

# Giacomo Cordoni

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

776  
citations

567281

15  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

526  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                              | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Constraining the original composition of the gas forming first-generation stars in globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 735-751.                                                                 | 4.4 | 22        |
| 2  | Survey of Multiple Populations in Globular Clusters among Very-low-mass Stars. <i>Astrophysical Journal</i> , 2022, 927, 207.                                                                                                                        | 4.5 | 9         |
| 3  | Multiple Stellar Populations along the Red Horizontal Branch and Red Clump of Globular Clusters. <i>Astrophysical Journal</i> , 2021, 906, 76.                                                                                                       | 4.5 | 23        |
| 4  | Mass-loss law for red giant stars in simple population globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 694-703.                                                                                             | 4.4 | 10        |
| 5  | Multiple Stellar Populations in Asymptotic Giant Branch Stars of Galactic Globular Clusters. <i>Astrophysical Journal</i> , 2021, 910, 6.                                                                                                            | 4.5 | 13        |
| 6  | Exploring the Galaxy's halo and very metal-weak thick disc with <i>SkyMapper</i> and <i>Gaia</i> DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2539-2561.                                                               | 4.4 | 36        |
| 7  | Integrated Photometry of Multiple Stellar Populations in Globular Clusters. <i>Astrophysical Journal</i> , 2021, 920, 129.                                                                                                                           | 4.5 | 8         |
| 8  | Spectroscopy and Photometry of the Least Massive Type II Globular Clusters: NGC 1261 and NGC 6934*. <i>Astrophysical Journal</i> , 2021, 923, 22.                                                                                                    | 4.5 | 18        |
| 9  | Multiple populations in globular clusters and their parent galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 515-531.                                                                                                  | 4.4 | 66        |
| 10 | Mass-loss along the red giant branch in 46 globular clusters and their multiple populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5745-5771.                                                                        | 4.4 | 35        |
| 11 | A chromosome map to unveil stellar populations with different magnesium abundances. The case of <i>ω</i> -Centauri. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3846-3859.                                                 | 4.4 | 10        |
| 12 | Three-component Kinematics of Multiple Stellar Populations in Globular Clusters with Gaia and VLT. <i>Astrophysical Journal</i> , 2020, 889, 18.                                                                                                     | 4.5 | 33        |
| 13 | The Hubble Space Telescope UV Legacy Survey of Galactic globular clusters â€“ XXI. Binaries among multiple stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5457-5469.                                     | 4.4 | 15        |
| 14 | Gaia and Hubble Unveil the Kinematics of Stellar Populations in the Type II Globular Clusters <i>ω</i> Centauri and M22. <i>Astrophysical Journal</i> , 2020, 898, 147.                                                                              | 4.5 | 14        |
| 15 | Four stellar populations and extreme helium variation in the massive outer-halo globular cluster NGCâ€™2419. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3239-3251.                                                        | 4.4 | 31        |
| 16 | The Hubble Space Telescope UV Legacy Survey of Galactic Globular Clusters â€“ XIX. A chemical tagging of the multiple stellar populations over the chromosome maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3815-3844. | 4.4 | 85        |
| 17 | Is helium the key parameter in the extended colour spread of the first generation stars in M3?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5895-5906.                                                                     | 4.4 | 21        |
| 18 | Extended Main-sequence Turnoffs in the Double Cluster <i>h</i> and <i>Ï</i> Persei: The Complex Role of Stellar Rotation. <i>Astrophysical Journal</i> , 2019, 876, 65.                                                                              | 4.5 | 37        |

| #  | ARTICLE                                                                                                                                                                                                           | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Mass Loss of Different Stellar Populations in Globular Clusters: The Case of M4. <i>Astrophysical Journal</i> , 2019, 873, 123.                                                                                   | 4.5 | 20        |
| 20 | Helium variations in Galactic and extragalactic Globular Clusters. <i>Proceedings of the International Astronomical Union</i> , 2019, 14, 312-316.                                                                | 0.0 | 0         |
| 21 | Kinematics of multiple stellar populations in Globular Clusters with Gaia. <i>Proceedings of the International Astronomical Union</i> , 2019, 14, 281-284.                                                        | 0.0 | 0         |
| 22 | The Role of Cluster Mass in the Multiple Populations of Galactic and Extragalactic Globular Clusters. <i>Astronomical Journal</i> , 2019, 158, 202.                                                               | 4.7 | 28        |
| 23 | Chemical Abundances along the 1G Sequence of the Chromosome Maps: The Globular Cluster NGC 3201*. <i>Astrophysical Journal</i> , 2019, 887, 91.                                                                   | 4.5 | 25        |
| 24 | The Hubble Space Telescope UV legacy survey of galactic globular clusters â€“ XVI. The helium abundance of multiple populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5098-5122. | 4.4 | 146       |
| 25 | Extended Main-sequence Turnoff as a Common Feature of Milky Way Open Clusters. <i>Astrophysical Journal</i> , 2018, 869, 139.                                                                                     | 4.5 | 71        |