

Ghassem Gozaliasl

List of Publications by Citations

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

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	Common pitfalls and recommendations for using machine learning to detect and prognosticate for COVID-19 using chest radiographs and CT scans. <i>Nature Machine Intelligence</i> , 2021 , 3, 199-217	22.5	200
35	Chandracentres for COSMOS X-ray galaxy groups: differences in stellar properties between central dominant and offset brightest group galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 3545-3565	4.3	30
34	Horizon-AGN virtual observatory I. SED-fitting performance and forecasts for future imaging surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 5104-5123	4.3	29
33	Mining the gap: evolution of the magnitude gap in X-ray galaxy groups from the 3-square-degree XMM coverage of CFHTLS. <i>Astronomy and Astrophysics</i> , 2014 , 566, A140	5.1	29
32	The VLA-COSMOS 3 GHz Large Project: Evolution of Specific Star Formation Rates out to $z \sim 5$. <i>Astrophysical Journal</i> , 2020 , 899, 58	4.7	25
31	The RedGOLD cluster detection algorithm and its cluster candidate catalogue for the CFHT-LS W1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 455, 3020-3041	4.3	19
30	Evolution of the galaxy luminosity function in progenitors of fossil groups. <i>Astronomy and Astrophysics</i> , 2014 , 571, A49	5.1	17
29	Stellar mass halo mass relation for the brightest central galaxies of X-ray clusters since $z \sim 0.65$. <i>Astronomy and Astrophysics</i> , 2019 , 631, A175	5.1	16
28	Brightest group galaxies: stellar mass and star formation rate (paper I). <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 458, 2762-2775	4.3	14
27	Group connectivity in COSMOS: a tracer of mass assembly history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 5695-5708	4.3	14
26	Optically selected fossil groups; X-ray observations and galaxy properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 443, 318-327	4.3	14
25	Full-sky photon simulation of clusters and active galactic nuclei in the soft X-rays for eROSITA. <i>The Open Journal of Astrophysics</i> , 2020 , 3,	8.1	11
24	Euclid preparation. <i>Astronomy and Astrophysics</i> , 2020 , 644, A31	5.1	11
23	Satellite content and quenching of star formation in galaxy groups at $z \sim 1.8$. <i>Astronomy and Astrophysics</i> , 2015 , 581, A56	5.1	10
22	A Period Study of the Eclipsing Binary U Sagittae. <i>Astronomical Journal</i> , 2007 , 133, 1302-1306	4.9	10
21	Euclid preparation: IX. EuclidEmulator2 power spectrum emulation with massive neutrinos and self-consistent dark energy perturbations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 2840-2869	4.3	10
20	Brightest group galaxies II: the relative contribution of BGGs to the total baryon content of groups at z . <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 2787-2808	4.3	8

19	FR-type radio sources at 3 GHz VLA-COSMOS: Relation to physical properties and large-scale environment. <i>Astronomy and Astrophysics</i> , 2021 , 648, A102	5.1	7
18	The Isaac Newton Telescope Monitoring Survey of Local Group Dwarf Galaxies. I. Survey Overview and First Results for Andromeda I. <i>Astrophysical Journal</i> , 2020 , 894, 135	4.7	6
17	Kinematic unrest of low mass galaxy groups. <i>Astronomy and Astrophysics</i> , 2020 , 635, A36	5.1	6
16	Hot WHIM counterparts of FUV O VI absorbers: Evidence in the line-of-sight towards quasar 3C 273. <i>Astronomy and Astrophysics</i> , 2020 , 634, A106	5.1	6
15	Euclid preparation. <i>Astronomy and Astrophysics</i> , 2020 , 642, A192	5.1	6
14	The relation between the diffuse X-ray luminosity and the radio power of the central AGN in galaxy groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 2163-2174	4.3	5
13	Orbital period changes and photometric study of contact binary system AK Her. <i>New Astronomy</i> , 2010 , 15, 339-342	1.8	5
12	A closer look at the deep radio sky: Multi-component radio sources at 3 GHz VLA-COSMOS. <i>Astronomy and Astrophysics</i> , 2019 , 627, A142	5.1	4
11	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. <i>Astrophysical Journal</i> , 2021 , 910, 127	4.7	3
10	Orbital Period Changes and Long Term Luminosity Variation in Active Binary CG Cyg. <i>Astrophysics and Space Science</i> , 2006 , 304, 157-160	1.6	2
9	On the Reliability of Photometric and Spectroscopic Tracers of Halo Relaxation. <i>Astrophysical Journal</i> , 2020 , 904, 36	4.7	2
8	CODEX weak lensing mass catalogue and implications on the mass-richness relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 1494-1526	4.3	2
7	Euclid preparation. XII. Optimizing the photometric sample of the Euclid survey for galaxy clustering and galaxy-galaxy lensing analyses. <i>Astronomy and Astrophysics</i> ,	5.1	2
6	Bent It Like FRs: Extended Radio AGN in the COSMOS Field and Their Large-Scale Environment. <i>Galaxies</i> , 2021 , 9, 93	2	1
5	Euclid preparation. <i>Astronomy and Astrophysics</i> , 2021 , 647, A117	5.1	1
4	The M^* halo Relation at 0.08μ <i>Research Notes of the AAS</i> , 2021 , 5, 89	0.8	1
3	Radio galaxies in galaxy groups: kinematics, scaling relations, and AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 2628-2637	4.3	1
2	Euclid Preparation. XIV. The Complete Calibration of the Color-Redshift Relation (C3R2) Survey: Data Release 3. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 256, 9	8	1

1

PROBING GALAXY FORMATION MODELS IN COSMOLOGICAL SIMULATIONS WITH OBSERVATIONS OF GALAXY GROUPS. *Publications of the Korean Astronomical Society*, **2015**, 30, 349-353