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List of Publications

1. "Accessibility to the lower hybrid resonance" (<u>with</u> <u>G. Artico</u>), *Lett. Nuovo Cimento* **10** (1974), 257-261.

2. "On the accessibility to the lower hybrid resonance" (<u>with</u> <u>G. Artico</u>), *Plasma Physics*, No. 11 **16** (1974), 1103-1106.

   [DOI: https://doi.org/10.1088/0032-1028/16/11/009]

3. "Sulle radici dell'equazione: $AJ_\nu(x) + BxJ'_\nu(x) = 0$", *Atti Sem. Mat. Fis. Univ. Modena* **24** (1975), 399-419 (in Italian).

4. "General accessibility criterion in multi-component plasmas and effects of impurities" (<u>with</u> <u>G. Artico</u>), *Nuclear Fusion - Letters* **16**, No. 3 (1976), 542-546.

   [DOI: https://doi.org/10.1088/0029-5515/16/3/024]

5. "Sulle radici dell'equazione: $AC_\nu(x) + BxC'_\nu(x) = 0$", *Atti Sem. Mat. Fis. Univ. Modena* **27** (1978), 153-166 (in Italian). [Also Errata Corrige, *Atti Sem. Mat. Fis. Univ. Modena* **28** (1979), 248.]

6. "Una generalizzazione del teorema di A.C. Dixon", *Atti Accad. Sci. Torino Cl. Sci. Fis. Mat. Natur.* **113** (1979), 263-268 (in Italian).

7. "La struttura delle relazioni 'molto maggiore' e 'molto minore' nel calcolo approssimato", *Rend. Sem. Mat. Univ. Padova* **63** (1980), 27-39 (in Italian).

8. "Alcuni risultati sugli zeri delle funzioni cilindriche e delle loro derivate", *Rend. Sem. Mat. Univ. Politec. Torino* **38** (1980), 67-85 (in Italian).

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11. "The linear differential equation whose solutions are the products of solutions of two given differential equations", *J. Math. Anal. Appl.* **98** (1984), 130-147.

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13. "On the monotonic variation of the zeros of ultraspherical polynomials with the parameter", *Canad. Math. Bull.* **27** (4) (1984), 472-477.

14. "A stochastic model for lower hybrid wave scattering by density fluctuations" (with W. Grossmann), *Phys. Fluids.* **28** (6) (1985), 1783-1790.

15. "Numerical simulation for stochastic differential equations", Proc. Internat. AMSE Conference on Modelling & Simulation, Storrs, Connecticut, U.S.A., July 1-3, 1985 (A.M.S.E., Tassin La Demi Lune, France, 1985), Vol. 1, pp. 129-140 (invited paper).

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