

Victor A. Maroni

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Professional Experience

- **Present.** Argonne Distinguished Fellow, Argonne National Laboratory.

Education

- Ph.D., Chemistry, Princeton University, 1967.
- M.S., Chemistry, Princeton University, 1966.
- B.A., Chemistry, Worcester Polytechnic Institute, 1964.

Research interests

- Vibrational analysis of polyatomic molecules and lattices.
- Application of spectroscopic and synchrotron x-ray methods to the study of battery/fuel cell materials, molecular sieve catalysis, corrosion mechanisms, and superconductors.
- Preparation, physicochemical characterization, and microstructural examination of high-critical-temperature superconducting materials/structures.

Awards

- Member of a team that won the Council for Chemical Research Collaboration Success Award, (2000)
- American Chemical Society/Division of Fuel Chemistry Best Paper Award, (1990)
- R&D 100 Award, Research and Development Magazine, (1985)
- University of Chicago Distinguished Performance Award, (1979)

Professional Affiliations

- Society for Applied Spectroscopy
- Materials Research Society
- Sigma Xi
- Editorial Board of *Physica C: Superconductivity and Its Applications*

Publications

- More than 175 Peer-Reviewed Publications