

COMPLETE LIST OF PUBLICATIONS
by Gianluca Colò

Books

1. R.A. Broglia, G. Colò, G. Onida and H.E. Roman, “Solid state physics of finite systems: metal clusters, fullerenes, atomic wires”, Advanced Texts in Physics Series, Springer Verlag, Berlin (2004).

A. Papers on refereed journals

1. G. Colò, N. Van Giai, P.F. Bortignon, A. Bracco and R.A. Broglia, “Neutron Escape Widths of Giant Monopole Resonance in ^{208}Pb ”, *Fizika* 22 (1990) 267.
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3. R.A. Broglia, F. Alasia, G. Colò, H.E. Roman, Ll. Serra, “Oscillations of Finite Quantal Fermi Systems”, *Zeit. Phys.* D31 (1994) 181.
4. V.Yu. Ponomarev, E. Vigezzi, P.F. Bortignon, R.A. Broglia, G. Colò, G. Lazzari, V.V. Voronov, G. Baur, “Multiple Excitation of Giant Dipole Resonances in Relativistic Heavy Ion Collisions”, *Phys. Rev. Lett.* 72 (1994) 1168.
5. F. Alasia, R.A. Broglia, H.E. Roman, Ll. Serra, G. Colò, and J. Pacheco, “Single-particle and collective degrees of freedom in C_{60} ”, *J. Phys.* B27 (1994) L643.
6. G. Colò, N. Van Giai, P.F. Bortignon, R.A. Broglia, “Escape and spreading properties of charge-exchange resonances in ^{208}Bi ”, *Phys. Rev.* C50 (1994) 1496.

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8. G. Colò, N. Van Giai, H. Sagawa, “Isovector properties of Skyrme-type effective interactions”, *Phys. Lett. B*363 (1995) 5.
9. F. Alasia, R.A. Broglia, G. Colò and H.E. Roman, “Electromagnetic response of quasispheroidal fullerene C_{70} ”, *Chem. Phys. Lett.* 247 (1995) 502.
10. H.E. Roman, G. Colò, F. Alasia and R.A. Broglia, “Long wavelength optical response of incipient fullerene nanotubes”, *Chem. Phys. Lett.* 251 (1996) 111.
11. G. Colò and N. Van Giai, “Where is the non spin-flip isovector monopole resonance in ^{208}Tl ?”, *Phys. Rev. C*53 (1996) 2201.
12. C. Milani, C. Giambelli, F. Alasia, R.A. Broglia, G. Colò, H.E. Roman, “Evolution of the Plasmon Spectrum of $C_{28}H_n$ with the Passivation of Dangling Bonds”, *Chem. Phys. Lett.* 258 (1996) 559.
13. F. Ghielmetti, G. Colò, E. Vigezzi, P.F. Bortignon, R.A. Broglia, “The Spectral Line Shape of Exotic Nuclei”, *Phys. Rev. C*54 (1996) R2143.
14. T. Suzuki, H. Sagawa and G. Colò, “Spreading Width of the Isobaric Analog State and Isospin Mixing”, *Phys. Rev. C*54 (1996) 2954.
15. M. Bianchetti, M.R. Quaglia, G. Colò, P.M. Pizzochero, R.A. Broglia, P.F. Bortignon, “Competition Between Particle-Hole and Particle-Particle Correlations in Forbidden Electron Capture: the Case of ^{123}Te ”, *Phys. Rev. C*56 (1997) R1675.
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59. A. Carbone, G. Colò, A. Bracco, L. Cao, P.F. Bortignon, F. Camera, O. Wieland, “Constraints on the symmetry energy and neutron skins from pygmy resonances in ^{68}Ni and ^{132}Sn ”, *Phys. Rev. Lett.* (submitted).

B. Conferences and school proceedings

1. R.A. Broglia, G. Colò, A. Bracco, P.F. Bortignon, “Role of Giant Resonances in Nuclear Structure”, in “Understanding the Variety of Nuclear Excitations”, proceedings of the 3rd International Spring Seminar on Nuclear Physics, Ischia, May 21–25, 1990, edited by A. Covello, World Scientific, Singapore 1991, p. 719.
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3. G. Colò, P.F. Bortignon, N. Van Giai, A. Bracco, R.A. Broglia, “Direct Decay of Giant Resonances by Nucleon Escape”, in “6th International Conference on Nuclear Reaction Mechanism”, proceedings of the Conference, Varenna, June 10–15, 1991, p. 581.
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7. F. Alasia, R.A. Broglia, G. Colò, H.E. Roman and Ll. Serra, “Giant dipole resonance in fullerite from C₆₀ fullerene”, in “7th International Conference on Nuclear Reaction Mechanism”, proceedings of the Conference, Varenna, June 6–11, 1994, p. 371.
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