

# Antonio Sollima

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1189679/publications.pdf>

Version: 2024-02-01

20  
papers

590  
citations

759055

12  
h-index

839398

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

763  
citing authors

#	ARTICLE	IF	CITATIONS
1	What is a globular cluster? An observational perspective. <i>Astronomy and Astrophysics Review</i> , 2019, 27, 1.	9.1	144
2	The eye of <i>Gaia</i> on globular clusters kinematics: internal rotation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1460-1476.	1.6	65
3	MIKIS: The Multi-instrument Kinematic Survey of Galactic Globular Clusters. I. Velocity Dispersion Profiles and Rotation Signals of 11 Globular Clusters*. <i>Astrophysical Journal</i> , 2018, 860, 50.	1.6	59
4	Globular cluster number density profiles using <i>Gaia</i> DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 4906-4935.	1.6	57
5	No evidence for intermediate-mass black holes in the globular clusters $\omega$ Cen and NGC 6624. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 5340-5351.	1.6	50
6	The eye of <i>Gaia</i> on globular clusters structure: tidal tails. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2222-2233.	1.6	40
7	The stellar initial mass function of the solar neighbourhood revealed by <i>Gaia</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2377-2394.	1.6	26
8	The Unexpected Kinematics of Multiple Populations in NGC 6362: Do Binaries Play a Role?*. <i>Astrophysical Journal</i> , 2018, 864, 33.	1.6	24
9	The ESO Multi-instrument Kinematic Survey (MIKIS) of Galactic Globular Clusters: Solid-body Rotation and Anomalous Velocity Dispersion Profile in NGC 5986. <i>Astrophysical Journal</i> , 2018, 865, 11.	1.6	23
10	ON THE SERENDIPITOUS DISCOVERY OF A Li-RICH GIANT IN THE GLOBULAR CLUSTER NGC 362. <i>Astrophysical Journal Letters</i> , 2015, 801, L32.	3.0	19
11	The effect of tides on the Sculptor dwarf spheroidal galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5692-5710.	1.6	16
12	Galactic Globular Clusters: A new catalog of masses, structural parameters, velocity dispersion profiles, proper motions and space orbits. <i>Proceedings of the International Astronomical Union</i> , 2019, 14, 451-454.	0.0	13
13	New insight into the stellar mass function of Galactic globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4226-4243.	1.6	13
14	Monte Carlo simulations of multiple populations in globular clusters: constraints on the cooling flow versus accretion scenario using million bodies simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1974-1989.	1.6	12
15	DEEP MULTI-TELESCOPE PHOTOMETRY OF NGC 5466. II. THE RADIAL BEHAVIOR OF THE MASS FUNCTION SLOPE. <i>Astrophysical Journal</i> , 2015, 814, 144.	1.6	11
16	MUSE narrow field mode observations of the central kinematics of M15. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1680-1687.	1.6	8
17	Investigating the Blue Straggler Stars radial distribution in globular clusters with Monte Carlo simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	5
18	Monte Carlo simulations of multiple populations in globular clusters: constraints on the initial size of the second generation from binary stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 776-791.	1.6	4

#	ARTICLE	IF	CITATIONS
19	On the presence of intermediate black holes in three globular clusters. Proceedings of the International Astronomical Union, 2019, 14, 400-403.	0.0	1
20	The eye of Gaia on globular cluster kinematics: Internal rotation. Proceedings of the International Astronomical Union, 2019, 14, 516-519.	0.0	0