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43	VST-GAME: Galaxy assembly as a function of mass and environment with VST. Photometric assessment and density field of MACSJ0416.	O
42	There and back again: understanding the critical properties of backsplash galaxies.	0
41	Fast and realistic large-scale structure from machine-learning-augmented random field simulations.	O
40	Ageing and quenching through the ageing diagram: predictions from simulations and observational constraints.	0
39	A roadmap to cosmological parameter analysis with third-order shear statistics. I. Modelling and validation.	O
38	Gaia DR3 view of dynamical substructure in the stellar halo near the Sun.	1
37	Analyzing planar galactic halo distributions with fuzzy/cold dark matter models. <b>2022</b> , 2022, 033	O

36	Substructures in the Isolated Galaxy clusters. 256-264	О
35	Representations of the Uncertain: Art, Astronomy, and Dark Matter. <b>2022</b> , 165-187	O
34	The role of Pop III stars and early black holes in the 21cm signal from Cosmic Dawn.	O
33	The Impact of GRBs on Exoplanetary Habitability. <b>2023</b> , 9, 60	O
32	The internal metallicity distributions of simulated galaxies from EAGLE, Illustris, and IllustrisTNG at z $=$ 1.8 $^\circ$ 8 as probed by gamma-ray burst hosts. <b>2023</b> , 520, 879-896	O
31	Consistent and simultaneous modelling of galaxy clustering and galaxyagalaxy lensing with subhalo abundance matching. <b>2023</b> , 520, 489-502	1
30	Neff from an excited dark matter state. <b>2023</b> , 107,	О
29	Deep Spitzer/IRAC Data for z ~ 10 Galaxies Reveal Blue Balmer Break Colors: Young Stellar Populations at ~500 Myr of Cosmic Time. <b>2023</b> , 943, 81	O
28	Making Real Galaxies. <b>2023</b> , 665-709	О
27	Gravothermal collapse of self-interacting dark matter halos as the origin of intermediate mass black holes in Milky Way satellites. <b>2023</b> , 107,	O
26	Massive galaxy formation caught in action at $z \sim 5$ with JWST. <b>2023</b> , 670, L11	O
25	Baryonic Effects on Lagrangian Clustering and Angular Momentum Reconstruction. <b>2023</b> , 943, 128	O
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21	Complementary cosmological simulations. <b>2023</b> , 672, A59	O
20	Foreground removal of CO intensity mapping using deep learning. 2023, 521, 278-288	О
19	The growth of brightest cluster galaxies in the TNG300 simulation: dissecting the contributions from mergers andin situstar formation. <b>2023</b> , 521, 800-817	Ο

18	Cosmic web & Took amp; caustic skeleton: non-linear constrained realizations â DD case studies. <b>2023</b> , 2023, 058	O
17	The DESI PRObabilistic Value-added Bright Galaxy Survey (PROVABGS) Mock Challenge. <b>2023</b> , 945, 16	1
16	Accurate analytic massâ\(\text{Scale}\) relations for dark matter haloes of all masses and redshifts. <b>2023</b> , 521, 1988-2001	0
15	Fitting a self-interacting dark matter model to data ranging from satellite galaxies to galaxy clusters. <b>2023</b> , 107,	O
14	Andromeda XXV âla dwarf galaxy with a low central dark matter density. 2023, 521, 3527-3539	O
13	The need for obscured supermassive black hole growth to explain quasar proximity zones in the epoch of reionization. <b>2023</b> , 521, 3108-3126	O
12	Ionizing photon production and escape fractions during cosmic reionization in the TNG50 simulation. <b>2023</b> , 521, 3077-3097	O
11	The shape distribution of superclusters in SDSS DR12. <b>2023</b> , 521, 4712-4730	O
10	Tidal stripping in the adiabatic limit. <b>2023</b> , 521, 4432-4461	1
9	Morphological asymmetries of quasar host galaxies with Subaru Hyper Suprime-Cam. <b>2023</b> , 521, 5272-5297	О
8	CEERS Key Paper. II. A First Look at the Resolved Host Properties of AGN at 3 < z < 5 with JWST. <b>2023</b> , 946, L14	0
7	Forming intracluster gas in a galaxy protocluster at a redshift of 2.16. <b>2023</b> , 615, 809-812	O
6	Modelling Dark Matter Halo Spin using Observations and Simulations: application to UGC 5288.	O
5	The Post-recombination Era. <b>2023</b> , 539-559	O
4	Investigating the Dominant Environmental Quenching Process in UVCANDELS/COSMOS Groups. <b>2023</b> , 947, 17	O
3	Lopsided Satellite Distributions around Isolated Host Galaxies in a ICDM Universe. 2023, 947, 56	O
2	Galaxy rotation favors prolate dark matter haloes. <b>2023</b> , 107,	O
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