

# Rafael M Santucci

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

640  
citations

567281

15  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1014  
citing authors

#	ARTICLE	IF	CITATIONS
1	The case for electron re-acceleration at galaxy cluster shocks. <i>Nature Astronomy</i> , 2017, 1, .	10.1	142
2	The Southern Photometric Local Universe Survey (S-PLUS): improved SEDs, morphologies, and redshifts with 12 optical filters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 241-267.	4.4	92
3	METAL-POOR STARS OBSERVED WITH THE MAGELLAN TELESCOPE. II. DISCOVERY OF FOUR STARS WITH $[Fe/H] \approx -3.5$ . <i>Astrophysical Journal</i> , 2014, 781, 40.	4.5	51
4	THE FRACTIONS OF INNER- AND OUTER-HALO STARS IN THE LOCAL VOLUME. <i>Astrophysical Journal Letters</i> , 2015, 813, L28.	8.3	48
5	Dynamically Tagged Groups of Very Metal-poor Halo Stars from the HK and Hamburg/ESO Surveys. <i>Astrophysical Journal</i> , 2021, 907, 10.	4.5	41
6	The age structure of the Milky Way's halo. <i>Nature Physics</i> , 2016, 12, 1170-1176.	16.7	33
7	Spectroscopic Validation of Low-metallicity Stars from RAVE. <i>Astronomical Journal</i> , 2018, 155, 256.	4.7	32
8	CHRONOGRAPHY OF THE MILKY WAY'S HALO SYSTEM WITH FIELD BLUE HORIZONTAL-BRANCH STARS. <i>Astrophysical Journal Letters</i> , 2015, 813, L16.	8.3	28
9	THE FREQUENCY OF FIELD BLUE-STAGGLER STARS IN THE THICK DISK AND HALO SYSTEM OF THE GALAXY. <i>Astrophysical Journal</i> , 2015, 801, 116.	4.5	24
10	The R-Process Alliance: Discovery of the First Metal-poor Star with a Combined r- and s-process Element Signature*. <i>Astrophysical Journal</i> , 2018, 862, 174.	4.5	24
11	The R-process Alliance: The Peculiar Chemical Abundance Pattern of RAVE J183013.5+455510*. <i>Astrophysical Journal</i> , 2020, 897, 78.	4.5	24
12	The R-Process Alliance: Spectroscopic Follow-up of Low-metallicity Star Candidates from the Best & Brightest Survey. <i>Astrophysical Journal</i> , 2019, 870, 122.	4.5	21
13	Abundance Patterns of $\hat{\pm}$ and Neutron-capture Elements in the Helmi Stream. <i>Astrophysical Journal Letters</i> , 2021, 913, L28.	8.3	21
14	Dynamically Tagged Groups of Metal-poor Stars from the Best and Brightest Survey. <i>Astrophysical Journal</i> , 2022, 926, 26.	4.5	20
15	Targeting Bright Metal-poor Stars in the Disk and Halo Systems of the Galaxy. <i>Astrophysical Journal</i> , 2021, 913, 11.	4.5	18
16	Constraints on the Galactic Inner Halo Assembly History from the Age Gradient of Blue Horizontal-branch Stars. <i>Astrophysical Journal</i> , 2019, 884, 67.	4.5	12
17	Chandra Observations of the Spectacular A3411+12 Merger Event. <i>Astrophysical Journal</i> , 2019, 887, 31.	4.5	9
18	Reinventando o MÃ©todo de Aristarco. <i>Revista Brasileira De Ensino De Fisica</i> , 0, 43, .	0.2	0