Ignasi PÃ©rez-RÃ fols

List of Publications by Year
in descending order

26 papers	7,715 citations	567281 15 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	7840 citing authors

#	Article	IF	Citations
1	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2015, 219, 12.	7.7	1,877
2	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. Astronomical Journal, 2013, 145, 10.	4.7	1,571
3	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. Astrophysical Journal, Supplement Series, 2012, 203, 21.	7.7	1,158
4	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. Astrophysical Journal, Supplement Series, 2020, 249, 3.	7.7	826
5	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. Astrophysical Journal, Supplement Series, 2014, 211, 17.	7.7	820
6	Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Cosmological implications from two decades of spectroscopic surveys at the Apache Point Observatory. Physical Review D, 2021, 103, .	4.7	527
7	Baryon acoustic oscillations from the complete SDSS-III LyÎ±-quasar cross-correlation function at z = 2.4. Astronomy and Astrophysics, 2017, 608, A130.	5.1	189
8	Baryon acoustic oscillations from the cross-correlation of LyÎ±absorption and quasars in eBOSS DR14. Astronomy and Astrophysics, 2019, 629, A86.	5.1	176
9	Baryon acoustic oscillations at z = 2.34 from the correlations of LyÎ± absorption in eBOSS DR14. Astronomy and Astrophysics, 2019, 629, A85.	5.1	176
10	The Completed SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations with LyÎ±ÂForests. Astrophysical Journal, 2020, 901, 153.	4.5	174
11	The SDSS-DR12 large-scale cross-correlation of damped Lyman alpha systems with the Lyman alpha forest. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3019-3038.	4.4	46
12	Robustness of cosmic neutrino background detection in the cosmic microwave background. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 036-036.	5.4	28
13	The Mean Metal-line Absorption Spectrum of Damped LyÎ± Systems in BOSS. Astrophysical Journal, 2017, 846, 4.	4.5	24
14	LyaCoLoRe: synthetic datasets for current and future Lyman-Î± forest BAO surveys. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 068-068.	5.4	24
15	The Extended Baryon Oscillation Spectroscopic Survey: Measuring the Cross-correlation between the Mg ii Flux Transmission Field and Quasars and Galaxies at zÂ=Â0.59. Astrophysical Journal, 2019, 878, 47.	4.5	19
16	The cosmological bias factor of damped Lyman alpha systems: dependence on metal line strength. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4702-4709.	4.4	15
17	The cross-correlation of Mgâ€‰ii absorption and galaxies in BOSS. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2784-2802.	4.4	14
18	The triply-ionized carbon forest from eBOSS: cosmological correlations with quasars in SDSS-IV DR14. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 029-029.	5.4	13

#	Article	IF	Citations
19	Spectroscopic QUasar Extractor and redshift (z) Estimator squeze â€“ I. Methodology. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4931-4940.	4.4	9
20	The Completed Sloan Digital Sky Survey IV Extended Baryon Oscillation Spectroscopic Survey: The Damped LyÎ± Systems Catalog. Astrophysical Journal, Supplement Series, 2022, 258, 18.	7.7	7
21	The impact and mitigation of broad-absorption-line quasars in Lymanâ€‰Î± forest correlations. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3514-3523.	4.4	5
22	Forecasts for WEAVE-QSO: 3D clustering and connectivity of critical points with Lyman-Î± tomography. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1359-1385.	4.4	5
23	Origin of Metals around Galaxies. I. Catalogs of Metal-line Absorption Doublets from High-resolution Quasar Spectra. Astrophysical Journal, 2018, 862, 50.	4.5	4
24	Spectroscopic QUasar extractor and redshift (z) estimator squeze â€“ II. Universality of the results. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4941-4950.	4.4	4
25	A metal-line strength indicator for damped Lyman alpha (DLA) systems at low signal-to-noise. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3921-3934.	4.4	3
26	Probing large-scale UV background inhomogeneity associated with quasars using metal absorption. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5750-5763.	4.4	1