



## Publications

Total:~557; Refereed: ~260; Monographies: 9; First Author: ~20%  
Number of citations: 16,800, H-index: 59 [ADS-16/07/2022]  
Among the 114,000 most quoted scientists all over the world, and top 2% worldwide in the field of Astrophysics (PLOS biology).

## Talks

Invited talks presented at ~80 National and International scientific meetings  
Oral contributions presented at ~115 National and International scientific meetings  
More than 80 colloquia/seminars given in National and International Institutions

## Research Experience

*Graduate Student:* Los Alamos National Laboratory, T-6, NM, USA, Jan-Jul, 1990  
*Visiting Astronomer:* Los Alamos National Laboratory, T-6, NM, USA, 1991-1992  
" Space Telescope Science Institute, USA, 03-05-1999; 08-09-2001  
" Scientific division of ESO/Vitacura, Nov-Dec, 2000  
" Dunlop Astrophysical Obs., Victoria (Canada), February, 2006  
" Scientific division of ESO/Garching, 2006-2008, 1 year  
" Scientific division of ESO/Garching, 2009-2010, 6 months  
*Visiting Scholar* Kavli Institute, University of Peking, China, 2010, 1 month  
*Visiting Scholar* Dept. of Mathematics, Univ. of Belgrade, 2011-2012, 4 months  
*Visiting Astronomer:* Scientific division of ESO/Garching, 2012-2013, 6 months  
" The Carnegie Observatories, Pasadena, 2014, 3 months  
*Visiting Scholar* Dept. of Physics, University of Tokyo, 2015-2016, 4 months  
*Visiting Scholar* Nice Observatory, France, 2017, 1 month

## Funds for National Projects

Co-I of 15 projects funded by MIUR and INAF

## Observing time on space telescopes:

I have been co-I of HST proposal that obtained roughly 200 orbits and ~1500 hours on Spitzer [see Addenda]

## Observing time on ESO telescopes:

I have been co-I of ESO proposals that obtained more than ~2400 hours of observing time at optical and NIR instruments [see Addenda]

## Professional Contributions

- Scientific Editor of *GIORNALE DI ASTRONOMIA*, SAIt popular Journal, 1997-2015
- Board of Directors of Italian Astronomical Society, 2001-2012; 2020-present
- ESO Observing Programmes Committee, member Panel:D, 2002-2003
- ESO Observing Programmes Committee, chair Panel:D, 2011-2013
- Member of the INAF–CINECA panel for Numerical Astrophysics Projects, 2002-2006
- SOC Member of International Ph.D. School Network "F. Lucchin", 2006-present
- Referee for *A&A*, *AJ*, *ApJ*, *MNRAS*, *PASP*, *APSS*
- Referee of International Ph.D. Projects
- Referee for Science Foundations (USA, Canada, Italy)
- Referee for the academic promotion process (Europe, Australia)
- Member of the Selection Committee for Master AstroMundus funded by EC 2010-2013
- Chair of the ESO Project Science Team for the Extremely Large Telescope 2012-present
- Chair of the Selection Committee for Master AstroMundus funded by EC 2014-2018
- Referee for ERC consolidator grants
- Member of selection committees (researcher, associate) Catania, Bologna, Trieste University
- Chair of the INAF selection committee for 8 permanent positions (Stars, Interstellar medium)
- Nominator for the Nobel Prize in Physics 2021 for the Swedish Academy of Science
- Referee for proposals at Japanese, Canadian (CFHT) and Opticon observing facilities:
- Co-ordinator Italian Participation to Large Synoptic Survey Telescope – October 2016
- PI of an LSST project supported by INAF – December 2016
- Member of the MAVIS (MCAO Assisted Visible Imager & Spectrograph) science team, 3rd generation VLT instrument – May 2018
- Member of the MAVIS steering committee – September 2018
- Member of the Program Committee at the Munich Institute for Astro- and Particle Physics (MIAPP) – June 2021

## Teaching Activity

- Lectures:* Ph.D. School of Astrophysics "F. Lucchin", Catania, 1997;  
Asiago, 2000; Tarquinia, 2008, Erice 2011; Teramo, 2014;  
IAC, Canarie 2013
- " School of Physics, Dept. of Physics "Eotvos", Budapest
- " NOVA Invitation, Dutch Ph.D. Students (Leiden, Groeningen)
- " Munich Institute for Astro-Particle physics  
The Extragalactic Distance Scale May–June 2014
- " IAC Invitation, Ph.D. School, Canarie June 2014
- Teaching:* Dept. of Physics, University of Rome Tor Vergata, 2004–present  
**Stellar Evolution**
- " Dept. of Physics, University of Rome Tor Vergata, 2010–2019  
**Stellar Populations**
- " Dept. of Physics, University of Rome Tor Vergata, 2020–present  
**Modern Astrophysics**

**PhD Students: Tutor – Co-Tutor**

Twenty-three PhD projects from: University of Florence, Pisa,  
Rome Tor Vergata plus International Institutions [see Addenda]

**Master Students: Tutor – Co-Tutor**

Sixteen Master thesis from: University of Trieste, Rome La Sapienza  
Rome Tor Vergata [see Addenda]

**Batchelor Students: Tutor**

Project for top level students (percorso di eccellenza), Rome TOV [see Addenda]

**Meeting Organization**

SOC Co-Chair (four) and SOC member (eight) International meetings

**Editorial Activity**

Co-editor of six books of proceedings