Ricardo P Schiavon

List of Publications by Year
in descending order

77	13,362	44069 48	74163 75
papers	citations	h-index	g-index

77	77	77	8632
all docs	docs citations	times ranked	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	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. Astronomical Journal, 2011, 142, 72.	4.7	1,700
3	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). Astronomical Journal, 2017, 154, 94.	4.7	1,065
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	THE DEEP2 GALAXY REDSHIFT SURVEY: DESIGN, OBSERVATIONS, DATA REDUCTION, AND REDSHIFTS. Astrophysical Journal, Supplement Series, 2013, 208, 5.	7.7	544
7	ASPCAP: THE APOGEE STELLAR PARAMETER AND CHEMICAL ABUNDANCES PIPELINE. Astronomical Journal, 2016, 151, 144.	4.7	497
8	CHEMICAL CARTOGRAPHY WITH APOGEE: METALLICITY DISTRIBUTION FUNCTIONS AND THE CHEMICAL STRUCTURE OF THE MILKY WAY DISK. Astrophysical Journal, 2015, 808, 132.	4.5	468
9	ABUNDANCES, STELLAR PARAMETERS, AND SPECTRA FROM THE SDSS-III/APOGEE SURVEY. Astronomical Journal, 2015, 150, 148.	4.7	344
10	THE MILKY WAY'S CIRCULAR-VELOCITY CURVE BETWEEN 4 AND 14 kpc FROM APOGEE DATA. Astrophysical Journal, 2012, 759, 131.	4.5	325
11	THE DATA REDUCTION PIPELINE FOR THE APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. Astronomical Journal, 2015, 150, 173.	4.7	306
12	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. Astrophysical Journal, Supplement Series, 2019, 240, 23.	7.7	299
13	Population Synthesis in the Blue. IV. Accurate Model Predictions for Lick Indices and UBV Colors in Single Stellar Populations. Astrophysical Journal, Supplement Series, 2007, 171, 146-205.	7.7	277
14	The origin of accreted stellar halo populations in the Milky Way using APOGEE,Gaia, and the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3426-3442.	4.4	199
15	THE APOGEE RED-CLUMP CATALOG: PRECISE DISTANCES, VELOCITIES, AND HIGH-RESOLUTION ELEMENTAL ABUNDANCES OVER A LARGE AREA OF THE MILKY WAY'S DISK. Astrophysical Journal, 2014, 790, 127.	4.5	181
16	TRACING CHEMICAL EVOLUTION OVER THE EXTENT OF THE MILKY WAY'S DISK WITH APOGEE RED CLUMP STARS. Astrophysical Journal, 2014, 796, 38.	4.5	181
17	Chemical tagging with APOGEE: discovery of a large population of N-rich stars in the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 2017, 465, 501-524.	4.4	150
18	CHEMICAL CARTOGRAPHY WITH APOGEE: LARGE-SCALE MEAN METALLICITY MAPS OF THE MILKY WAY DISK. Astronomical Journal, 2014, 147, 116.	4.7	134

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19	Young Î±-enriched giant stars in the solar neighbourhood. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2230-2243.	4.4	133
20	EXPLORING ANTICORRELATIONS AND LIGHT ELEMENT VARIATIONS IN NORTHERN GLOBULAR CLUSTERS OBSERVED BY THE APOGEE SURVEY. Astronomical Journal, 2015, 149, 153.	4.7	133
21	DISSECTING THE RED SEQUENCE. II. STAR FORMATION HISTORIES OF EARLY-TYPE GALAXIES THROUGHOUT THE FUNDAMENTAL PLANE. Astrophysical Journal, 2009, 698, 1590-1608.	4.5	129
22	Measuring Ages and Elemental Abundances from Unresolved Stellar Populations: Fe, Mg, C, N, and Ca. Astrophysical Journal, Supplement Series, 2008, 177, 446-464.	7.7	124
23	The ageâ€“metallicity structure of the Milky Way disc using APOGEE. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3057-3078.	4.4	123
24	Dynamical heating across the Milky Way disc using APOGEE and Gaia. Monthly Notices of the Royal Astronomical Society, 2019, 489, 176-195.	4.4	121
25	DISSECTING THE RED SEQUENCE. I. STAR-FORMATION HISTORIES OF QUIESCENT GALAXIES: THE COLOR-MAGNITUDE VERSUS THE COLOR-Ïƒ RELATION. Astrophysical Journal, 2009, 693, 486-506.	4.5	113
26	A Library of Integrated Spectra of Galactic Globular Clusters. Astrophysical Journal, Supplement Series, 2005, 160, 163-175.	7.7	106
27	Ages and Abundances of Red Sequence Galaxies as a Function of LINER Emissionâ€Line Strength. Astrophysical Journal, 2007, 671, 243-271.	4.5	105
28	Evidence from APOGEE for the presence of a major building block of the halo buried in the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1385-1403.	4.4	104
29	Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code â€“ II. The Southern clusters and overview. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1641-1670.	4.4	103
30	THE OPEN CLUSTER CHEMICAL ANALYSIS AND MAPPING SURVEY: LOCAL GALACTIC METALLICITY GRADIENT WITH APOGEE USING SDSS DR10. Astrophysical Journal Letters, 2013, 777, L1.	8.3	92
31	Chemical Cartography with APOGEE: Multi-element Abundance Ratios. Astrophysical Journal, 2019, 874, 102.	4.5	85
32	TESTING THE ASTEROSEISMIC MASS SCALE USING METAL-POOR STARS CHARACTERIZED WITH APOGEE ANDKEPLER. Astrophysical Journal Letters, 2014, 785, L28.	8.3	84
33	The Identification of Blue Horizontal-Branch Stars in the Integrated Spectra of Globular Clusters. Astrophysical Journal, 2004, 608, L33-L36.	4.5	82
34	The origin of diverse Î±-element abundances in galaxy discs. Monthly Notices of the Royal Astronomical Society, 2018, 477, 5072-5089.	4.4	77
35	CHEMICAL TAGGING IN THE SDSS-III/APOGEE SURVEY: NEW IDENTIFICATIONS OF HALO STARS WITH GLOBULAR CLUSTER ORIGINS. Astrophysical Journal, 2016, 825, 146.	4.5	71
36	APOGEE chemical abundances of globular cluster giants in the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1010-1018.	4.4	71

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37	Adding the s-Process Element Cerium to the APOGEE Survey: Identification and Characterization of Ce ii Lines in the H-band Spectral Window. Astrophysical Journal, 2017, 844, 145.	4.5	66
38	APOGEE Chemical Abundance Patterns of the Massive Milky Way Satellites. Astrophysical Journal, 2021, 923, 172.	4.5	64
39	SODIUM AND OXYGEN ABUNDANCES IN THE OPEN CLUSTER NGC 6791 FROM APOGEE H-BAND SPECTROSCOPY. Astrophysical Journal Letters, 2015, 798, L41.	8.3	62
40	The Integrated Spectrum of M67 and the Spectroscopic Age of M32. Astronomical Journal, 2004, 127, 1513-1530.	4.7	61
41	The DEEP2 Galaxy Redshift Survey: Mean Ages and Metallicities of Red Field Galaxies at $z \sim 0.9$ from Stacked Keck DEIMOS Spectra. Astrophysical Journal, 2006, 651, L93-L96.	4.5	61
42	CONSTRAINING STELLAR POPULATION MODELS. I. AGE, METALLICITY AND ABUNDANCE PATTERN COMPILATION FOR GALACTIC GLOBULAR CLUSTERS. Astrophysical Journal, Supplement Series, 2014, 210, 10.	7.7	60
43	THE APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT: FIRST DETECTION OF HIGH-VELOCITY MILKY WAY BAR STARS. Astrophysical Journal Letters, 2012, 755, L25.	8.3	56
44	The chemical compositions of accreted and inÂsitu galactic globular clusters according to SDSS/APOGEE. Monthly Notices of the Royal Astronomical Society, 2020, 493, 3363-3378.	4.4	55
45	STAR CLUSTERS IN M31. V. EVIDENCE FOR SELF-ENRICHMENT IN OLD M31 CLUSTERS FROM INTEGRATED SPECTROSCOPY. Astrophysical Journal Letters, 2013, 776, L7.	8.3	53
46	Metallicity and Î±-Element Abundance Gradients along the Sagittarius Stream as Seen by APOGEE. Astrophysical Journal, 2020, 889, 63.	4.5	51
47	Population Synthesis in the Blue. II. The Spectroscopic Age of 47 Tucanae. Astrophysical Journal, 2002, 580, 873-886.	4.5	51
48	VERY METAL-POOR STARS IN THE OUTER GALACTIC BULGE FOUND BY THE APOGEE SURVEY. Astrophysical Journal Letters, 2013, 767, L9.	8.3	49
49	The Relationship between Globular Cluster Mass, Metallicity, and Light-element Abundance Variations. Astronomical Journal, 2019, 158, 14.	4.7	45
50	ULTRAVIOLET PROPERTIES OF GALACTIC GLOBULAR CLUSTERS WITHGALEX. I. THE COLOR-MAGNITUDE DIAGRAMS. Astronomical Journal, 2012, 143, 121.	4.7	42
51	THE APOGEE SPECTROSCOPIC SURVEY OFKEPLERPLANET HOSTS: FEASIBILITY, EFFICIENCY, AND FIRST RESULTS. Astronomical Journal, 2015, 149, 143.	4.7	40
52	Population Synthesis in the Blue. I. Synthesis of the Integrated Spectrum of 47 Tucanae from Its Colorâ€Magnitude Diagram. Astrophysical Journal, 2002, 580, 850-872.	4.5	40
53	Two groups of red giants with distinct chemical abundances in the bulge globular cluster NGC 6553 through the eyes of APOGEE. Monthly Notices of the Royal Astronomical Society, 2017, 465, 19-31.	4.4	39
54	The Bulge Metallicity Distribution from the APOGEE Survey. Astrophysical Journal, 2018, 852, 91.	4.5	36

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55	STAR CLUSTERS IN M31. IV. A COMPARATIVE ANALYSIS OF ABSORPTION LINE INDICES IN OLD M31 AND MILKY WAY CLUSTERS. Astronomical Journal, 2012, 143, 14.	4.7	32
56	DISCOVERY OF A DYNAMICAL COLD POINT IN THE HEART OF THE SAGITTARIUS dSph GALAXY WITH OBSERVATIONS FROM THE APOGEE PROJECT. Astrophysical Journal Letters, 2013, 777, L13.	8.3	32
57	Population Synthesis Models for Late Buildup of the Red Sequence. Astrophysical Journal, 2006, 647, L103-L106.	4.5	30
58	INFRARED HIGH-RESOLUTION INTEGRATED LIGHT SPECTRAL ANALYSES OF M31 GLOBULAR CLUSTERS FROM APOGEE. Astrophysical Journal, 2016, 829, 116.	4.5	29
59	Exploring the Stellar Age Distribution of the Milky Way Bulge Using APOGEE. Astrophysical Journal, 2020, 901, 109.	4.5	28
60	DISSECTING THE RED SEQUENCE. IV. THE ROLE OF TRUNCATION IN THE TWO-DIMENSIONAL FAMILY OF EARLY-TYPE GALAXY STAR FORMATION HISTORIES. Astrophysical Journal, 2010, 721, 278-296.	4.5	26
61	The WAGGS project â€“ I. The WiFeS Atlas of Galactic Globular cluster Spectra. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3828-3849.	4.4	26
62	The contribution of N-rich stars to the Galactic stellar halo using APOGEE red giants. Monthly Notices of the Royal Astronomical Society, 2020, 500, 5462-5478.	4.4	25
63	The Metal-poor non-Sagittarius (?) Globular Cluster NGC 5053: Orbit and Mg, Al, and Si Abundances. Astrophysical Journal, 2018, 855, 38.	4.5	24
64	A New Definition for the Ca4227 Feature: Is Calcium Really Underabundant in Early-Type Galaxies?. Astronomical Journal, 2005, 130, 2666-2676.	4.7	21
65	The WAGGS project â€“ II. The reliability of the calcium triplet as a metallicity indicator in integrated stellar light. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1275-1303.	4.4	20
66	Exploring the S-process History in the Galactic Disk: Cerium Abundances and Gradients in Open Clusters from the OCCAM/APOGEE Sample. Astrophysical Journal, 2022, 926, 154.	4.5	16
67	Chemical Cartography with APOGEE: Mapping Disk Populations with a 2-process Model and Residual Abundances. Astrophysical Journal, Supplement Series, 2022, 260, 32.	7.7	15
68	NONLINEAR COLOR-METALLICITY RELATIONS OF GLOBULAR CLUSTERS. V. NONLINEAR ABSORPTION-LINE INDEX VERSUS METALLICITY RELATIONS AND BIMODAL INDEX DISTRIBUTIONS OF M31 GLOBULAR CLUSTERS. Astrophysical Journal, 2013, 768, 138.	4.5	13
69	Multiple populations in integrated light spectroscopy of intermediate-age clusters. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 489, L80-L85.	3.3	12
70	An enquiry on the origins of N-rich stars in the inner Galaxy based on APOGEE chemical compositions. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1657-1667.	4.4	9
71	How well can we determine ages and chemical abundances from spectral fitting of integrated light spectra?. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2327-2339.	4.4	8
72	Neutron-capture elements record the ordered chemical evolution of the disc over time. Monthly Notices of the Royal Astronomical Society, 2022, 513, 5477-5504.	4.4	7

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73	APOGEE detection of N-rich stars in the tidal tails of Palomar 5. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3727-3733.	4.4	5
74	The building blocks of the Milky Way halo using APOGEE and Gaia or Is the Galaxy a typical galaxy?. Proceedings of the International Astronomical Union, 2019, 14, 170-173.	0.0	3
75	Is TerzanÂ5 the remnant of a building block of the Galactic bulge? Evidence from APOGEE. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3429-3443.	4.4	1
76	The age-metallicity structure of the Milky Way disc with APOGEE. Proceedings of the International Astronomical Union, 2017, 13, 265-268.	0.0	0
77	The contribution of Globular Clusters to the stellar halo using APOGEE and GAIA. Proceedings of the International Astronomical Union, 2019, 14, 455-459.	0.0	0