

**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  $^{208}\text{Pb}$ ”, *Fizika* 22 (1990) 267.
2. G. Colò, P.F. Bortignon, N. Van Giai, A. Bracco, R.A. Broglia, “Damping Properties of the Breathing Mode in  $^{208}\text{Pb}$ ”, *Phys. Lett.* B276 (1992) 279.
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  $\text{C}_{60}$ ”, *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  $^{208}\text{Bi}$ ”, *Phys. Rev.* C50 (1994) 1496.

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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  $^{208}\text{Tl}$  ?”, Phys. Rev. C53 (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. C54 (1996) R2143.
14. T. Suzuki, H. Sagawa and G. Colò, “Spreading Width of the Isobaric Analog State and Isospin Mixing”, Phys. Rev. C54 (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  $^{123}\text{Te}$ ”, Phys. Rev. C56 (1997) R1675.
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17. N. Breda, R.A. Broglia, G. Colò, H.E. Roman, F. Alasia, G. Onida, V.Yu. Ponomarev and E. Vigezzi, “Electron-Phonon Coupling in Charged Buckminsterfullerene”, Chem. Phys. Lett. 286 (1998) 350.

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