

# Ivan Lacerna

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

4,609  
citations

361413

20  
h-index

361022

35  
g-index

35  
all docs

35  
docs citations

35  
times ranked

5613  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. <i>Astronomical Journal</i> , 2017, 154, 28.	4.7	1,100
2	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 3.	7.7	826
3	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 42.	7.7	796
4	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 25.	7.7	406
5	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 35.	7.7	405
6	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 23.	7.7	299
7	Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code â€“ II. The Southern clusters and overview. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1641-1670.	4.4	103
8	The Lazy Giants: APOGEE Abundances Reveal Low Star Formation Efficiencies in the Magellanic Clouds. <i>Astrophysical Journal</i> , 2020, 895, 88.	4.5	77
9	APOGEE Chemical Abundance Patterns of the Massive Milky Way Satellites. <i>Astrophysical Journal</i> , 2021, 923, 172.	4.5	64
10	Metallicity and $\alpha$ -Element Abundance Gradients along the Sagittarius Stream as Seen by APOGEE. <i>Astrophysical Journal</i> , 2020, 889, 63.	4.5	51
11	SDSS-IV MaNGA-resolved Star Formation and Molecular Gas Properties of Green Valley Galaxies: A First Look with ALMA and MaNGA. <i>Astrophysical Journal</i> , 2017, 851, 18.	4.5	47
12	The evolution of assembly bias. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1133-1148.	4.4	45
13	SDSS-IV MaNGA: Inside-out versus Outside-in Quenching of Galaxies in Different Local Environments. <i>Astrophysical Journal</i> , 2019, 872, 50.	4.5	40
14	The nature of assembly bias â€“ III. Observational properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 3107-3117.	4.4	36
15	The nature of assembly bias â€“ II. Halo spin. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 426, L26-L30.	3.3	33
16	CENTRAL GALAXIES IN DIFFERENT ENVIRONMENTS: DO THEY HAVE SIMILAR PROPERTIES?. <i>Astrophysical Journal</i> , 2014, 788, 29.	4.5	28
17	Isolated elliptical galaxies in the local Universe. <i>Astronomy and Astrophysics</i> , 2016, 588, A79.	5.1	27
18	SDSS IV MaNGA: Dependence of Global and Spatially Resolved SFRâ€™M<sub>â€™</sub> Relations on Galaxy Properties. <i>Astrophysical Journal</i> , 2018, 854, 159.	4.5	26

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19	SDSS-IV MaNGA: Global and local stellar population properties of elliptical galaxies. <i>Astronomy and Astrophysics</i> , 2020, 644, A117.	5.1	26
20	The manifestation of secondary bias on the galaxy population from IllustrisTNG300. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1182-1196.	4.4	23
21	Galactic conformity measured in semi-analytic models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1177-1189.	4.4	17
22	The dependence of mass and environment on the secular processes of AGNs in terms of morphology, colour, and specific star-formation rate. <i>Astronomy and Astrophysics</i> , 2018, 620, A113.	5.1	16
23	The growth of galactic bulges through mergers in $\Lambda$ cold dark matter haloes revisited II. Morphological mix evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 417-430.	4.4	15
24	SDSS-IV MaNGA: signatures of halo assembly in kinematically misaligned galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 172-188.	4.4	15
25	The nature of assembly bias - I. Clues from a $\Lambda$ CDM cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, , no-no.	4.4	14
26	SDSS IV MaNGA: visual morphological and statistical characterization of the DR15 sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2222-2244.	4.4	12
27	On the environmental influence of groups and clusters of galaxies beyond the virial radius: Galactic conformity at few Mpc scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2271-2284.	4.4	12
28	SDSS-IV MaNGA: Environmental Dependence of the $M_{gb}/\sigma_{85}$ Relation for Nearby Galaxies. <i>Astrophysical Journal</i> , 2019, 873, 63.	4.5	11
29	Field spheroid-dominated galaxies in a $\Lambda$ -CDM Universe. <i>Astronomy and Astrophysics</i> , 2018, 614, A85.	5.1	7
30	SDSS-IV MaNGA: constraints on the conditions for star formation in galaxy discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 2323-2333.	4.4	7
31	Signatures of Inflowing Gas in Red Geyser Galaxies Hosting Radio Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2021, 919, 145.	4.5	7
32	The differences between mass- and light-derived structural parameters over time for MaNGA elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5676-5694.	4.4	6
33	SDSS-IV MaNGA: How the Stellar Populations of Passive Central Galaxies Depend on Stellar and Halo Mass. <i>Astrophysical Journal</i> , 2022, 933, 88.	4.5	5
34	The less significant role of large-scale environment than optical AGN in nearby, isolated elliptical galaxies. <i>Astronomy and Astrophysics</i> , 2018, 620, A117.	5.1	4
35	SDSS-IV MaNGA: Identification and multiwavelength properties of Type-1 AGN in the DR15 sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3626-3649.	4.4	3