Angeles PÃ©rez-Villegas

List of Publications by Year
in descending order

52 papers	1,102 citations	361413 20 h-index	454955 30 g-index
52 all docs	52 docs citations	52 times ranked	942 citing authors

#	Article	IF	Citations
1	Revisiting the Tale of Hercules: How Stars Orbiting the Lagrange Points Visit the Sun. Astrophysical Journal Letters, 2017, 840, L2.	8.3	85
2	Atypical Mg-poor Milky Way Field Stars with Globular Cluster Second-generation-like Chemical Patterns. Astrophysical Journal Letters, 2017, 846, L2.	8.3	66
3	DISCOVERY OF A METAL-POOR FIELD GIANT WITH A GLOBULAR CLUSTER SECOND-GENERATION ABUNDANCE PATTERN. Astrophysical Journal, 2016, 833, 132.	4.5	53
4	The Milky Way bar and bulge revealed by APOGEE and Gaia EDR3. Astronomy and Astrophysics, 2021, 656, A156.	5.1	50
5	MHD simulations of ram pressure stripping of a disc galaxy. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3781-3792.	4.4	43
6	Dynamically Tagged Groups of Very Metal-poor Halo Stars from the HK and Hamburg/ESO Surveys. Astrophysical Journal, 2021, 907, 10.	4.5	41
7	Chemodynamics of newly identified giants with a globular cluster like abundance patterns in the bulge, disc, and halo of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2864-2880.	4.4	38
8	The Bulge Radial Velocity Assay for RR Lyrae Stars (BRAVA-RR) DR2: A Bimodal Bulge?. Astronomical Journal, 2020, 159, 270.	4.7	35
9	A deep view of a fossil relic in the Galactic bulge: the Globular Cluster HPâ€‰1. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5530-5550.	4.4	34
10	Aluminium-enriched metal-poor stars buried in the inner Galaxy. Astronomy and Astrophysics, 2020, 643, L4.	5.1	30
11	Discovery of a New Stellar Subpopulation Residing in the (Inner) Stellar Halo of the Milky Way. Astrophysical Journal Letters, 2019, 886, L8.	8.3	28
12	Dynamical orbital classification of selected N-rich stars with Gaia Data Release 2 astrometry. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4113-4123.	4.4	27
13	The stellar halo in the inner Milky Way: predicted shape and kinematics. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 464, L80-L84.	3.3	26
14	Globular clusters in the inner Galaxy classified from dynamical orbital criteria. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	26
15	Self-consistent Analysis of Stellar Clusters: An Application to HST Data of the Halo Globular Cluster NGC 6752. Astrophysical Journal, 2020, 890, 38.	4.5	25
16	VVV CL001: Likely the Most Metal-poor Surviving Globular Cluster in the Inner Galaxy. Astrophysical Journal Letters, 2021, 908, L42.	8.3	25
17	The Hercules stream as seen by APOGEE-2 South. Monthly Notices of the Royal Astronomical Society, 2018, 474, 95-101.	4.4	24
18	On the Stellar Velocity Distribution in the Solar Neighborhood in Light of Gaia DR2. Astrophysical Journal Letters, 2018, 863, L37.	8.3	24

#	Article	IF	Citations
19	The VISCACHA survey â€“ I. Overview and first results. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5702-5722.	4.4	22
20	The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters. XX. Ages of Single and Multiple Stellar Populations in Seven Bulge Globular Clusters. Astrophysical Journal, 2020, 891, 37.	4.5	22
21	The enigmatic globular cluster UKS 1 obscured by the bulge: H-band discovery of nitrogen-enhanced stars. Astronomy and Astrophysics, 2020, 643, A145.	5.1	22
22	High-resolution abundance analysis of four red giants in the globular cluster NGC 6558. Astronomy and Astrophysics, 2018, 619, A178.	5.1	21
23	Orbits of Selected Globular Clusters in the Galactic Bulge. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	21
24	Abundance Patterns of Î± and Neutron-capture Elements in the Helmi Stream. Astrophysical Journal Letters, 2021, 913, L28.	8.3	21
25	Exploring the Origin of Moving Groups and Diagonal Ridges by Simulations of Stellar Orbits and Birthplaces. Astrophysical Journal, 2020, 888, 75.	4.5	20
26	APOGEE discovery of a chemically atypical star disrupted from NGC 6723 and captured by the Milky Way bulge. Astronomy and Astrophysics, 2021, 647, A64.	5.1	20
27	Discovery of a nitrogen-enhanced mildly metal-poor binary system: Possible evidence for pollution from an extinct AGB star. Astronomy and Astrophysics, 2019, 631, A97.	5.1	18
28	THE CONTRIBUTION OF SPIRAL ARMS TO THE THICK DISK ALONG THE HUBBLE SEQUENCE. Astrophysical Journal, 2015, 802, 109.	4.5	16
29	Another relic bulge globular cluster: ESO 456-SC38 (Djorgovski 2). Astronomy and Astrophysics, 2019, 627, A145.	5.1	16
30	The metal-rich halo tail extended in $\|z\|$: a characterization with Gaia DR2 and APOGEE. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1462-1479.	4.4	16
31	The VISCACHA survey. Astronomy and Astrophysics, 2021, 647, L9.	5.1	15
32	PITCH ANGLE RESTRICTIONS IN LATE-TYPE SPIRAL GALAXIES BASED ON CHAOTIC AND ORDERED ORBITAL BEHAVIOR. Astrophysical Journal Letters, 2012, 745, L14.	8.3	14
33	The VISCACHA survey â€“ II. Structure of star clusters in the Magellanic Clouds periphery. Monthly Notices of the Royal Astronomical Society, 2020, 498, 205-222.	4.4	14
34	CAPOS: The bulge Cluster APOgee Survey. Astronomy and Astrophysics, 2021, 652, A158.	5.1	13
35	The VISCACHA survey â€“ IV. The SMC West Halo in 8D. Monthly Notices of the Royal Astronomical Society, 2022, 512, 4334-4351.	4.4	13
36	Halo intruders in the Galactic bulge revealed by HST and Gaia: the globular clusters Terzan 10 and Djorgovski 1. Astronomy and Astrophysics, 2019, 622, A94.	5.1	12

#	Article	IF	Citations
37	The galactic branches as a possible evidence for transient spiral arms. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2922-2932.	4.4	11
38	The Orbit of the New Milky Way Globular Cluster FSR1716Â=ÂVVV-GC05^{âˆ—}. Astrophysical Journal, 2018, 863, 78.	4.5	11
39	Kinematic footprint of the Milky Way spiral arms in Gaia EDR3. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1574-1583.	4.4	11
40	Moving Groups as the Origin of the Vertical Phase Space Spiral in the Solar Neighborhood. Astrophysical Journal, 2019, 876, 36.	4.5	10
41	STELLAR ORBITAL STUDIES IN NORMAL SPIRAL GALAXIES. I. RESTRICTIONS TO THE PITCH ANGLE. Astrophysical Journal, 2013, 772, 91.	4.5	9
42	Photo-chemo-dynamical analysis and the origin of the bulge globular cluster, Palomar 6. Astronomy and Astrophysics, 0, , .	5.1	9
43	A Chemical and Kinematical Analysis of the Intermediate-age Open Cluster IC 166 from APOGEE and Gaia DR2. Astronomical Journal, 2018, 156, 94.	4.7	8
44	Orbits of globular clusters computed with dynamical friction in the Galactic anisotropic velocity dispersion field. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5945-5962.	4.4	7
45	STELLAR ORBITAL STUDIES IN NORMAL SPIRAL GALAXIES. II. RESTRICTIONS ON STRUCTURAL AND DYNAMICAL PARAMETERS ON SPIRAL ARMS. Astrophysical Journal, 2015, 809, 170.	4.5	6
46	Dynamics of the Spiral-Arm Corotation and Its Observable Footprints in the Solar Neighborhood. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	6
47	Gemini/Phoenix H-band analysis of the globular cluster AL 3. Astronomy and Astrophysics, 2021, 648, A16.	5.1	6
48	The influence of the spiral arm parameters on radial migration in late-type-like galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5919-5926.	4.4	3
49	Precise distances from OGLE-IV member RR Lyrae stars in six bulge globular clusters. Astronomy and Astrophysics, 0, , .	5.1	3
50	The VISCACHA survey â€“ deep and resolved photometry of star clusters in the Magellanic Clouds. Proceedings of the International Astronomical Union, 2019, 14, 89-92.	0.0	2
51	Stellar population properties of ETGs in compact groups of galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 493, 3238-3254.	4.4	2
52	Effect of orbital trapping by bar resonances in the local Uâ€“V velocity field. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4687-4701.	4.4	2