



Europass Curriculum Vitae

Personal information

First name(s) / Surname **Giovanni Paolo Vladilo**
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Nationality Italian
Date of birth 20/06/1954
Gender Male

Education

1981 Doctor in Physics (Astrophysics) at the University of Trieste with 110/110, thesis supervisor Prof. Emeritus M. Hack
1984 Master at the International School for Advanced Studies (SISSA), thesis supervisor Prof. J. E. Beckman

Work experience

1996 onwards Associate Astronomer at INAF-Trieste Astronomical Observatory (OATs) – Via G.B. Tiepolo, 11 - 34143 Trieste (Italy)
1985 - 1995 Research Astronomer at OATs

Position held

January 1st 2018 onwards Director, Astronomical Observatory of Trieste of the National Institute for Astrophysics (INAF). INAF Central Office: Viale del Parco Mellini, 84 - 00136 Roma (Italy)
2016-2017 Deputy Director (Vicario)- Astronomical Observatory of Trieste
2005-2007 Member of the Scientific Council of INAF-OATs
1997-2001 Deputy Director and member of the OATs directing board

Main field of research

Chemical abundances and physical properties of the interstellar and intergalactic medium; interstellar dust;
high resolution spectroscopy of Galactic stars, extragalactic supernovae and quasars;
observational studies of quasar absorption line systems;
Damped Lyman alpha primordial galaxies: chemical abundances, ionization state and kinematics; dust in the distant Universe;
cosmic evolution of metallicity and dust properties;
comparison of high-redshift chemical abundances with models of galactic chemical evolution and cosmological simulations.
Planetary habitability: development and application of climate models of terrestrial-type exoplanets. Physical limits of life and implications for planetary habitability.
Habitable zones in the Galaxy.

Publications

Number of papers in international refereed journals: **93** (*h*-index=30).
Total number of publications: **182** (with 2670 citations).
(see Annex)

Referee activity	Referee in the peer review system for the following journals: <i>Astrophysical Journal</i> , <i>Astronomy & Astrophysics</i> , and <i>Monthly Notices of the Royal Astronomical Society</i> .
International committees and societies	Member of the Board of Trustees of the European Astrobiology Institute (since 2019) Member of the Directing Board of the Società Italiana di Astrobiologia (2013-2017) Member of the “Academia Nacional de Ciencia y Tecnología – ANCYT” (Peru) as “Academico Correspondiente” (2010-2013) European Astrobiology Society, EANA (since 2009) Member of the Società Italiana di Astrobiologia (since 2008) International Astronomical Union (since 1988) Member of Società Astronomica Italiana (since 1985)
Participation in time allocation committees	<p>2002-2004 TAC member of the Italian national facility Telescopio Nazionale Galileo, European Space Agency (ESA)</p> <p>1999 Member in Hubble Space Telescope TAC panel on the ISM (Cycle 8).</p> <p>1996-1998 International Scientific Committee of the Observatory of Canary Islands</p>
Observational Experience	High resolution spectroscopy in the ultraviolet, optical and infrared spectral bands. Optical telescopes at the European Southern Observatory (ESO): 3.6m and NTT (La Silla, Chile), 8.2m VLT (Cerro Paranal, Chile); Telescopes 2.5m INT and 4.2m WHT at La Palma Observatory (Spain). Ultraviolet spectrographs on board of space-born facilities IUE, HST, and FUSE; Guest observer at VILSPA ESA station (Madrid). Infrared spectrographs on board of the Spitzer telescope. Participation in large observational programs: SN1987a in LMC (ESO, 1987); ESO key program on Magellanic Clouds (ESO, 1990); SN1993j in M81 (IAC, Spain, 1993); ESO large program “The cosmic evolution of the intergalactic medium” (1999-2001). Search for infrared absorptions of interstellar silicates in high-redshift galaxies observed with the Spitzer telescope (2006-2010). Integral field spectroscopy of Damped Lyman alpha galaxies (2007-2011). “The UVES Large Program for testing fundamental physics” (2013-2014). “The ESO UVES advanced data products quasar sample” (2014). “Demonstrating the Scientific Capabilities of JWST MIRI for Probing Distant Cosmic Dust and AGN Physics” JWST ERS (PI: V. Kulkarni, 2017).
Management of scientific projects	Responsible of the Work Package “Planetary Climate and Habitability” of the “Bando di Ricerca per Missioni Future di Esplorazione Umana dello Spazio” ASI (DC-VUM-2017-034; PI Silvano Onofri, Univ. della Tuscia).
Organization of Scientific Conferences	Scientific organization of the XVII International Conference on Science, Art and Culture (ECSAC; Lošinj, Croatia, September 2017). Scientific and local organization of the 3rd Workshop of the Italian Astrobiology Society (Duino Castle, Trieste, 2010) and of the 5th Workshop of the Italian Astrobiology Society (Trieste, SISSA, 2015). Local organizer of NATO Workshop “Progress in Stellar Spectral Line Formation Theory” (Grignano, Trieste, 1984).
Didactic Activity	Master courses (“Laurea Specialistica”) at the Univ. of Trieste, Faculty of Mathematical, Physical and Natural Sciences: “Planets and Astrobiology” (2013-2017; 6 credits); “Astronomia Osservativa” (2010-2012; with prof. S. Cristiani). Ph.D. Courses at SISSA (International School for Advanced Studies): “Astrobiology” (2018-2019; 6 lectures). Master in Science Communication (SISSA, 2013). Ph.D schools: Italian National Schools for Astrophysics (1997, 2001), “International School of Space Science” (L’Aquila, 1992). Courses at the Dept. of Astronomy, Univ. of Trieste (1989-1991; 2007-2010).

Tutorship

Master thesis at the University of Trieste (Faculty of Mathematical, Physical and Natural Sciences): M. Pinamonti (2014), O. Osman (2014), S. Scarpato (2012), G. Ferri (2011), A. Mikosch Cuka (2011), C. Abate (2009), and C. Càssola (1992).
 Co-tutor of Ph.D thesis: L. Gioannini (Faculty of Mathematical, Physical and Natural Sciences, Univ. Trieste, 2015-2017, with prof. F. Matteucci).
 Tutor of Ph.D. thesis: P. Simonetti (Univ. of Trieste, 2018-2020); M. Centuri3n (Universidad de La Laguna, Tenerife, Spain, 1991) and S. Monai (Department of Astronomy, University of Trieste, 1991).
 Tutor of "Laurea Triennale" at the Univ. of Trieste (Faculty of Mathematical, Physical and Natural Sciences): S. Kodermaz (2010), L. M. Serrano (2013).

Didactic activity abroad

"Observational Methods in Astronomy" (45 hours) at the Dept. of Mathematics and Physics, Univ. of Ljubljana (Slovenia, 2016-2017).
 "Introduction to Astrobiology" (12 hours) at Instituto Nacional de Astrofísica, Óptica y Electrónica (Puebla, Mexico, 2015).
 Ph.D schools: Novicosmo Summer School (Rabac, Croatia, 2009).
 Courses on "The Interstellar and Intergalactic Medium" at Universidad de San Carlos de Guatemala (Guatemala; 2008) and Universidad Nacional Mayor de San Marcos (Lima, Perú, 2004).

Work and visits abroad

Visit at Queen Mary College, London (1984), invited by prof. J.E. Beckman.
 Visiting professor at the Instituto de Astrofísica de Canarias (IAC), La Laguna, Spain (1993).
 Visit at Space Telescope Science Intitute, Baltimore (1999).
 Series of visits at the European Southern Observatory headquarters, Garching, Germany (1997-2005) and at the Institute de Astrophysique de Paris, France (1999-2001).
 Visit at Steward Obs., Univ. of Arizona, Tucson (2003).
 Visits and seminars at University California San Diego, invited by prof. A. Wolfe, and at University California Santa Cruz, invited by dr. J. Prochaska (2006).
 Visit and seminar at the Cornell University, Carl Sagan Institute, Ithaca (2015) invited by dr. L. Kaltenegger.
 Visiting prof. at Universidad Nacional Mayor de San Marcos, invited by prof. M. Aguilar (Lima, Perú, 2004-2006).

Public Outreach

Conferences:
 Areaperta (CNR, Pisa, 2016), DEEP (Accademia delle Scienze, Torino, 2017),
 "Reflets dans l'eau" (multidisciplinary meeting, Univ. Torino, 2017).
 Conferences for high schools (2006-2017).
 Articles for public outreach (e.g. Coelum 2015).
 Interviews in radio and TV programs.
 Conferences abroad: Slovenia (2015-2017);
 opening of the International Year of Astronomy at Lima, Perú (2009);
 Italian Institute of Culture, Guatemala City (2008).

Software skills

Development of a software for extraction and correction of IUE echelle spectra.
 Use of ESO-MIDAS astronomical software for data reduction and analysis.
 Development of *python* scripts for the creation and manadgement of a database of chemical abundances of Damped Lyman alpha Systems (2008-2014).
 Development of *fortran* codes and post-processing *python* scripts for climate simulations of terrestrial-type exoplanets (2010-2017).

Mother tongue(s)**Italian, Spanish****Other language(s)****Self-assessment***European level (*)***English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient User	C1	Proficient User	C1	Proficient User	C1	Proficient User	C1	Proficient User

(*) [Common European Framework of Reference for Languages](#)**Annexes**

List of Publications

Giovanni Vladilo

Refereed Publications

1. Vladilo, G., Gioannini, L., Matteucci, F., & Palla, M. (2018), Evolution of the Dust Composition in Damped Ly α Systems, *The Astrophysical Journal*, 868, 127.
2. Vladilo, G., Hassanali, A. (2018), Hydrogen Bonds and Life in the Universe, *Life*, 8, 1.
3. Augustin, R., Péroux, C., Møller, P., Kulkarni, V., Rahmani, H., Milliard, B., Pieri, M., York, D. G., Vladilo, G., Aller, M., & Zwaan, M. (2018), Characterizing the circum-galactic medium of damped Lyman- α absorbing galaxies, *Monthly Notices of the Royal Astronomical Society*, 478, 3120.
4. Silva, L., Vladilo, G., Murante, G., & Provenzale, A. (2017), Quantitative estimates of the surface habitability of Kepler-452b, *Monthly Notices of the Royal Astronomical Society*, 470, 2270.
5. Silva, L., Vladilo, G., Schulte, P. M., Murante, G., & Provenzale, A. (2017), From climate models to planetary habitability: temperature constraints for complex life, *International Journal of Astrobiology*, 16, 244.
6. Gioannini, L., Matteucci, F., Vladilo, G., & Calura, F. (2017), A new galactic chemical evolution model with dust: results for dwarf irregular galaxies and DLA systems, *Monthly Notices of the Royal Astronomical Society*, 464, 985.
7. Kulkarni, V. P., Aller, M. C., York, D. G., Welty, D. E., Vladilo, G., & Som, D. (2016), Probing the interstellar dust in galaxies over >10 Gyr of cosmic history, *Planetary and Space Science*, 133, 7.
8. Vladilo, G., Silva, L., Murante, G., Filippi, L., & Provenzale, A. (2015), Modeling the Surface Temperature of Earth-like Planets, *The Astrophysical Journal*, 804, 50.
9. Zafar, T., Vladilo, G., Péroux, C., Molaro, P., Centurión, M., D'Odorico, V., Abbas, K., & Popping, A. (2014), The ESO UVES Advanced Data Products Quasar Sample - IV. On the deficiency of argon in DLA systems, *Monthly Notices of the Royal Astronomical Society*, 445, 2093.
10. Zafar, T., Centurión, M., Péroux, C., Molaro, P., D'Odorico, V., Vladilo, G., & Popping, A. (2014), The ESO UVES advanced data products quasar sample - III. Evidence of bimodality in the $[N/\alpha]$ distribution, *Monthly Notices of the Royal Astronomical Society*, 444, 744.
11. Aller, M. C., Kulkarni, V. P., York, D. G., Welty, D. E., Vladilo, G., & Liger, N. (2014), Interstellar Silicate Dust in the $z = 0.685$ Absorber Toward TXS 0218+357, *The Astrophysical Journal*, 785, 36.
12. Bonifacio, P., Rahmani, H., Whitmore, J. B., Wendt, M., Centurion, M., Molaro, P., Srianand, R., Murphy, M. T., Petitjean, P., Agafonova, I. I., D'Odorico, S., Evans, T. M., Levshakov, S. A., Lopez, S., Martins, C. J. A. P., Reimers, D., & Vladilo, G. (2014), Fundamental constants and high-resolution spectroscopy, *Astronomische Nachrichten*, 335, 83.
13. D'Odorico, V., Cupani, G., Cristiani, S., Maiolino, R., Molaro, P., Nonino, M., Centurión, M., Cimatti, A., di Serego Alighieri, S., Fiore, F., Fontana, A., Gallerani, S., Giallongo, E., Mannucci, F., Marconi, A., Pentericci, L., Viel, M., & Vladilo, G. (2013), Metals in the IGM approaching the re-ionization epoch: results from X-shooter at the VLT, *Monthly Notices of the Royal Astronomical Society*, 435, 1198.

14. Rahmani, H., Wendt, M., Srianand, R., Noterdaeme, P., Petitjean, P., Molaro, P., Whitmore, J. B., Murphy, M. T., Centurion, M., Fathivavsari, H., D'Odorico, S., Evans, T. M., Levshakov, S. A., Lopez, S., Martins, C. J. A. P., Reimers, D., & Vladilo, G. (2013), The UVES large program for testing fundamental physics - II. Constraints on a change in μ towards quasar HE 0027-1836, *Monthly Notices of the Royal Astronomical Society*, 435, 861.
15. Molaro, P., Centuri3n, M., Whitmore, J. B., Evans, T. M., Murphy, M. T., Agafonova, I. I., Bonifacio, P., D'Odorico, S., Levshakov, S. A., Lopez, S., Martins, C. J. A. P., Petitjean, P., Rahmani, H., Reimers, D., Srianand, R., Vladilo, G., & Wendt, M. (2013), The UVES Large Program for testing fundamental physics I. Bounds on a change in α towards quasar HE 2217-2818, *Astronomy & Astrophysics*, 555, A68.
16. Vladilo, G., Murante, G., Silva, L., Provenzale, A., Ferri, G., & Ragazzini, G. (2013), The Habitable Zone of Earth-like Planets with Different Levels of Atmospheric Pressure, *The Astrophysical Journal*, 767, 65.
17. Aller, M. C., Kulkarni, V. P., York, D. G., Vladilo, G., Welty, D. E., & Som, D. (2012), Interstellar Silicate Dust in the $z = 0.89$ Absorber toward PKS 1830-211: Crystalline Silicates at High Redshift?, *The Astrophysical Journal*, 748, 19.
18. P3roux, C., Bouch3, N., Kulkarni, V. P., York, D. G., & Vladilo, G. (2012), A SINFONI integral field spectroscopy survey for galaxy counterparts to damped Lyman α systems - III. Three additional detections, *Monthly Notices of the Royal Astronomical Society*, 419, 3060.
19. P3roux, C., Bouch3, N., Kulkarni, V. P., York, D. G., & Vladilo, G. (2011), Erratum: A SINFONI integral field spectroscopy survey for galaxy counterparts to damped Lyman α systems - I. New detections and limits for intervening and associated absorbers, *Monthly Notices of the Royal Astronomical Society*, 418, 2110.
20. Yin, J., Matteucci, F., & Vladilo, G. (2011), Chemical evolution of dwarf irregular and blue compact galaxies, *Astronomy & Astrophysics*, 531, A136.
21. Vladilo, G., Abate, C., Yin, J., Cescutti, G., & Matteucci, F. (2011), Silicon depletion in damped Ly α systems. The S/Zn method, *Astronomy & Astrophysics*, 530, A33.
22. D'Odorico, V., Cupani, G., Cristiani, S., Maiolino, R., Molaro, P., Nonino, M., Cimatti, A., di Serego Alighieri, S., Fiore, F., Fontana, A., Gallerani, S., Giallongo, E., Mannucci, F., Marconi, A., Pentericci, L., Viel, M., & Vladilo, G. (2011), Optical-NIR spectra of quasars close to reionization ($z \approx 6$), *Astronomische Nachrichten*, 332, 315.
23. P3roux, C., Bouch3, N., Kulkarni, V. P., York, D. G., & Vladilo, G. (2011), A SINFONI integral field spectroscopy survey for galaxy counterparts to damped Lyman α systems - II. Dynamical properties of the galaxies towards Q0302 - 223 and Q1009 - 0026, *Monthly Notices of the Royal Astronomical Society*, 410, 2251.
24. P3roux, C., Bouch3, N., Kulkarni, V. P., York, D. G., & Vladilo, G. (2011), A SINFONI integral field spectroscopy survey for galaxy counterparts to damped Lyman α systems - I. New detections and limits for intervening and associated absorbers, *Monthly Notices of the Royal Astronomical Society*, 410, 2237.
25. Kulkarni, V. P., Torres-Garcia, L. M., Som, D., York, D. G., Welty, D. E., & Vladilo, G. (2011), Interstellar Silicate Dust in Five Quasar Absorption Systems, *The Astrophysical Journal*, 726, 14.
26. P3roux, C., Meiring, J. D., Kulkarni, V. P., Khare, P., Lauroesch, J. T., Vladilo, G., & York, D. G. (2008), Metal abundances at $z \approx 1.5$: new measurements in sub-damped Lyman α absorbers, *Monthly Notices of the Royal Astronomical Society*, 386, 2209.
27. Vladilo, G., Prochaska, J. X., & Wolfe, A. M. (2008), The color excess of quasars with intervening DLA systems. Analysis of the SDSS data release five, *Astronomy & Astrophysics*, 478, 701.
28. Kulkarni, V. P., York, D. G., Vladilo, G., & Welty, D. E. (2007), 9.7 μm Silicate Absorption in a Damped Ly α Absorber at $z = 0.52$, *The Astrophysical Journal*, 663, L81.

29. Péroux, C., Meiring, J. D., Kulkarni, V. P., Ferlet, R., Khare, P., Lauroesch, J. T., Vladilo, G., & York, D. G. (2006), Metal-rich damped/subdamped Lyman α quasar absorbers at $z \approx 1$, *Monthly Notices of the Royal Astronomical Society*, 372, 369.
30. Vladilo, G., Centurión, M., Levshakov, S. A., Péroux, C., Khare, P., Kulkarni, V. P., & York, D. G. (2006), Extinction and metal column density of HI regions up to redshift $z \approx 2$, *Astronomy & Astrophysics*, 454, 151.
31. Péroux, C., Kulkarni, V. P., Meiring, J., Ferlet, R., Khare, P., Lauroesch, J. T., Vladilo, G., and York, D. G. (2006), The most metal-rich intervening quasar absorber known, *Astronomy & Astrophysics*, 450, 53.
32. Vladilo, G., & Péroux, C. (2005), The dust obscuration bias in damped Lyman α systems, *Astronomy & Astrophysics*, 444, 461.
33. Vladilo, G. (2004), The early build-up of dust in galaxies: A study of damped Ly α systems, *Astronomy & Astrophysics*, 421, 479.
34. Calura, F., Matteucci, F., Dessauges-Zavadsky, M., D'Odorico, S., Prochaska, J. X., & Vladilo, G. (2004), Chemical Evolution of Damped Lyman-alpha Systems, *Origin and Evolution of the Elements*, 6.
35. Centurión, M., Molaro, P., Vladilo, G., Péroux, C., Levshakov, S. A., & D'Odorico, V. (2003), Early stages of nitrogen enrichment in galaxies: Clues from measurements in damped Lyman alpha systems, *Astronomy & Astrophysics*, 403, 55.
36. Vladilo, G., Centurión, M., D'Odorico, V., & Péroux, C. (2003), Ar I as a tracer of ionization evolution, *Astronomy & Astrophysics*, 402, 487.
37. Calura, F., Matteucci, F., & Vladilo, G. (2003), Chemical evolution and nature of damped Lyman α systems, *Monthly Notices of the Royal Astronomical Society*, 340, 59.
38. Vladilo, G. (2002), Chemical abundances of damped Ly alpha systems: A new method for estimating dust depletion effects, *Astronomy & Astrophysics*, 391, 407.
39. Vladilo, G. (2002), A Scaling Law for Interstellar Depletions, *The Astrophysical Journal*, 569, 295.
40. Bonifacio, P., Caffau, E., Centurión, M., Molaro, P., & Vladilo, G. (2001), An astrophysical oscillator strength for the S ii 94.7-nm resonance line and S abundances in DLAs, *Monthly Notices of the Royal Astronomical Society*, 325, 767.
41. Vladilo, G., Centurión, M., Bonifacio, P., & Howk, J. C. (2001), Ionization Properties and Elemental Abundances in Damped Ly α Systems, *The Astrophysical Journal*, 557, 1007.
42. Vladilo, G., Bonifacio, P., Centurión, M., & Molaro, P. (2000), Zinc as a Tracer of Metallicity Evolution of Damped Ly α Systems, *The Astrophysical Journal*, 543, 24.
43. Molaro, P., Bonifacio, P., Centurión, M., D'Odorico, S., Vladilo, G., Santin, P., & Di Marcantonio, P. (2000), UVES Observations of QSO 0000-2620: Oxygen and Zinc Abundances in the Damped Ly α Galaxy at $z_{\text{abs}}=3.3901$, *The Astrophysical Journal*, 541, 54.
44. Levshakov, S. A., Molaro, P., Centurión, M., D'Odorico, S., Bonifacio, P., & Vladilo, G. (2000), UVES observations of QSO 0000-2620: molecular hydrogen abundance in the damped Ly α system at $z_{\text{abs}} = 3.3901$, *Astronomy & Astrophysics*, 361, 803.
45. Centurión, M., Bonifacio, P., Molaro, P., & Vladilo, G. (2000), Chemical Evolution of Damped Ly α Galaxies: The [S/ZN] Abundance Ratio at Redshift ≈ 2 , *The Astrophysical Journal*, 536, 540.
46. Molaro, P., Bonifacio, P., Centurion, M., & Vladilo, G. (1999), Low deuterium abundance in the $z_{\text{abs}}=3.514$ absorber towards APM 08279+5255, *Astronomy & Astrophysics*, 349, L13.

47. Centuri3n, M., Bonifacio, P., Molaro, P., & Vladilo, G. (1998), Nitrogen Abundances in Damped Ly α Galaxies, *The Astrophysical Journal*, 509, 620.
48. Centuri3n, M., Bonifacio, P., Molaro, P., & Vladilo, G. (1998), On the Nature of Damped LY α Systems: Clues from Determinations of Elemental Abundance Ratios, *\apss*, 263, 79.
49. Bonifacio, P., Molaro, P., Beers, T. C., & Vladilo, G. (1998), CS 22957-027: a carbon-rich extremely-metal-poor star, *Astronomy & Astrophysics*, 332, 672.
50. Molaro, P., Vladilo, G., & Centurion, M. (1998), Chemical abundances in the young galaxy at $z=2.309$ towards PHL 957, *Monthly Notices of the Royal Astronomical Society*, 293, L37.
51. Vladilo, G. (1998), Dust and Elemental Abundances in Damped Ly α Absorbers, *The Astrophysical Journal*, 493, 583.
52. Molaro, P., Matteucci, F., & Vladilo, G. (1997), On the abundances of damped Ly-alpha systems, *Astrophysical Letters and Communications*, 36, 375.
53. Vladilo, G., Centurion, M., Falomo, R., & Molaro, P. (1997), The $z=0.558$ absorption system towards PKS 0118-272: A candidate Damped LY α system at low redshift., *Astronomy & Astrophysics*, 327, 47.
54. Matteucci, F., Molaro, P., & Vladilo, G. (1997), Chemical evolution of damped Ly α systems., *Astronomy & Astrophysics*, 321, 45.
55. Molaro, P., D'Odorico, S., Fontana, A., Savaglio, S., & Vladilo, G. (1996), Chemical abundances in the damped system at $z=3.390$ towards QSO 0000-2619., *Astronomy & Astrophysics*, 308, 1.
56. Centurion, M., Cassola, C., & Vladilo, G. (1995), The $^{12}\text{CH}^+ / ^{13}\text{CH}^+$ ratio in the Coalsack., *Astronomy & Astrophysics*, 302, 243.
57. King, D. L., Vladilo, G., Lipman, K., de Boer, K. S., Centurion, M., Moritz, P., & Walton, N. A. (1995), NGC 4526 gas, high velocity clouds, and Galactic halo gas: the interstellar medium towards SN 1994D., *Astronomy & Astrophysics*, 300, 881.
58. Centurion, M., Vladilo, G., de Boer, K. S., Herbstmeier, U., & Schwarz, U. J. (1994), Optical and 21-cm observations of high-velocity gas towards subdwarfs in the halo and early-type stars in the disk., *Astronomy & Astrophysics*, 292, 261.
59. Vladilo, G., Centurion, M., de Boer, K. S., King, D. L., Lipman, K., Stegert, J. S. W., Unger, S. W., & Walton, N. A. (1994), Interstellar and intergalactic gas towards SN1993J in M81: a study of optical and 21cm spectra., *Astronomy & Astrophysics*, 291, 425.
60. Vladilo, G., & Centurion, M. (1994), The $\text{Zn}^+ / \text{Na}^0$ interstellar ratio, *Astronomy & Astrophysics*, 105, 421.
61. Vladilo, G., Centurion, M., de Boer, K. S., King, D. L., Lipman, K., Stegert, J., Unger, S. W., & Walton, N. A. (1993), Interstellar and intergalactic gas in th direction of SN 1993J in M 81., *Astronomy & Astrophysics*, 280, L11.
62. Molaro, P., Vladilo, G., Monai, S., D'Odorico, S., Ferlet, R., Vidal-Madjar, A., & Dennefeld, M. (1993), Interstellar Call and NaI in the SN 1987A field., *Astronomy & Astrophysics*, 274, 505.
63. Vladilo, G., Molaro, P., Monai, S., D'Odorico, S., Ferlet, R., Vidal-Madjar, A., & Dennefeld, M. (1993), Interstellar Call and NaI in the SN 1987A field., *Astronomy & Astrophysics*, 274, 37.
64. Vladilo, G., Centurion, M., & Cassola, C. (1993), The interstellar $^{12}\text{CH} / ^{13}\text{CH}^+$ ratio towards the SCO OB1 association., *Astronomy & Astrophysics*, 273, 239.
65. Baade, D., Cristiani, S., Lanz, T., Malaney, R. A., Sahu, K. S., & Vladilo, G. (1991), Reduced upper limits on the equivalent width of interstellar Li I 670.8 towards SN 1987A., *Astronomy & Astrophysics*, 251, 253.

66. Centurion, M., & Vladilo, G. (1991), Redetermination of the interstellar 12C/13C ratio in the solar vicinity., *Astronomy & Astrophysics*, 251, 245.
67. D'Odorico, S., Molaro, P., & Vladilo, G. (1991), NTT interstellar NA I observations of the two faint (V 15.5) optical companions of SN 1987A., *Astronomy & Astrophysics*, 247, L5.
68. Centurion, M., & Vladilo, G. (1991), The Local Interstellar Medium toward the Center of Loop I, *The Astrophysical Journal*, 372, 494.
69. Vladilo, G., & Centurion, M. (1990), The interstellar 12CH+/13CH+ ratio towards HD 26676., *Astronomy & Astrophysics*, 240, 476.
70. Vladilo, G., & Centurion, M. (1990), Ionization and elemental depletion in the interstellar medium, *Astronomy & Astrophysics*, 233, 168.
71. Genova, R., Molaro, P., Vladilo, G., & Beckman, J. E. (1990), MG II Observed in the Local Interstellar Medium: The Local Cloud, *The Astrophysical Journal*, 355, 150.
72. Foing, B. H., Crivellari, L., Vladilo, G., Rebolo, R., & Beckman, J. E. (1989), Chromospheres of late-type active and quiescent dwarfs. II. an activity index derived from profiles of the CA II lambda 8498 A and lambda 8542 A triplet lines., *Astronomy & Astrophysics*, 80, 189.
73. Rebolo, R., Garcia Lopez, R., Beckman, J. E., Vladilo, G., Foing, B. H., & Crivellari, L. (1989), Chromospheres of late-type active and quiescent dwarfs. I. an atlas of high resolution CA II H profiles., *Astronomy & Astrophysics*, 80, 135.
74. Centurion, M., & Vladilo, G. (1989), The reflection nebula around HD 26676., *Astronomy & Astrophysics*, 218, 243.
75. Genova, R., Beckman, J. E., Vladilo, G., & Molaro, P. (1989), The Local Interstellar Medium - a Test-Bed for the Galactic Interstellar Medium, *\apss*, 156, 243.
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Giovanni Vladilo

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