

Photo

CURRICULUM VITAE

Personal information

- **Personal**
 - Prof. Saber Mustapha ZENDAOUI
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Education

- **Ph.D.'s degree** in ... Theoretical Chemistry.....
- **Master's degree** in Inorganic chemistry
- **License's degree** inD.E.S chemistry.....

Functions and Affiliations

- Professor of Chemistry
- Research professor and member of the research unit URCHEMS
- Vice President of the Department of Material Sciences

Teaching modules

Molecular modeling, quantum chemistry,

International publications

- S Drideh, B Zouchoune, **S.M Zendaoui**, JY Saillard ; Electronic structure and structural diversity in indenyl in heterobinuclear transition-metal half-sandwich complexes ;*Theoretical Chemistry Accounts* ,137 (7), 99, 2018.
- H. Nemdili, B. Zouchoune, **M.S Zendaoui**, A. Ferhati, Structural, bonding and redox properties of 34-electron bimetallic complexes and their oxidized 32- and 33-electron and reduced 35- and 36- electron derivatives containing the indenyl fused π -system: A DFT overview, *Polyhedron*,160 ,219-228, 2019.
- S.Saouli , Ilhem Selatnia , B. Zouchoune, A.Sid,,**S.M.Zendaoui**, C.Bensouici , E.Bendeif, Synthesis, spectroscopic characterization, crystal structure, DFT studies and biological activities of new hydrazone

derivative: 1-(2,5- bis((E)-4-isopropylbenzylidene)cyclopentylidene)-2-(2,4- dinitrophenyl) hydrazine, Journal of Molecular Structure, 1213, 128203, 2020.

- S.Mecheri · B.Zouchoune · **S.M.Zendaoui**, Bonding and electronic structures in dinuclear (X)[(Ind)M₂L₂] complexes (M = Ni, Pd, L = CO, PEt₃, X = Cl, Allyl, Ind = indenyl, Cp = cyclopentadienyl): analogy between four-electron donor ligands, Theoretical Chemistry Accounts.139, 12, 2020.

Interests and Qualifications

Sports - scientific research - reading - languages