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On the variation of the initial mass function

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599	Ages and Masses of Star Clusters in M33: a Multiwavelength Study. 2022 , 163, 16		3
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596	Black hole mergers in compact star clusters and massive black hole formation beyond the mass-gap. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	5
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580	Deriving ages and horizontal branch properties of integrated stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 511, 341-355	4-3	1
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576	Mapping the Diversity of Galaxy Spectra with Deep Unsupervised Machine Learning. 2022 , 163, 71		1
575	Detection of a 100,000 M_{\odot} black hole in M31's Most Massive Globular Cluster: A Tidally Stripped Nucleus. 2022 , 924, 48		4
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570	MUSE crowded field 3D spectroscopy in NGC 300. 2022 , 658, A117		0
569	A tale of two DIGs: The relative role of Hii regions and low-mass hot evolved stars in powering the diffuse ionised gas (DIG) in PHANGS-MUSE galaxies.		7

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565	The Cetus-Palca stream: A disrupted small dwarf galaxy. A prequel to the science possible with WEAVE with precise spectro-photometric distances.		2
564	Tidal disruption events in poststarburst galaxies: the importance of a complete stellar mass function. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	1
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562	Rapid Stellar and Binary Population Synthesis with COMPAS. 2022 , 258, 34		7
561	Individual element sensitivity for stellar evolutionary isochrones. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	0
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559	Spatially resolved star-formation relations of dense molecular gas in NGC 1068.		1
558	Correlation between the gas-phase metallicity and ionization parameter in extragalactic HII regions.		2
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556	The dark side of galaxy stellar populations I: The stellar-to-halo mass relation and the velocity dispersion - halo mass relation. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	0
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542	Determining the Timescale over Which Stellar Feedback Drives Turbulence in the Interstellar Medium: A Study of Four Nearby Dwarf Irregular Galaxies. 2022 , 163, 132		3
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540	Evidence from Disrupted Halo Dwarfs that r-process Enrichment via Neutron Star Mergers is Delayed by \sim 500 Myr. 2022 , 926, L36		4
539	A combined VANDELS and LEGA-C study: the evolution of quiescent galaxy size, stellar mass, and age from $z = 0.6$ to $z = 1.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 1262-1274	4-3	3
538	CLEAR: Emission-line Ratios at Cosmic High Noon. 2022 , 926, 161		1
537	Far-ultraviolet to FIR Spectral-energy Distribution Modeling of the Stellar Formation History of the M31 Bulge. 2022 , 163, 138		0
536	Merger Rate Density of Binary Black Holes through Isolated Population I, II, III and Extremely Metal-poor Binary Star Evolution. 2022 , 926, 83		2
535	How Important Is Secular Evolution for Black Hole and Neutron Star Mergers in 2+2 and 3+1 Quadruple-star Systems?. 2022 , 926, 195		2
534	Searching for New Observational Signatures of the Dynamical Evolution of Star Clusters. 2022 , 926, 118		0
533	What's in a Name? Quantifying the Interplay between the Definition, Orientation, and Shape of Ultra-diffuse Galaxies Using the Romulus Simulations. 2022 , 926, 92		1

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531	Estimate of the Mass and Radial Profile of the Orphan $\bar{\eta}$ Stream's Dwarf-galaxy Progenitor Using MilkyWay@home. 2022 , 926, 106		1
530	Modelling simple stellar populations in the near-ultraviolet to near-infrared with the X-shooter Spectral Library (XSL).		2
529	Reconstructing the Pleiades with Gaia EDR3. 2022 , 926, 132		4
528	Uncertainties in supernova input rates drive qualitative differences in simulations of galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 199-215	4-3	2
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526	The progenitor of the Vela pulsar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 511, 3428-3439	4-3	0
525	H II morphologies of star clusters in 16 LEGUS galaxies: Constraints on H II region evolution time-scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 1294-1316	4-3	1
524	Recent Formation of a Spiral Disk Hosting Progenitor Globular Clusters at the Center of the Perseus Brightest Cluster Galaxy. I. Spiral Disk. 2022 , 927, 137		1
523	The Dependence of Theoretical Synthetic Spectra on Enhancement in Young, Binary Stellar Populations. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	2
522	Blue Rest-frame UV-optical Colors in $z \sim 8$ Galaxies from GREATS: Very Young Stellar Populations at ~ 650 Myr of Cosmic Time. 2022 , 927, 48		1
521	The Origin of Exponential Star-forming Disks. 2022 , 927, 217		1
520	Properties of Type Ibn Supernovae: Implications for the Progenitor Evolution and the Origin of a Population of Rapid Transients. 2022 , 927, 25		3
519	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
518	Predictions for Complex Distributions of Stellar Elemental Abundances in Low-Mass Galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	0
517	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. 2022 , 259, 35		24
516	Host galaxies and electromagnetic counterparts to binary neutron star mergers across the cosmic time: detectability of GW170817-like events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 2654-2668	4-3	1
515	Probing star formation and ISM properties using galaxy disk inclination. III. Evolution in dust opacity and clumpiness between redshift $0.0 < z < 0.7$ constrained from UV to NIR.		1

514	Revisiting the Rates and Demographics of Tidal Disruption Events: Effects of the Disk Formation Efficiency. 2022 , 927, L19		0
513	Long-term evolution of multimass rotating star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 2584-2593	4.3	1
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511	Significant Molecular Gas Deficiencies in Star-forming Cluster Galaxies at $z \sim 1.4$. 2022 , 927, 235		1
510	Repeated Mergers, Mass-gap Black Holes, and Formation of Intermediate-mass Black Holes in Dense Massive Star Clusters. 2022 , 927, 231		9
509	Mid- and Far-infrared Color-Color Relations within Local Galaxies. 2022 , 928, 120		0
508	X-Ray Emission from Star-cluster Winds in Starburst Galaxies. 2022 , 927, 212		1
507	Comparing Lensing and Stellar Orbital Models of a Nearby Massive Strong-Lens Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
506	Variations in the $\Sigma_{\text{SFR}} - \Sigma_{\text{mol}} - \Sigma_{\text{H}\alpha}$ plane across galactic environments in PHANGS galaxies.		1
505	Mechanical feedback from stellar winds with an application to galaxy formation at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 4573-4592	4.3	1
504	Inferring the helium abundance of extragalactic globular clusters using integrated spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 548-562	4.3	1
503	Across the green valley with HST grisms: colour evolution, crossing time-scales, and the growth of the red sequence at $z = 1.0 \pm 0.8$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 3566-3588	4.3	0
502	The Paschen Jump as a Diagnostic of the Diffuse Nebular Continuum Emission in Active Galactic Nuclei*. 2022 , 927, 60		0
501	Submillimetre galaxies in two massive protoclusters at $z = 2.24$: witnessing the enrichment of extreme starbursts in the outskirts of HAE density peaks. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	0
500	Constraining Type Ia supernova explosions and early flux excesses with the Zwicky Transient Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 1317-1340	4.3	2
499	On the precision of full-spectrum fitting of simple stellar populations IV. A systematic comparison with results from colour-magnitude diagrams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 2014-2024	4.3	1
498	Modelling high-resolution ALMA observations of strongly lensed dusty star-forming galaxies detected by Herschel. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 2426-2438	4.3	0
497	Duality in spatially resolved star formation relations in local LIRGs. 2022 , 659, A102		0

496	Asymmetric Star Formation Triggered by Gas Inflow in a Barred Lenticular Galaxy PGC 34107. 2022 , 927, 215		
495	Self-consistent modelling of the Milky Way's nuclear stellar disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 1857-1884	4.3	2
494	Spectroscopic confirmation of a gravitationally lensed Lyman-break galaxy at $z[\text{C II}] = 6.827$ using NOEMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 535-543	4.3	
493	The synchronized dance of the magellanic clouds's star formation history. 2022 , 513, L40-L45		2
492	Chaotic dynamics of wide triples induced by galactic tides: A novel channel for producing compact binaries, mergers and collisions. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	4
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490	A highly magnified star at redshift 6.2.. 2022 , 603, 815-818		4
489	The ALPINE-ALMA [CII] survey. Dust attenuation curves at $z=4.4-5.5$.		0
488	LYRA II: Cosmological dwarf galaxy formation with inhomogeneous Population III enrichment. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	5
487	Merger rate of charged black holes from the two-body dynamical capture. 2022 , 2022, 059		0
486	CHANG-ES XXV: HI Imaging of Nearby Edge-on Galaxies (Data Release 4. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	0
485	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
484	Wide binaries from the H3 survey: The thick disk and halo have similar wide binary fractions. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
483	Monte Carlo simulations of multiple populations in globular clusters: constraints on the initial size of the second generation from binary stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 776-791	4.3	0
482	An APEX search for carbon emission from NGC 1977 proplyds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 2594-2603	4.3	2
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480	The Dawn of Disk Formation in a Milky Way-sized Galaxy Halo: Thin Stellar Disks at $z > 4$. 2022 , 928, 106		3
479	The spatial evolution of young massive clusters. 2022 , 659, A72		0

478	Mass segregation in the hyades cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 3846-3857	4.3	0
477	A study of 1000 galaxies with unusually young and massive stars in the SDSS: a search for hidden black holes. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	
476	Simulating Jellyfish Galaxies: A Case Study for a Gas-rich Dwarf Galaxy. 2022 , 928, 144		0
475	Polynomial expansion of the star formation history in galaxies.		1
474	Lucky planets: how circum-binary planets survive the supernova in one of the inner-binary components. 2022 , 2,		0
473	The effects of LMC-mass environments on their dwarf satellite galaxies in the FIRE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
472	Supernovae and photoionizing feedback in spiral arm molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1
471	Gravitational Microlensing Rates in Milky Way Globular Clusters. 2022 , 928, 181		1
470	Tracing stars in Milky Way satellites with A-SLOTH. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	2
469	A new insight of AGC 198691 (Leoncino) galaxy with MEGARA at the GTC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 509, 6183-6204	4.3	1
468	APOGEE Chemical Abundance Patterns of the Massive Milky Way Satellites. 2021 , 923, 172		7
467	Wolf-Rayet Galaxies in SDSS-IV MaNGA. II. Metallicity Dependence of the High-mass Slope of the Stellar Initial Mass Function. 2021 , 923, 120		1
466	Stellar Population and Elemental Abundance Gradients of Early-type Galaxies*. 2021 , 923, 65		1
465	Comparison of Composite and Star-forming Early-type Galaxies. 2022 , 163, 28		
464	The Isaac Newton Telescope Monitoring Survey of Local Group Dwarf Galaxies. II. The Star-formation History of Andromeda I Derived from Long-period Variables. 2021 , 923, 164		0
463	Modelling emission lines in star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 510, 1880-1893	4.3	1
462	Are Type Ia Supernovae in Rest-frame H Brighter in More Massive Galaxies?. 2021 , 923, 197		2
461	Second-generation star formation in globular clusters of different masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 510, 4330-4346	4.3	2

460	Observational identification of a sample of likely recent common-envelope events. 2022 , 6, 275-286		1
459	Radio emission from outflow-cloud interaction and its constraint on tidal disruption event outflow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 510, 3650-3657	4-3	2
458	Stars in the local galactic thick disc and halo in Gaia EDR3: a catalogue of half a million local main-sequence stars with photometric metallicities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 510, 4308-4329	4-3	2
457	Revised event rates for extreme and extremely large mass-ratio inspirals. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 510, 2379-2390	4-3	1
456	DIISC-II: Unveiling the Connections between Star Formation and Interstellar Medium in the Extended Ultraviolet Disk of NGC 3344. 2021 , 923, 199		0
455	VLT/MUSE and ATCA Observations of the Host Galaxy of the Short GRB 080905A at $z = 0.122$. 2021 , 923, 38		
454	Physical Properties of Massive Compact Starburst Galaxies with Extreme Outflows. 2021 , 923, 275		1
453	Stellar mass segregation as separating classifier between globular clusters and ultrafaint dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 510, 3531-3545	4-3	2
452	The Far-away Blues: Exploring the Furthest Extents of the Boötes I Ultra-faint Dwarf Galaxy. 2021 , 923, 218		0
451	ALMA-IMF. I. Investigating the origin of stellar masses: Introduction to the Large Program and first results.		1
450	The Sample of Red Supergiants in 12 Low-mass Galaxies of the Local Group. 2021 , 923, 232		2
449	Systematic Korea Microlensing Telescope Network planetary anomaly search III. One wide-orbit planet and two stellar binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 510, 1778-1790	4-3	0
448	Preparing the next gravitational million-body simulations: evolution of single and binary stars in nbody6++gpu, mocha, and mcluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 511, 4060-4089	4-3	3
447	Grouped star formation: converting sink particles to stars in hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 510, 2657-2670	4-3	1
446	A new model for simulating circumstellar dynamics in young stellar clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 510, 1470-1479	4-3	
445	Testing the Relationship between Bursty Star Formation and Size Fluctuations of Local Dwarf Galaxies. 2021 , 922, 217		2
444	OUP accepted manuscript. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	0
443	Detectability of Black Hole Binaries with Gaia: Dependence on Binary Evolution Models. 2022 , 928, 13		0

442	The Panchromatic Hubble Andromeda Treasury: Triangulum Extended Region (PHATTER). III. The Mass Function of Young Stellar Clusters in M33. 2022 , 928, 15		1
441	Properties of High-redshift Gamma-Ray Bursts. 2022 , 929, 111		0
440	The Stellar Metallicities of Massive Quiescent Galaxies at $1.0 < z < 1.3$ from KMOS + VANDELS. 2022 , 929, 131		2
439	Compact molecular gas emission in local LIRGs among low- and high- z galaxies.		0
438	ALMA Measures Molecular Gas Reservoirs Comparable to Field Galaxies in a Low-mass Galaxy Cluster at $z = 1.3$. 2022 , 929, 35		0
437	The Archival Discovery of a Strong Ly α and [C ii] Emitter at $z = 7.677$. 2022 , 929, L9		1
436	ALMA-IMF. III. Investigating the origin of stellar masses: Top-heavy core mass function in the W43-MM2&MM3 mini-starburst.		2
435	The Metallicity Distribution Function in Outer Halo Fields of Simulated Elliptical Galaxies Compared to Observations of NGC 5128. 2022 , 929, 113		
434	The VANDELS survey: a measurement of the average Lyman-continuum escape fraction of star-forming galaxies at $z = 3.5$. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	2
433	Two-point Separation Functions for Modeling Wide Binary Systems in Nearby Dwarf Galaxies. 2022 , 929, 77		2
432	Kinematics and Feedback in H ii Regions in the Dwarf Starburst Galaxy IC 10. 2022 , 929, 74		
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