

# Amina

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

6,395  
citations

94269

37  
h-index

123241

61  
g-index

65  
all docs

65  
docs citations

65  
times ranked

4169  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-precision chemical abundances of Galactic building blocks. <i>Astronomy and Astrophysics</i> , 2022, 661, A103.	2.1	13
2	Substructures, resonances, and debris streams. <i>Astronomy and Astrophysics</i> , 2022, 659, A61.	2.1	8
3	Age determination of galaxy merger remnant stars using asteroseismology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2527-2544.	1.6	12
4	Galactic potential constraints from clustering in action space of combined stellar stream data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4170-4193.	1.6	18
5	Frequencies, chaos, and resonances: A study of orbital parameters of nearby thick-disc and halo stars. <i>Astronomy and Astrophysics</i> , 2021, 647, A37.	2.1	6
6	Heavy-elements heritage of the falling sky. <i>Astronomy and Astrophysics</i> , 2021, 648, A108.	2.1	7
7	Determination of the escape velocity of the Milky Way using a halo sample selected based on proper motion. <i>Astronomy and Astrophysics</i> , 2021, 649, A136.	2.1	14
8	Time evolution of gaps in stellar streams in axisymmetric Stäckel potentials. <i>Astronomy and Astrophysics</i> , 2021, 649, A55.	2.1	3
9	Zero-metallicity Hypernova Uncovered by an Ultra-metal-poor Star in the Sculptor Dwarf Spheroidal Galaxy*. <i>Astrophysical Journal Letters</i> , 2021, 915, L30.	3.0	30
10	Linking nearby stellar streams to more distant halo overdensities. <i>Astronomy and Astrophysics</i> , 2021, 654, A15.	2.1	10
11	The reduced proper motion selected halo: Methods and description of the catalogue. <i>Astronomy and Astrophysics</i> , 2021, 645, A69.	2.1	6
12	Cosmological insights into the assembly of the radial and compact stellar halo of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 29-39.	1.6	19
13	The messy merger of a large satellite and a Milky Way-like galaxy. <i>Astronomy and Astrophysics</i> , 2020, 642, L18.	2.1	35
14	The Sixth Data Release of the Radial Velocity Experiment (Rave). II. Stellar Atmospheric Parameters, Chemical Abundances, and Distances. <i>Astronomical Journal</i> , 2020, 160, 83.	1.9	96
15	The Sixth Data Release of the Radial Velocity Experiment (RAVE). I. Survey Description, Spectra, and Radial Velocities. <i>Astronomical Journal</i> , 2020, 160, 82.	1.9	85
16	Bright Stars from the Ancient Merger Gaia-Enceladus Visible with Binoculars. <i>Research Notes of the AAS</i> , 2020, 4, 246.	0.3	1
17	The tilt of the velocity ellipsoid in the Milky Way with <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2019, 629, A70.	2.1	13
18	The R-Process Alliance: Discovery of a Low- $\alpha$ , r-process-enhanced Metal-poor Star in the Galactic Halo. <i>Astrophysical Journal</i> , 2019, 874, 148.	1.6	18

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19	Characterization and history of the Helmi streams with <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2019, 625, A5.	2.1	94
20	Origin of the system of globular clusters in the Milky Way. <i>Astronomy and Astrophysics</i> , 2019, 630, L4.	2.1	271
21	Multiple retrograde substructures in the Galactic halo: A shattered view of Galactic history. <i>Astronomy and Astrophysics</i> , 2019, 631, L9.	2.1	151
22	Mass and shape of the Milky Way's dark matter halo with globular clusters from <i>Gaia</i> and <i>Hubble</i>. <i>Astronomy and Astrophysics</i> , 2019, 621, A56.	2.1	145
23	A Gaia-Enceladus Analog in the EAGLE Simulation: Insights into the Early Evolution of the Milky Way. <i>Astrophysical Journal Letters</i> , 2019, 883, L5.	3.0	40
24	The dynamically selected stellar halo of the Galaxy with <i>Gaia</i> and the tilt of the velocity ellipsoid. <i>Astronomy and Astrophysics</i> , 2018, 615, A70.	2.1	34
25	The R-Process Alliance: First Release from the Northern Search for r-process-enhanced Metal-poor Stars in the Galactic Halo. <i>Astrophysical Journal</i> , 2018, 868, 110.	1.6	88
26	The merger that led to the formation of the Milky Way's inner stellar halo and thick disk. <i>Nature</i> , 2018, 563, 85-88.	13.7	765
27	One Large Blob and Many Streams Frosting the nearby Stellar Halo in Gaia-DR2. <i>Astrophysical Journal Letters</i> , 2018, 860, L11.	3.0	124
28	THE RADIAL VELOCITY EXPERIMENT (RAVE): FIFTH DATA RELEASE. <i>Astronomical Journal</i> , 2017, 153, 75.	1.9	380
29	Modeling the Gravitational Potential of a Cosmological Dark Matter Halo with Stellar Streams. <i>Astrophysical Journal</i> , 2017, 836, 234.	1.6	31
30	The RAVE-on Catalog of Stellar Atmospheric Parameters and Chemical Abundances for Chemo-dynamic Studies in the Gaia Era. <i>Astrophysical Journal</i> , 2017, 840, 59.	1.6	63
31	A box full of chocolates: The rich structure of the nearby stellar halo revealed by <i>Gaia</i> and RAVE. <i>Astronomy and Astrophysics</i> , 2017, 598, A58.	2.1	99
32	The time evolution of gaps in tidal streams in axisymmetric potentials. <i>Proceedings of the International Astronomical Union</i> , 2017, 12, 229-230.	0.0	0
33	THE TIME EVOLUTION OF GAPS IN TIDAL STREAMS. <i>Astrophysical Journal Letters</i> , 2016, 828, L10.	3.0	7
34	Stellar halos and the link to galaxy formation. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 228-234.	0.0	0
35	ACTION-SPACE CLUSTERING OF TIDAL STREAMS TO INFER THE GALACTIC POTENTIAL. <i>Astrophysical Journal</i> , 2015, 801, 98.	1.6	44
36	THE IMPRINTS OF THE GALACTIC BAR ON THE THICK DISK WITH RAVE. <i>Astrophysical Journal Letters</i> , 2015, 800, L32.	3.0	17

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37	MATCHING THE DARK MATTER PROFILES OF dSph GALAXIES WITH THOSE OF SIMULATED SATELLITES: A TWO-PARAMETER COMPARISON. <i>Astrophysical Journal Letters</i> , 2015, 814, L23.	3.0	1
38	Mass modelling from stellar streams in the Milky Way. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 11-15.	0.0	0
39	COMPLEXITY ON DWARF GALAXY SCALES: A BIMODAL DISTRIBUTION FUNCTION IN SCULPTOR. <i>Astrophysical Journal Letters</i> , 2014, 791, L3.	3.0	16
40	MORE PIECES OF THE PUZZLE: CHEMISTRY AND SUBSTRUCTURES IN THE GALACTIC THICK DISK. <i>Astrophysical Journal</i> , 2014, 791, 135.	1.6	7
41	The satellites of the Milky Way – insights from semi-analytic modelling in a $\Lambda$ CDM cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 725-743.	1.6	73
42	Not too big, not too small: the dark haloes of the dwarf spheroidals in the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1696-1703.	1.6	83
43	CONSTRAINTS ON THE SHAPE OF THE MILKY WAY DARK MATTER HALO FROM THE SAGITTARIUS STREAM. <i>Astrophysical Journal Letters</i> , 2013, 773, L4.	3.0	111
44	Model comparison of the dark matter profiles of Fornax, Sculptor, Carina and Sextans. <i>Astronomy and Astrophysics</i> , 2013, 558, A35.	2.1	72
45	4MOST: 4-metre multi-object spectroscopic telescope. <i>Proceedings of SPIE</i> , 2012, , .	0.8	118
46	SUBSTRUCTURE IN THE STELLAR HALOS OF THE AQUARIUS SIMULATIONS. <i>Astrophysical Journal Letters</i> , 2011, 733, L7.	3.0	63
47	The shape of dark matter haloes in the Aquarius simulations: evolution and memory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 1377-1391.	1.6	132
48	On the identification of merger debris in the Gaia era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 935-946.	1.6	74
49	The diversity and similarity of simulated cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 21-34.	1.6	639
50	MAPPING THE GALACTIC HALO. VIII. QUANTIFYING SUBSTRUCTURE. <i>Astrophysical Journal</i> , 2009, 698, 567-579.	1.6	92
51	FASHIONABLY LATE? BUILDING UP THE MILKY WAY'S INNER HALO. <i>Astrophysical Journal</i> , 2009, 694, 130-143.	1.6	69
52	Simulations of minor mergers - II. The phase-space structure of thick discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 166-176.	1.6	43
53	Orbital eccentricity as a probe of thick disc formation scenarios. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 400, L61-L65.	1.2	82
54	The stellar halo of the Galaxy. <i>Astronomy and Astrophysics Review</i> , 2008, 15, 145-188.	9.1	194

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55	On the genealogy of the Orphan Stream. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1391-1398.	1.6	31
56	Simulations of minor mergers - I. General properties of thick discs. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1806-1827.	1.6	248
57	Halo Star Streams in the Solar Neighborhood. Astronomical Journal, 2007, 134, 1579-1595.	1.9	84
58	The radial velocity dispersion profile of the Galactic halo: constraining the density profile of the dark halo of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2005, 364, 433-442.	1.6	252
59	Pieces of the puzzle: ancient substructure in the Galactic disc. Monthly Notices of the Royal Astronomical Society, 2005, 365, 1309-1323.	1.6	123
60	Velocity Trends in the Debris of Sagittarius and the Shape of the Dark Matter Halo of Our Galaxy. Astrophysical Journal, 2004, 610, L97-L100.	1.6	187
61	The Extragalactic Origin of the Arcturus Group. Astrophysical Journal, 2004, 601, L43-L46.	1.6	105
62	Mapping the substructure in the Galactic halo with the next generation of astrometric satellites. Monthly Notices of the Royal Astronomical Society, 2002, 319, 657-665.	1.6	152
63	Mapping the Galactic Halo. V. Sagittarius Dwarf Spheroidal Tidal Debris 60° from the Main Body. Astrophysical Journal, 2001, 555, L37-L40.	1.6	67
64	Debris streams in the solar neighbourhood as relicts from the formation of the Milky Way. Nature, 1999, 402, 53-55.	13.7	437
65	The fine-grained phase-space structure of cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 0, 385, 236-254.	1.6	93