

COMPLETE LIST OF PUBLICATIONS
by Gianluca Colò

Books and Book Chapters

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).
2. G. Colò, “Nuclear Density Functional Theory (DFT)” in: Tanihata, I., Toki, H., Kajino, T. (eds) “Handbook of Nuclear Physics”, Springer, Singapore, 2022.
3. G. Colò, “Theoretical Methods for Giant Resonances”, in: Tanihata, I., Toki, H., Kajino, T. (eds) “Handbook of Nuclear Physics”, Springer, Singapore, 2022.

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.
2. G. Colò, P.F. Bortignon, N. Van Giai, A. Bracco, R.A. Broglia, “Damping Properties of the Breathing Mode in ^{208}Pb ”, *Phys. Lett. B* 276 (1992) 279.
3. R.A. Broglia, F. Alasia, G. Colò, H.E. Roman, Ll. Serra, “Oscillations of Finite Quantal Fermi Systems”, *Zeit. Phys. D* 31 (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.

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8. G. Colò, N. Van Giai, H. Sagawa, "Isovector properties of Skyrme-type effective interactions", Phys. Lett. B363 (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. 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. Ghilmetti, 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}Te ", Phys. Rev. C56 (1997) R1675.

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