Ghassem Gozaliasl

List of Publications by Year in Descending Order

36 papers	536 citations	11 h-index	22 g-index
40 ext. papers	942 ext. citations	5 avg, IF	3.85 L-index

#	Paper	IF	Citations
36	Bent It Like FRs: Extended Radio AGN in the COSMOS Field and Their Large-Scale Environment. *Galaxies*, **2021**, 9, 93	2	1
35	CODEX weak lensing mass catalogue and implications on the mass–richness relation. *Monthly Notices of the Royal Astronomical Society*, **2021**, 502, 1494-1526	4.3	2
34	Euclid preparation. *Astronomy and Astrophysics*, **2021**, 647, A117	5.1	1
33	Common pitfalls and recommendations for using machine learning to detect and prognosticate for COVID-19 using chest radiographs and CT scans. *Nature Machine Intelligence*, **2021**, 3, 199-217	22.5	200
32	The Isaac Newton Telescope Monitoring Survey of Local Group Dwarf Galaxies. IV. The Star Formation History of Andromeda VII Derived from Long-period Variable Stars. *Astrophysical Journal* , **2021**, 910, 127	4.7	3
31	FR-type radio sources at 3 GHz VLA-COSMOS: Relation to physical properties and large-scale environment. *Astronomy and Astrophysics*, **2021**, 648, A102	5.1	7
30	The M *–M halo Relation at 0.08 *Research Notes of the AAS*, **2021**, 5, 89	0.8	1
29	Euclid preparation: IX. EuclidEmulator2 – power spectrum emulation with massive neutrinos and self-consistent dark energy perturbations. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 2840-2869	4.3	10
28	Radio galaxies in galaxy groups: kinematics, scaling relations, and AGN feedback. *Monthly Notices of the Royal Astronomical Society*, **2021**, 505, 2628-2637	4.3	1
27	Euclid Preparation. XIV. The Complete Calibration of the Color–Redshift Relation (C3R2) Survey: Data Release 3. *Astrophysical Journal, Supplement Series*, **2021**, 256, 9	8	1
26	The relation between the diffuse X-ray luminosity and the radio power of the central AGN in galaxy groups. *Monthly Notices of the Royal Astronomical Society*, **2020**, 497, 2163-2174	4.3	5
25	The Isaac Newton Telescope Monitoring Survey of Local Group Dwarf Galaxies. I. Survey Overview and First Results for Andromeda I. *Astrophysical Journal*, **2020**, 894, 135	4.7	6
24	Kinematic unrest of low mass galaxy groups. *Astronomy and Astrophysics*, **2020**, 635, A36	5.1	6
23	Hot WHIM counterparts of FUV O VI absorbers: Evidence in the line-of-sight towards quasar 3C 273. *Astronomy and Astrophysics*, **2020**, 634, A106	5.1	6
22	Full-sky photon simulation of clusters and active galactic nuclei in the soft X-rays for eROSITA. *The Open Journal of Astrophysics*, **2020**, 3,	8.1	11
21	The VLA-COSMOS 3 GHz Large Project: Evolution of Specific Star Formation Rates out to z ~ 5. *Astrophysical Journal*, **2020**, 899, 58	4.7	25
20	On the Reliability of Photometric and Spectroscopic Tracers of Halo Relaxation. *Astrophysical Journal*, **2020**, 904, 36	4.7	2

19	Euclid preparation. *Astronomy and Astrophysics*, **2020**, 642, A192	5.1	6
18	Euclid preparation. *Astronomy and Astrophysics*, **2020**, 644, A31	5.1	11
17	Horizon-AGN virtual observatory I. SED-fitting performance and forecasts for future imaging surveys. *Monthly Notices of the Royal Astronomical Society*, **2019**, 486, 5104-5123	4.3	29
16	Group connectivity in COSMOS: a tracer of mass assembly history. *Monthly Notices of the Royal Astronomical Society*, **2019**, 489, 5695-5708	4.3	14
15	A closer look at the deep radio sky: Multi-component radio sources at 3 GHz VLA-COSMOS. *Astronomy and Astrophysics*, **2019**, 627, A142	5.1	4
14	Stellar mass–halo mass relation for the brightest central galaxies of X-ray clusters since z ~ 0.65. *Astronomy and Astrophysics*, **2019**, 631, A175	5.1	16
13	Chandracentres for COSMOS X-ray galaxy groups: differences in stellar properties between central dominant and offset brightest group galaxies. *Monthly Notices of the Royal Astronomical Society*, **2019**, 483, 3545-3565	4.3	30
12	Brightest group galaxies II: the relative contribution of BGGs to the total baryon content of groups at z *Monthly Notices of the Royal Astronomical Society*, **2018**, 475, 2787-2808	4.3	8
11	The RedGOLD cluster detection algorithm and its cluster candidate catalogue for the CFHT-LS W1. *Monthly Notices of the Royal Astronomical Society*, **2016**, 455, 3020-3041	4.3	19
10	Brightest group galaxies: stellar mass and star formation rate (paper I). *Monthly Notices of the Royal Astronomical Society*, **2016**, 458, 2762-2775	4.3	14
9	Satellite content and quenching of star formation in galaxy groups atz~ 1.8. *Astronomy and Astrophysics*, **2015**, 581, A56	5.1	10
8	PROBING GALAXY FORMATION MODELS IN COSMOLOGICAL SIMULATIONS WITH OBSERVATIONS OF GALAXY GROUPS. *Publications of the Korean Astronomical Society*, **2015**, 30, 349-353		
7	Mining the gap: evolution of the magnitude gap in X-ray galaxy groups from the 3-square-degree XMM coverage of CFHTLS. *Astronomy and Astrophysics*, **2014**, 566, A140	5.1	29
6	Evolution of the galaxy luminosity function in progenitors of fossil groups. *Astronomy and Astrophysics*, **2014**, 571, A49	5.1	17
5	Optically selected fossil groups; X-ray observations and galaxy properties. *Monthly Notices of the Royal Astronomical Society*, **2014**, 443, 318-327	4.3	14
4	Orbital period changes and photometric study of contact binary system AK Her. *New Astronomy*, **2010**, 15, 339-342	1.8	5
3	A Period Study of the Eclipsing Binary U Sagittae. *Astronomical Journal*, **2007**, 133, 1302-1306	4.9	10
2	Orbital Period Changes and Long Term Luminosity Variation in Active Binary CG Cyg. *Astrophysics and Space Science*, **2006**, 304, 157-160	1.6	2

1 Euclid preparation. XII. Optimizing the photometric sample of the Euclid survey for galaxy clustering and galaxy-galaxy lensing analyses. *Astronomy and Astrophysics*, 5.1 2