

# Nicolas Tejos

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

2,837  
citations

236612

25  
h-index

214527

47  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2419  
citing authors

#	ARTICLE	IF	CITATIONS
1	THE COS-HALOS SURVEY: PHYSICAL CONDITIONS AND BARYONIC MASS IN THE LOW-REDSHIFT CIRCUMGALACTIC MEDIUM. <i>Astrophysical Journal</i> , 2014, 792, 8.	1.6	464
2	A census of baryons in the Universe from localized fast radio bursts. <i>Nature</i> , 2020, 581, 391-395.	13.7	341
3	A single fast radio burst localized to a massive galaxy at cosmological distance. <i>Science</i> , 2019, 365, 565-570.	6.0	295
4	The low density and magnetization of a massive galaxy halo exposed by a fast radio burst. <i>Science</i> , 2019, 366, 231-234.	6.0	204
5	The COS-Halos Survey: Metallicities in the Low-redshift Circumgalactic Medium. <i>Astrophysical Journal</i> , 2017, 837, 169.	1.6	203
6	Host Galaxy Properties and Offset Distributions of Fast Radio Bursts: Implications for Their Progenitors. <i>Astrophysical Journal</i> , 2020, 903, 152.	1.6	148
7	The Host Galaxies and Progenitors of Fast Radio Bursts Localized with the Australian Square Kilometre Array Pathfinder. <i>Astrophysical Journal Letters</i> , 2020, 895, L37.	3.0	113
8	Characterizing the Fast Radio Burst Host Galaxy Population and its Connection to Transients in the Local and Extragalactic Universe. <i>Astronomical Journal</i> , 2022, 163, 69.	1.9	91
9	A Distant Fast Radio Burst Associated with Its Host Galaxy by the Very Large Array. <i>Astrophysical Journal</i> , 2020, 899, 161.	1.6	62
10	A clumpy and anisotropic galaxy halo at redshift 1 from gravitational-arc tomography. <i>Nature</i> , 2018, 554, 493-496.	13.7	59
11	The COS Absorption Survey of Baryon Harbors (CASBaH): Warm Hot Circumgalactic Gas Reservoirs Traced by Ne VIII Absorption. <i>Astrophysical Journal Letters</i> , 2019, 877, L20.	3.0	55
12	Probing the intra-group medium of a $z \approx 0.28$ galaxy group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1373-1386.	1.6	47
13	On the connection between the intergalactic medium and galaxies: the $H\alpha$ galaxy cross-correlation at $z \approx 1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 437, 2017-2075.	1.6	46
14	Chronicling the Host Galaxy Properties of the Remarkable Repeating FRB 20201124A. <i>Astrophysical Journal Letters</i> , 2021, 919, L23.	3.0	45
15	A High-resolution View of Fast Radio Burst Host Environments. <i>Astrophysical Journal</i> , 2021, 917, 75.	1.6	41
16	Limits on Precursor and Afterglow Radio Emission from a Fast Radio Burst in a Star-forming Galaxy. <i>Astrophysical Journal Letters</i> , 2020, 901, L20.	3.0	40
17	A Search for the Host Galaxy of FRB 171020. <i>Astrophysical Journal Letters</i> , 2018, 867, L10.	3.0	38
18	Space Telescope and Optical Reverberation Mapping Project. IX. Velocity Delay Maps for Broad Emission Lines in NGC 5548. <i>Astrophysical Journal</i> , 2021, 907, 76.	1.6	36

#	ARTICLE	IF	CITATIONS
19	Towards the statistical detection of the warm “hot intergalactic medium in intercluster filaments of the cosmic web. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2662-2697.	1.6	31
20	Dissecting the Local Environment of FRB 190608 in the Spiral Arm of its Host Galaxy. Astrophysical Journal, 2021, 922, 173.	1.6	31
21	Metal-enriched halo gas across galaxy overdensities over the last 10 billion years. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4573-4599.	1.6	30
22	CGM <sup>2</sup> : I: The Extent of the Circumgalactic Medium Traced by Neutral Hydrogen. Astrophysical Journal, 2021, 912, 9.	1.6	29
23	A compact, metal-rich, kpc-scale outflow in FBQS J0209+0438: detailed diagnostics from HST/COS extreme UV observations. Monthly Notices of the Royal Astronomical Society, 2014, 440, 3317-3340.	1.6	28
24	Slicing the cool circumgalactic medium along the major axis of a star-forming galaxy at $z \approx 0.7$ . Monthly Notices of the Royal Astronomical Society, 2020, 491, 4442-4461.	1.6	28
25	Quasar Sightline and Galaxy Evolution (QSAGE) survey I. The galaxy environment of O VI absorbers up to $z = 1.4$ around PKS 0232+04. Monthly Notices of the Royal Astronomical Society, 2019, 486, 21-41.	1.6	26
26	Disentangling the Cosmic Web toward FRB 190608. Astrophysical Journal, 2020, 901, 134.	1.6	26
27	Large-scale structure in absorption: gas within and around galaxy voids. Monthly Notices of the Royal Astronomical Society, 2012, 425, 245-260.	1.6	25
28	Revealing the Dark Threads of the Cosmic Web. Astrophysical Journal Letters, 2020, 891, L35.	3.0	25
29	The Red Dead Redemption Survey of Circumgalactic Gas about Massive Galaxies. I. Mass and Metallicity of the Cool Phase. Astrophysical Journal, 2019, 883, 5.	1.6	23
30	The COS Absorption Survey of Baryon Harbors: The Galaxy Database and Cross-correlation Analysis of O VI Systems. Astrophysical Journal, Supplement Series, 2019, 243, 24.	3.0	22
31	Space Telescope and Optical Reverberation Mapping Project. XII. Broad-line Region Modeling of NGC 5548. Astrophysical Journal, 2020, 902, 74.	1.6	22
32	Telltale signs of metal recycling in the circumgalactic medium of a $z \approx 0.77$ galaxy. Monthly Notices of the Royal Astronomical Society, 2021, 507, 663-679.	1.6	20
33	A fast radio burst in the direction of the Virgo Cluster. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1-8.	1.6	19
34	On the connection between the metal-enriched intergalactic medium and galaxies: an O VI “galaxy cross-correlation study at $z < 1$ . Monthly Notices of the Royal Astronomical Society, 2016, 460, 590-616.	1.6	18
35	Deep Optical Observations Contemporaneous with Emission from the Periodic FRB 180916.J0158+65. Astrophysical Journal Letters, 2021, 907, L3.	3.0	18
36	A search for supernova-like optical counterparts to ASKAP-localised fast radio bursts. Astronomy and Astrophysics, 2020, 639, A119.	2.1	12

#	ARTICLE	IF	CITATIONS
37	Quasar Sightline and Galaxy Evolution (QSAGE) survey II. Galaxy overdensities around UV luminous quasars at $z=1-2$ . Monthly Notices of the Royal Astronomical Society, 2020, 497, 3083-3096.	1.6	11
38	The CGM <sup>2</sup> Survey: Circumgalactic O vi from Dwarf to Massive Star-forming Galaxies. Astrophysical Journal, 2022, 927, 147.	1.6	11
39	A VLT/MUSE galaxy survey towards QSO Q1410: looking for a WHIM traced by BLAs in inter-cluster filaments.... Monthly Notices of the Royal Astronomical Society, 2018, 477, 2991-3013.	1.6	10
40	Constraining bright optical counterparts of fast radio bursts. Astronomy and Astrophysics, 2021, 653, A119.	2.1	10
41	The relationship between gas and galaxies at $z < 1$ using the Q0107 quasar triplet. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2574-2602.	1.6	8
42	First discoveries and localizations of Fast Radio Bursts with MeerTRAP: real-time, commensal MeerKAT survey. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1961-1974.	1.6	8
43	Estimating the Contribution of Foreground Halos to the FRB 180924 Dispersion Measure. Astrophysical Journal, 2021, 921, 134.	1.6	7
44	Molecular gas budget and characterization of intermediate-mass star-forming galaxies at $z \sim 2-3$ . Astronomy and Astrophysics, 2021, 655, A42.	2.1	5
45	Stochastic Order Redshift Technique (SORT): a simple, efficient and robust method to improve cosmological redshift measurements. Monthly Notices of the Royal Astronomical Society, 2018, 473, 366-379.	1.6	2
46	Multiwavelength Follow-up of FRB180309. Astrophysical Journal, 2021, 913, 78.	1.6	2
47	Galaxy correlation function and local density from photometric redshifts using the stochastic order redshift technique (SORT). Monthly Notices of the Royal Astronomical Society, 2022, 514, 1857-1878.	1.6	2