

# Guglielmo Costa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5369590/publications.pdf>

Version: 2024-02-01

14  
papers

511  
citations

1040056

9  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

936  
citing authors

#	ARTICLE	IF	CITATIONS
1	Merging black hole binaries with the SEVN code. Monthly Notices of the Royal Astronomical Society, 2019, 485, 889-907.	4.4	178
2	Formation of GW190521 from stellar evolution: the impact of the hydrogen-rich envelope, dredge-up, and $12C(\pm, \hat{1}^3)16O$ rate on the pair-instability black hole mass gap. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4514-4533.	4.4	94
3	YBC: a stellar bolometric corrections database with variable extinction coefficients. Astronomy and Astrophysics, 2019, 632, A105.	5.1	80
4	Mixing by overshooting and rotation in intermediate-mass stars. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4641-4657.	4.4	42
5	The Minimum Mass of Rotating Main-sequence Stars and its Impact on the Nature of Extended Main-sequence Turnoffs in Intermediate-age Star Clusters in the Magellanic Clouds <sup>^</sup> . Astrophysical Journal Letters, 2018, 864, L3.	8.3	23
6	Multiple stellar populations in NGC 1866. Astronomy and Astrophysics, 2019, 631, A128.	5.1	22
7	Hydrodynamic modelling of accretion impacts in classical T Tauri stars: radiative heating of the pre-shock plasma. Astronomy and Astrophysics, 2017, 597, A1.	5.1	15
8	Mode classification in fast-rotating stars using a convolutional neural network: model-based regular patterns in $\hat{1}$ Scuti stars. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 483, L28-L32.	3.3	15
9	Constraining accretion efficiency in massive binary stars with LIGO $\hat{1}$ Virgo black holes. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3873-3882.	4.4	15
10	Dissecting the <i>Gaia</i> HR diagram within 200 $\hat{1}$ pc. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5681-5697.	4.4	12
11	Impact of very massive stars on the chemical evolution of extremely metal-poor galaxies. Astronomy and Astrophysics, 2022, 663, A1.	5.1	9
12	On the photometric signature of fast rotators. Monthly Notices of the Royal Astronomical Society, 2019, 488, 696-705.	4.4	6
13	A critical test to disentangle the role of overshooting and rotation in stars. Proceedings of the International Astronomical Union, 2018, 14, 375-376.	0.0	0
14	The predicted properties of helium-enriched globular cluster progenitors at high redshift. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3222-3234.	4.4	0