <i>Astrophysical Journal</i> , 2020 , 904, 33	4.7	32
144	The Lifetimes of Star Clusters Born with a Top-heavy IMF. <i>Astrophysical Journal</i> , 2020 , 904, 43	4.7	5
143	Predictions of the L [C ii] λ 8930 and [Cii] Luminosity Function at the Epoch of Reionization. <i>Astrophysical Journal</i> , 2020 , 905, 102	4.7	10
142	Star Formation in Self-Gravitating Molecular Cloud: The Critical Mass and the Core Accretion Rate. 2020 , 10, 53-67		1
141	THE ARCHES CLUSTER MASS FUNCTION. 2007 , 40, 153-155		2
140	Formation and Evolution of Binary Neutron Stars: Mergers and Their Host Galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	4
139	When did the initial mass function become bottom-heavy?. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	4

138 Major Unsolved Problems in Star Formation. **2003**, 17-24

137 Comments on Gravoturbulent Star Formation. **2004**, 165-173

136 Young Massive Clusters in Non-Interacting Galaxies. **2005**, 219-222

135 The Field IMF Across The H-Burning Limit. **2005**, 53-60

134 Resolving Extragalactic Star Clusters with HST/ACS. **2010**, 133-136

133 Is Our Environment Special?. **2010**, 391-418

132 Massive Young Stellar Clusters in the Milky Way. **2010**, 171-177

131 Neutron Stars. **2011**, 15-39

130 The IMF from Low to High Redshift. 207-217

129 Formation of Massive Stars by Runaway Accretion. **2012**, 53-67

128 Bibliography. **2011**, 131-142

127 Star Formation at High Resolution, Zooming into the Carina Nebula, the Nearest Laboratory of Massive Star Feedback. 223-236

1

126 The Stellar IMF at Very Low Metallicities. **2013**, 69-79

125 Brown Dwarfs. **2013**, 337-395

0

124 Star Formation. **2013**, 243-277

123 References. 481-516

122 The Salpeter Slope of the IMF Explained. **2014**, 329-333

121 Blue Stragglers in Clusters and Integrated Spectral Properties of Stellar Populations. **2015**, 317-342

- 120 Models of the Stellar Initial Mass Function. **2015**, 137-146
- 119 Interstellar Filaments and Their Role in Star Formation as Revealed by Herschel. **2015**, 73-83
- 118 The Physics of Galaxy Formation and Evolution. **2016**, 585-695
- 117 The Mass–Luminosity Relation for a Refined Set of Late-K/M Dwarfs. **2018**, 2, 19 5
- 116 Cosmic Evolution of Isotopic Abundances: Basics. **2018**, 581-641
- 115 Local Metallicity Distribution Function Derived from Galactic Large-scale Radial Iron Pattern Modeling. *Astrophysical Journal*, **2019**, 887, 238 4-7
- 114 Using the Modified Lognormal Power-law Distribution to Model the Mass Function of NGC 1711. *Astrophysical Journal*, **2020**, 895, 66 4-7 0
- 113 Transforming gas-rich low-mass disk galaxies into ultra-diffuse galaxies by ram pressure. 4
- 112 Testing the star formation scaling relations in the clumps of the North American and Pelican nebulae cloud complex. *Monthly Notices of the Royal Astronomical Society*, **2020**, 500, 3123-3141 4-3 1
- 111 Measuring Dark Matter in Galaxies: The Mass Fraction within Five Effective Radii. *Astrophysical Journal*, **2020**, 905, 28 4-7 0
- 110 Radial Segregation between Red Giant Populations in the Globular Cluster NGC 3201: Tentative Role of Varying Mass among the Progenitors. *Astronomical Journal*, **2021**, 161, 7 4-9 1
- 109 Supernova-driven Mechanism of Cusp-core Transformation: an Appraisal. *Astrophysical Journal*, **2021**, 921, 126 4-7 5
- 108 Revisiting a detached stellar structure in the outer north-eastern region of the Small Magellanic Cloud. *Monthly Notices of the Royal Astronomical Society*, 4-3 1
- 107 The mass function. **2005**, 403-455
- 106 Galaxy Formation and Evolution in the Cold Universe. **2004**, 1-104
- 105 NGC 4214: Cluster Properties Derived from Multi-band Photometry. **2009**, 1-5
- 104 Embedded Clusters and the IMF. **2005**, 109-114
- 103 Understanding the IMF. **2005**, 329-340

102	Feedback and the Initial Mass Function. 2005 , 439-448		
101	Detailed Chemical Abundances of Extragalactic Globular Clusters. 2009 , 11-15		
100	Dynamical Masses of Young Star Clusters: Constraints on the Stellar IMF and Star-Formation Efficiency. 2009 , 395-398		
99	Faint Stars in a Faint Galaxy. I. Ultradeep Photometry of the Boötes I Ultrafaint Dwarf Galaxy. <i>Astrophysical Journal</i> , 2020 , 901, 82	4.7	1
98	The Far-UV Interstellar Radiation Field in Galactic Disks: Numerical and Analytic Models. <i>Astrophysical Journal</i> , 2020 , 903, 62	4.7	6
97	Erratum: Can magnetized turbulence set the mass scale of stars?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 1125-1126	4.3	
96	Constraining Type Ia Supernova Delay Time with Spatially Resolved Star Formation Histories. <i>Astrophysical Journal</i> , 2021 , 922, 15	4.7	1
95	Globular Cluster Candidates in the Sagittarius Dwarf Galaxy. <i>Astronomical Journal</i> , 2021 , 162, 261	4.9	0
94	Estimation of the Number of Stellar Encounters on a Cross-sectional Area containing a Planetary Disk in Birth Clusters of Stars. 2022 , 6, 19		
93	Deep V and I CCD photometry of young star cluster NGC 1893 with the 3.6m DOT. 2022 , 43, 1		0
92	Return of the TEDI: Revisiting the Triple Evolution Dynamical Instability Channel in Triple Stars. <i>Astrophysical Journal</i> , 2022 , 925, 178	4.7	4
91	Sh 2-301: A Blistered H ii Region Undergoing Star Formation. <i>Astrophysical Journal</i> , 2022 , 926, 25	4.7	
90	First Light And Reionisation Epoch Simulations (FLARES) III: The properties of massive dusty galaxies at cosmic dawn. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	2
89	Connecting Galactic and extragalactic outflows: From the Cygnus-X cluster to active galaxies. <i>Astronomy and Astrophysics</i> ,	5.1	0
88	Origin of the Elements. 2022 , 37-59		
87	Trapping of H ii regions in Population III star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 116-136	4.3	3
86	Rates of compact object coalescences. 2022 , 25, 1		12
85	Stellar collisions in globular clusters: the origin of multiple stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 2936-2944	4.3	1

84	Recent star formation history of the dwarf irregular galaxy Leo A. <i>Astronomy and Astrophysics</i> ,	5.1	0
83	The dynamics and outcome of star formation with jets, radiation, winds, and supernovae in concert. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 216-232	4.3	6
82	A Statistical View of the Stable and Unstable Roche Lobe Overflow of a Tertiary Star onto the Inner Binary in Triple Systems. 2022 , 259, 25		3
81	Using Source Proper Motion to Validate Terrestrial Parallax: OGLE-2019-BLG-1058. <i>Astronomical Journal</i> , 2021 , 162, 267	4.9	1
80	The Sample of Red Supergiants in 12 Low-mass Galaxies of the Local Group. <i>Astrophysical Journal</i> , 2021 , 923, 232	4.7	2
79	Quenching and the UVJ Diagram in the SIMBA Cosmological Simulation. <i>Astrophysical Journal</i> , 2022 , 929, 94	4.7	2
78	Preparing for low surface brightness science with the Vera C. Rubin Observatory: characterisation of tidal features from mock images. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	3
77	ALMA-IMF. III. Investigating the origin of stellar masses: Top-heavy core mass function in the W43-MM2&MM3 mini-starburst. <i>Astronomy and Astrophysics</i> ,	5.1	2
76	Two-point Separation Functions for Modeling Wide Binary Systems in Nearby Dwarf Galaxies. <i>Astrophysical Journal</i> , 2022 , 929, 77	4.7	2
75	EDGE: The sensitivity of ultra-faint dwarfs to a metallicity-dependent initial mass function. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
74	A Fresh Look at AGB Stars in Galactic Open Clusters with Gaia: Impact on Stellar Models and the InitialâFinal Mass Relation. 2022 , 258, 43		3
73	Disc cloaking: Establishing a lower limit to the number density of local compact massive spheroids/bulges and the potential fate of some high-z red nuggets. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
72	The Fornax3D project: Discovery of ancient massive merger events in the Fornax cluster galaxies NGC1380 and NGC1427. <i>Astronomy and Astrophysics</i> ,	5.1	1
71	MiMO: Mixture Model for Open Clusters in ColorâMagnitude Diagrams. <i>Astrophysical Journal</i> , 2022 , 930, 44	4.7	0
70	Neutron-capture elements record the ordered chemical evolution of the disc over time. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	0
69	The Complexity of the Cetus Stream Unveiled from the Fusion of STREAMFINDER and StarGO. <i>Astrophysical Journal</i> , 2022 , 930, 103	4.7	2
68	Prospects for Far Infrared Observations of Hydrogen Recombination Lines in Epoch of Reionization Galaxies. <i>Astronomy Reports</i> , 2022 , 66, 296-305	1.1	
67	Evolution of thermal and nonthermal radio continuum emission on kpc scalesâPredictions for SKA. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	

66	How Well Can We Measure Galaxy Dust Attenuation Curves? The Impact of the Assumed Star-dust Geometry Model in Spectral Energy Distribution Fitting. <i>Astrophysical Journal</i> , 2022 , 931, 14	4.7	1
65	Massive central galaxies of galaxy groups in the Romulus simulations: an overview of galaxy properties at $z = 0$. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	2
64	Bursting Bubbles: Feedback from Clustered Supernovae and the Trade-off Between Turbulence and Outflows. <i>Astrophysical Journal</i> , 2022 , 932, 88	4.7	0
63	Can Thorne-Żtkow objects source GW190814-type events?. <i>Physical Review D</i> , 2022 , 105,	4.9	0
62	Impact of the cosmic background radiation on the initial mass function of metal-poor stars. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	0
61	The galactic dust-up: Modeling dust evolution in FIRE. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	0
60	iMaNGA: mock MaNGA galaxies based on IllustrisTNG and MaStar SSPs. I. Construction and analysis of the mock data cubes. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
59	Four-hundred Very Metal-poor Stars Studied with LAMOST and Subaru. II. Elemental Abundances. <i>Astrophysical Journal</i> , 2022 , 931, 147	4.7	2
58	The Distribution of UV Radiation Field in the Molecular Clouds of Gould Belt. <i>Research in Astronomy and Astrophysics</i> ,	1.5	
57	Dark matter microhalos in the solar neighborhood: Pulsar timing signatures of early matter domination. <i>Physical Review D</i> , 2022 , 105,	4.9	1
56	Cluster assembly and the origin of mass segregation in the STARFORGE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
55	The Fornax3D Project: Intrinsic Correlations between orbital properties and the stellar Initial Mass Function. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	0
54	EDGE: the puzzling ellipticity of Eridanus IIâs star cluster and its implications for dark matter at the heart of an ultra-faint dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 515, 185-200	4.3	1
53	The Equilibrium Tide: An Updated Prescription for Population Synthesis Codes. <i>Astrophysical Journal</i> , 2022 , 933, 25	4.7	1
52	Structural and Dynamical Analysis of the Quiescent Molecular Ridge in the Large Magellanic Cloud. <i>Astronomical Journal</i> , 2022 , 164, 64	4.9	0
51	Astrometric mass measurement of compact companions in binary system with Gaia. <i>Astronomy and Astrophysics</i> ,	5.1	
50	Effects of the environment and feedback physics on the initial mass function of stars in the STARFORGE simulations. 2022 , 515, 4929-4952		3
49	First evidence of a stripped star cluster from the Small Magellanic Cloud. 2022 , 515, 4005-4012		0

48	The impact of cosmic rays on dynamical balance and disk-halo interaction in L? disk galaxies.	4
47	Analytic models of dust temperature in high-redshift galaxies.	1
46	Protostellar-disc fragmentation across all metallicities. 2022 , 515, 5506-5522	0
45	Close Encounters of Stars with Stellar-mass Black Hole Binaries.	0
44	The galaxy-wide stellar initial mass function in the presence of cluster-to-cluster IMF variations.	0
43	Simulating the Legacy Survey of Space and Time Stellar Content with TRILEGAL. 2022 , 262, 22	0
42	Reading the CARDS: The Imprint of Accretion History in the Chemical Abundances of the Milky Way's Stellar Halo. 2022 , 934, 172	1
41	The role of supernova convection for the lower mass gap in the isolated binary formation of gravitational wave sources. 2022 , 516, 2252-2271	3
40	Stellar Populations in type Ia supernova host galaxies at intermediate-high redshift: Star formation and metallicity enrichment histories..	1
39	The giants that were born swiftly â implications of the top-heavy stellar initial mass function on the birth conditions of globular clusters. 2022 , 516, 3342-3353	1
38	PBH assisted search for QCD axion dark matter. 2022 , 2022, 072	0
37	SFR estimations from $z = 0$ to $z = 0.9$. A comparison of SFR calibrators for star-forming galaxies.	0
36	Massive young stellar objects in the Local Group spiral galaxy M 33 identified using machine learning. 2022 , 517, 140-160	0
35	The C/M Ratio of AGB Stars in the Local Group Galaxies. 2022 , 8, 465	0
34	Characterizing Extreme Emission Line Galaxies. II. A Self-consistent Model of Their Ionizing Spectrum*. 2022 , 938, 16	0
33	Did the Milky Way just light up? The recent star formation history of the Galactic disc.	0
32	The MeerKAT Galaxy Clusters Legacy Survey: star formation in massive clusters at $0.15 < z < 0.35$.	0
31	Invoking the virial theorem to understand the impact of (dry) mergers on the M_{bh} -relation.	0

- 30 Large-scale CO ($J = 1 \rightarrow 0$) Observations toward the M120.1+3.0 Molecular Cloud: A filament with a chain of starburst clusters. ○
- 29 Predicting sub-millimetre flux densities from global galaxy properties. **2022**, 518, 5522-5535 ○
- 28 Appreciating mergers for understanding the non-linear M_{BH}^* , spheroid and M_{BH}^* , galaxy relations, updated herein, and the implications for the (reduced) role of AGN feedback. **2022**, 518, 2177-2200 ○
- 27 Assessing the physical reality of Milky Way open cluster candidates. **2022**, 518, 6216-6222 ○
- 26 The most massive stars in very young star clusters with a limited mass: Evidence favours significant self-regulation in the star formation processes. ○
- 25 Near-infrared chemical abundances of stars in the Sculptor dwarf galaxy. ○
- 24 An Early Catalog of Planet-hosting Multiple-star Systems of Order Three and Higher. **2022**, 263, 33 ○
- 23 Properties of Globular Clusters in Galaxy Clusters: Sensitivity from the Formation and Evolution of Globular Clusters. **2022**, 941, 91 ○
- 22 Number of stars in the Sun's birth cluster revisited. ○
- 21 Unbound stars hold the key to young star cluster history. ○
- 20 Stellar initial mass function varies with metallicity and time. **2023**, 613, 460-462 ○
- 19 Reading the tea leaves in the $M_{\text{BH}}-M^*$, sph and $M_{\text{BH}}-R_e$, sph diagrams: dry and gaseous mergers with remnant angular momentum. ○
- 18 Close Encounters of Tight Binary Stars with Stellar-mass Black Holes. ○
- 17 The mass distribution of newborn stars depends on age and amount of metal. ○
- 16 The Identification of a Dusty Multiarm Spiral Galaxy at $z \approx 3.06$ with JWST and ALMA. **2023**, 942, L1 ○
- 15 Uncertainties in asteroseismic grid-based estimates of the ages of halo stars. ○
- 14 Catching a Milky Way open cluster in its last breath. **2023**, 519, 6239-6245 ○
- 13 Raising the observed metallicity floor with a 3D non-LTE analysis of SDSS J102915.14+172927.9. **2023**, 672, A90 ○

- 12 A Preferential Growth Channel for Supermassive Black Holes in Elliptical Galaxies at $z \approx 2$. **2023**, 943, 133 ○
- 11 Mass Function of a Young Cluster in a Low-metallicity Environment. Sh 2-209. **2023**, 943, 137 ○
- 10 Observational Evidence for Cosmological Coupling of Black Holes and its Implications for an Astrophysical Source of Dark Energy. **2023**, 944, L31 ○
- 9 The Effect of Multiple Low-mass Flybys Can Preserve the Orbit of Neptune-like Objects in Slightly Perturbed Orbits in Star Formation Clusters. **2023**, 7, 25 ○
- 8 The cosmic timeline implied by the JWST high-redshift galaxies. **2023**, 521, L85-L89 ○
- 7 The quintuple system 30 Arietis: Comments on orbital stability and habitability. ○
- 6 Splitting the lentils: Clues to galaxy/black hole coevolution from the discovery of offset relations for non-dusty versus dusty (wet-merger-built) lenticular galaxies in the M^* , spheroid and M^* , galaxy diagrams. **2023**, 521, 1023-1044 ○
- 5 Early-forming Massive Stars Suppress Star Formation and Hierarchical Cluster Assembly. **2023**, 944, 211 ○
- 4 JWST/NIRCam Probes Young Star Clusters in the Reionization Era Sunrise Arc. **2023**, 945, 53 ○
- 3 Local stellar formation history from the 40 pc white dwarf sample. **2023**, 522, 1643-1661 ○
- 2 A needle in a haystack? Catching Pop III stars in the Epoch of Reionization: I. Pop III star forming environments. ○
- 1 Massive pre-stellar cores in radiation-magneto-turbulent simulations of molecular clouds. **2023**, 522, 5374-5392 ○