

# LIST of ALL the PUBLICATIONS:

For each referred publications in peer review journal and for the conference proceedings, it is shown the link to the online original version.

## Refereed publications:

1. **G. Cescutti**, M. Valentini, P. François, C. Chiappini, E. Depagne, N. Christlieb, and C. Cortés “Does the chemical signature of TYC 844210361 originate from a rotating massive star that died in a faint explosion?”, 2016, *Astronomy & Astrophysics*, 595, 91.  
<http://www.aanda.org/articles/aa/pdf/2016/11/aa29106-16.pdf>
2. T. Rauscher, N. Nishimura, R. Hirschi, **G. Cescutti**, A. St. J. Murphy, and A. Heger, “Uncertainties in the production of  $p$  nuclei in massive stars obtained from Monte Carlo variations” first published online 08/09/2016, *Monthly Notices of the Royal Astronomical Society*.  
<http://mnras.oxfordjournals.org/content/463/4/4153.full.pdf+html>
3. **G. Cescutti**, D. Romano, F. Matteucci, C. Chiappini, and R. Hirschi, “*The role of neutron star mergers in the chemical evolution of the Galactic halo*”, 2015, *Astronomy & Astrophysics*, 577, 139.  
<http://www.aanda.org/articles/aa/pdf/2015/05/aa25698-15.pdf>
4. C. J. Hansen, B. Nordstroem, T.T. Hansen, C.R. Kennedy, V.M. Placco, T.C. Beers, J. Andersen, **G. Cescutti**, C. Chiappini, “*Abundances of carbon-enhanced metal-poor stars as constraints on their formation*”, 2016, *Astronomy & Astrophysics*, 588, 37.  
<http://www.aanda.org/articles/aa/pdf/2016/04/aa26895-15.pdf>
5. U. Ural, **G. Cescutti**, A. Koch, J. Kleyna, S. Feltzing, and M. I. Wilkinson “*An inefficient dwarf: Chemical abundances and the evolution of the Ursa Minor dwarf spheroidal galaxy*”, 2015, *Monthly Notices of the Royal Astronomical Society*, 449, 761.  
<http://mnras.oxfordjournals.org/content/449/1/761.full.pdf+html>
6. H. Jacobson, T. Thanathibodee, A. Frebel, I. Roederer, **G. Cescutti**, and F. Matteucci, “*The chemical evolution of phosphorus and the other elements of life*”, 2014, *The Astrophysical Journal Letters*, 796, L24.  
<http://iopscience.iop.org/2041-8205/796/2/L24/>
7. B. Barbuy, C. Chiappini, E. Cantelli, E. Depagne, M. Pignatari, R. Hirschi, **G. Cescutti**, and 7 coauthors “*High-resolution abundance analysis of red giants in the globular cluster NGC 6522*”, 2014, *Astronomy & Astrophysics*, 570, 76.  
<http://www.aanda.org/articles/aa/pdf/2014/10/aa24311-14.pdf>
8. **G. Cescutti**, C. Chiappini, “*Explaining the Ba, Y, Sr, and Eu abundance scatter in metal-poor halo stars: constraints to the r-process*”, 2014, *Astronomy & Astrophysics*, 565, 51.  
<http://www.aanda.org/articles/aa/pdf/2014/05/aa23432-14.pdf>

9. I.R. Seitenzahl, **G. Cescutti**, F.K. Röpké, A.J. Ruiter, R. Pakmor, “*Solar abundance of manganese: a case for near Chandrasekhar-mass Type Ia supernova progenitors*”, 2013, *Astronomy & Astrophysics*, 559, 5.  
<http://www.aanda.org/articles/aa/pdf/2013/11/aa22599-13.pdf>
10. **G. Cescutti**, C. Chiappini, R. Hirschi, G. Meynet, U. Frischknecht, “*The s-process in the Galactic halo: the fifth signature of spinstars in the early Universe?*”, 2013, *Astronomy & Astrophysics*, 553, 51.  
<http://www.aanda.org/articles/aa/pdf/2013/05/aa20809-12.pdf>
11. C.J. Hansen, M. Bergemann, **G. Cescutti**, P. François, A. Arcones, A. Karakas, K. Lind, C. Chiappini, “*LTE or non-LTE, that is the question. The NLTE chemical evolution of strontium in extremely metal-poor stars*”, 2013, *Astronomy & Astrophysics*, 551, 57.  
<http://www.aanda.org/articles/aa/pdf/2013/03/aa20584-12.pdf>
12. V. Grieco, F. Matteucci, A. Pipino, **G. Cescutti**, “*Chemical evolution of the Galactic bulge: different stellar populations and possible gradients*”, 2012, *Astronomy & Astrophysics*, 541, 45.  
<http://www.aanda.org/articles/aa/pdf/2012/12/aa19761-12.pdf>
13. P. North, **G. Cescutti**, P. Jablonka, V. Hill, M. Shetrone, B. Letarte, B. Lemasle, K.A. Venn, G. Battaglia, E. Tolstoy, M.J. Irwin, F. Primas, P. François, “*Manganese in dwarf spheroidal galaxies*”, 2012, *Astronomy & Astrophysics*, 548, 60.  
<http://www.aanda.org/articles/aa/pdf/2012/05/aa18636-11.pdf>
14. **G. Cescutti**, F. Matteucci, E. Caffau, P. François, “*Chemical evolution of the Milky Way: the origin of phosphorus*”, 2012, *Astronomy & Astrophysics*, 540, 33.  
<http://www.aanda.org/articles/aa/pdf/2012/04/aa18188-11.pdf>
15. D. Romano, **G. Cescutti**, F. Matteucci, “*Manganese evolution in Omega Centauri: a clue to the cluster formation mechanisms?*”, 2011, *Monthly Notices of the Royal Astronomical Society*, 418, 696.  
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16. G. Vladilo, C. Abate, J. Yin, **G. Cescutti**, F. Matteucci, “*Silicon depletion in damped Ly systems. The S/Zn method*”, 2011, *Astronomy & Astrophysics*, 530, 33.  
<http://www.aanda.org/articles/aa/pdf/2011/06/aa16330-10.pdf>
17. **G. Cescutti**, F. Matteucci, “*Galactic astroarchaeology: reconstructing the bulge history by means of the newest data*”, 2011, *Astronomy & Astrophysics*, 525, 126.  
<http://www.aanda.org/articles/aa/pdf/2011/01/aa15665-10.pdf>
18. M. Bergemann, **G. Cescutti**, “*Chromium: NTLE abundances in metal-poor stars and nucleosynthesis in the Galaxy*”, 2010, *Astronomy & Astrophysics*, 522, 9.  
<http://www.aanda.org/articles/aa/pdf/2010/14/aa14250-10.pdf>
19. **G. Cescutti**, C. Chiappini, “*The effects of stellar winds of fast-rotating stars in the earliest phases of chemical enrichment of the Galaxy*”, 2010, *Astronomy & Astrophysics*, 515, 102. <http://www.aanda.org/articles/aa/pdf/2010/07/aa14086-10.pdf>

20. **G. Cescutti**, F. Matteucci, A. McWilliam, C. Chiappini, “*The evolution of carbon and oxygen in the bulge and disk of the Milky Way*”, 2009, *Astronomy & Astrophysics*, 505, 605.  
<http://www.aanda.org/articles/aa/pdf/2009/38/aa12759-09.pdf>
21. E. Spitoni, F. Matteucci, S. Recchi, **G. Cescutti**, A. Pipino, “*Effects of galactic fountains and delayed mixing in the chemical evolution of the Milky Way*” , 2009, *Astronomy & Astrophysics*, 504, 87.  
<http://www.aanda.org/index.php?option=article&access=bibcode&bibcode=2009A%2526A...504...87SPDF>
22. E. Colavitti, **G. Cescutti** , F. Matteucci, G. Murante, “*The origin of abundance gradients in the Milky Way: the predictions of different models*”, 2009, *Astronomy & Astrophysics*, 496, 429.  
<http://www.aanda.org/index.php?option=article&access=bibcode&bibcode=2009A%2526A...496...429CPDF>
23. **G. Cescutti**, F. Matteucci, G.A. Lanfranchi, A. McWilliam, “*The chemical evolution of manganese in different stellar systems*”, 2008, *Astronomy & Astrophysics*, 491, 401.  
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24. **G. Cescutti** , “*Inhomogeneous model for the Galactic halo: a possible explanation for the spread observed in s- and r-process elements*”, 2008, *Astronomy & Astrophysics*, 481, 691.  
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25. G.A. Lanfranchi, F. Matteucci, **G. Cescutti**, “*A comparison of the s- and r-process element evolution in local dwarf spheroidal galaxies and in the Milky Way*”, 2008, *Astronomy & Astrophysics*, 481, 635.  
<http://www.aanda.org/index.php?option=article&access=bibcode&bibcode=2008A%2526A...481...635LPDF>
26. A. McWilliam, F. Matteucci, S. Ballero, R. M. Rich, J. P. Fulbright, **G. Cescutti**, “*The Evolution of Oxygen and Magnesium in the Bulge and Disk of the Milky Way*”, 2008, *The Astronomical Journal*, 136, 367.  
[http://www.iop.org/EJ/article/1538-3881/136/1/367/aj\\_136\\_1\\_367.pdf](http://www.iop.org/EJ/article/1538-3881/136/1/367/aj_136_1_367.pdf)
27. **G. Cescutti**, F. Matteucci, P. François, C. Chiappini, “*Abundance gradients in the Milky Way for alpha elements, Iron peak elements, Barium, Lanthanum and Europium*”, 2007, *Astronomy & Astrophysics*, 462, 943.  
<http://www.aanda.org/index.php?option=article&access=bibcode&bibcode=2007A%2526A...462...943CPDF>
28. G.A. Lanfranchi, F. Matteucci, **G. Cescutti** , “*Detailed chemical evolution of Carina and Sagittarius dwarf spheroidal galaxies*”, 2006, *Astronomy & Astrophysics*, 453, 67.  
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29. G.A. Lanfranchi, F. Matteucci, **G. Cescutti** , “*The evolution of barium and europium in local dwarf spheroidal galaxies*”, 2006, *Monthly Notices of the Royal Astronomical Society*, 365, 477.  
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<http://www.aanda.org/index.php?option=article&access=bibcode&bibcode=2006A%2526A...448..557CPDF>

### Not refereed publications:

1. R. de Jong, S. Barden, O. Bellido-Tirado, J. Brynnel, C. Chiappini, E. Depagne, R. Haynes, D. Johl, D.P Phillips, O. Schnurr, A.D. Schwobe, J. Walcher, S.M Bauer, **G. Cescutti**, and other 104 coauthors “*4MOST: 4-metre Multi-Object Spectroscopic Telescope*” Proceedings of the SPIE, Volume 9147, id. 91470M 14 pp. (2014).  
<http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1891835>
2. **G. Cescutti**, C. Chiappini, “*Galactic chemical evolution, the role of the First stars*” Proceedings of the XII International Symposium on Nuclei in the Cosmos (NIC XII). August 5-12, 2012. Cairns, Australia.  
<http://pos.sissa.it/cgi-bin/reader/conf.cgi?confid=146, id.76>
3. **G. Cescutti** , F. Matteucci, “*Chemical evolution of heavy elements in the Local Group*”, 2010, AIP Conference Proceedings, 1269, 50.  
<http://link.aip.org/link/doi/10.1063/1.3485206> (available searching for “*Gabriele, C.*” )
4. G.A. Lanfranchi, F. Matteucci, **G. Cescutti**, “*Chemical evolution models for the local group dwarf spheroidal galaxies: the evolution of Fe-peak elements*”, 2010, “*Proceedings of the International Astronomical Union*”, 5, pp 245-246.  
<http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=7325832>
5. **G. Cescutti** , F. Matteucci, P. François, “*The Chemical Evolution in the Solar Vicinity and the Nucleosynthesis of Neutron Capture Elements*”, 2008, AIP Conference Proceedings, 1001, 63.  
<http://link.aip.org/link/?APCPCS/1001/63/1>
6. **G. Cescutti** , “*Inhomogeneous Galactic halo: a possible explanation for the spread observed in s- and r-process elements*”, 2007, Proceedings of the conference “from Stars to Galaxies” eds. A. Vallenari, R. Tantalo, L. Portinari and A. Moretti ASP Conference Series.  
<http://aspbooks.org/custom/publications/paper/374-0139.html>
7. **G. Cescutti**, P. François, F. Matteucci, “*The chemical evolution of barium and Europium in the Milky Way*”, 2005 in “Proceedings IAU Symposium No 228”, eds. V. Hill, P. François & F. Primas, IUAS, 228, 445.  
<http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=361609>
8. G.A. Lanfranchi, F. Matteucci, **G. Cescutti**, “*The Evolution of Heavy Elements in Dwarf Spheroidal Galaxies*”, 2005, in “Proceedings IAU Symposium No. 228”, eds. V. Hill, P. François & F. Primas, IUAS, 228, 537.  
<http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=361653>