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Education

1958-1961 – high school in Bucharest

1961-1966 – University of Bucharest, Faculty of Chemistry, specialization: Inorganic Chemistry

1976- Ph.D. Thesis "Complex compounds of 3d metallic ions with aminoalcohols and their derivatives" University "Politehnica" of Bucharest

Professional experience

Teaching assistant, lecturer – Department of Inorganic Chemistry and Technology
University POLITEHNICA" of Bucharest

Associated professor and professor - Department of Inorganic Chemistry- University of Bucharest

1997 – Advisor of Ph.D. Students – in Inorganic Chemistry domain

1990 – 2004 – head of Inorganic Chemistry Department - University "POLITEHNICA" of Bucharest

1997- Ph.D. Supervisor – Inorganic and Coordination Chemistry- Polytechnic University of Bucharest (supervised 16 Ph.D. students)

Teaching activities

Courses: Structural Inorganic Chemistry,

Inorganic Chemistry,

Transition Metals Chemistry,

Polynuclear Complex Compounds Chemistry,

Coordination Chemistry -Technical and Biological Applications

Scientific activities

Fields of interest and research

- synthesis, characterization and study of complex compounds properties (catalytically, magnetic, electrical, optoelectronic properties)
- nonconventional methods for nanomaterials preparation
- coordination compounds as models "in vitro" of the biological systems
- biomedical implications of d and f metal ions complexes

Publications

140 scientific papers, 4 books , 14 laboratory guides and/or books of problems and exercises,
3 Romanian patents†

35 national research projects, 2 international projects, 52 scientific communications

Professional memberships

Member of the Romanian Chemical Society

Member of Magnetic and Superconductive Materials Society, Romania

Member of Ceramic Materials , Romania

Member of Coordination Chemistry Division of Romanian Academy

I. Jitaru

16. dec. 2017