

CURRICULUM VITAE

Conferețiar Dr. Violeta TUDOR

NUME: TUDOR
PRENUME: VIOLETA
ADRESA E-MAIL: tudor.violeta@unibuc.ro
DATA NAȘTERII: 27 Iulie 1958
POZIȚIA DIDACTICĂ Conferențiar universitar, Dr.
DOMENII DE COMPETENȚĂ :

- Sinteza complecșilor polimetalici (sinteza rațională);
- Clusteri;
- Chimie supramoleculară

CURSURI PREDATE:

- Chimia metalelor
- Atmosfera și calitatea aerului

CĂRȚI PUBLICATE:

1. “**Basés théoriques de la chimie de composés de coordination**”, tipărită la Editura Universității din București în anul 1999;
2. “**Caiet de lucrări practice – Chimia metalelor - pentru studenții anului II, secția Chimia mediului**”, Editura Universității din București – 2008.

LISTA PUBLICAȚIILOR:

1. Carbonic anhydrase inhibitors. Part 21. Arylsulfonyl hydrazides and their Cu(II) complexes are non-competitive isozyme II inhibitors.
C.T. Supuran, Veronica Mironov, **Violeta Tudor**, M.D. Banciu
Rev. Roum. Chim.,**39**(5), 1994.
2. Polynuclear sulphatocomplexes. I .The [Fe(II)Cu₄(II)(SO₄)₈(N₂H₄)₆] complex.
Maria Brezeanu, C.I. Lepadatu, C. Turta, Elena Cristurean, **Violeta Tudor**, Veronica Mironov
Rev. Roum. Chim.,**39**(11), 1994.

3. A bimetallic copper-lanthanum pentanuclear compound containing hydrazinium and sulphate as ligands

Violeta Tudor, Veronica Mironov, Maria Brezeanu, M. Andruh, Aura Meghea

Ann. Univ. Buc., Anul IV (serie noua), 1995.

4. Carbonic anhydrase inhibitors. Part.22. 4-Toluenesulfonylhydrazide complexes with Ni(II) and Pd(II) are dual isozyme II inhibitors.

C.T. Supuran, Veronica Mironov, **Violeta Tudor**

Rev. Roum.Chim., **41**(3-4), 1996.

5. Combinatii complexe polinucleare cu atomi centrali de Fe(II) si Cu(II) (partea I).

Veronica Mironov, **Violeta Tudor**

Rev. Chim., **47**(9), 1996.

6 . Combinatii complexe polinucleare cu atomi centrali de Fe(II) si Cu(II) (partea II)

Veronica Mironov, **Violeta Tudor**

Rev. Chim., **47**(12), 1996.

7. Complexes with biologically active ligands. Part VI. Ni(II) coordination compounds of hydrazine and heterocyclic sulfonamides as inhibitors of the zinc enzyme carbonic anhydrase.

J. Borrás, J. Casanova, T. Cristea, A. Gheorghe, A. Scozzafaro, C. T. Supuran, **Violeta Tudor**

Metal Bases Drugs, **3**, 143-148, 1996.

8. Synthesis and characterisation of a complex heteropolynuclear combination of Cu(II) and Cr(II) ions.

Violeta Tudor, Veronica Mironov

Ann. Univ. Buc., anul VI (serie noua), 1997.

9. A bimetallic compound copper-neodymium pentanuclear compound containing hydrazinium and sulphate as ligands.

Veronica Pop, **Violeta Tudor**

Ann. Univ. Buc., anul VI (serie noua), 1997.

10. Combinatii complexe polinucleare formate de anionul trioxalatocromat(III) cu ioni metalici d^{10} .

Veronica Pop, **Violeta Tudor**

Rev. Chim., **48**(4), 1997.

11. Synthesis and characterisation of two binuclear complexes of Co^{II} and Ni^{II} with hydrazine and triethanolamine.

Violeta Tudor, C. I. Lepadatu, Veronica Pop, Adriana Gheorghe, Nicolae Stanica, Maria Plavet and Maria Brezeanu

Rev. Roum. Chim., **46**(1), 2001.

12. Synthesis and Spectroscopic Studies of Co^{II} and Ni^{II} Mixed Ligands Complexes with 4,4'-Bipyridine and Hydrazine

Violeta Tudor, Fania Cimpoesu, *Veronica Pop, Adriana Gheorghe and Nicolae Stanica*

Rev. Roum. Chim., **46**(6), 2001.

13. Intramolecular versus intermolecular exchange pathways in the binuclear complex [Cu₂(H₂tea)₂(4,4'-bipy)](ClO₄)₂·3H₂O (H₃tea = triethanolamine and 4,4'-bipy = 4,4'-bipyridine)

Violeta Tudor, Victor Kravtsov, Miguel Julve, Francesc Lloret, Yurii A. Simonov, Janusz Lipkowski, Viorel Buculei, Marius Andruh

Polyhedron, **20**, 2001.

14. Strategy for the Synthesis of Some Binuclear Co(II) and Ni(II) Complexes

Violeta Tudor, F. Cimpoesu, Adriana Gheorghe and N. Stanica

Analele Universitatii Bucuresti, Anul XI (serie noua) - 2002, vol. II.

15. Alkoxo-bridged binuclear copper(II) complexes as nodes in constructing extended structures

Violeta Tudor, Geanina Marin, Victor Kravtsov, Yurii A. Simonov, Janusz Lipkowski, Maria Brezeanu, Marius Andruh

Inorg. Chim. Act., 353 (2003) 35-42.

16. Extended Structures Constructed from Alkoxo-Bridged Binuclear Complexes as Nodes and Bis(4-pyridyl)ethylene as a Spacer

Geanina Marin, **Violeta Tudor**, Victor Ch. Kravtsov, Marc Schmidtman,

Yurii A. Simonov, Achim Müller, and Marius Andruh

Crystal Growth & Design, Vol. 5, No. 1, 2005, p.279.

17. A new ferromagnetically coupled μ -alkoxo- μ -acetato copper(II) trinuclear complex: $[\text{Cu}_3(\text{H}_2\text{tea})(\text{Htea})(\text{CH}_3\text{COO})_2](\text{ClO}_4)$ (H_3tea = triethanolamine)

Violeta Tudor, Victor Ch. Kravtsov, Miguel Julve, Francesc Lloret, Yurii A. Simonov, Boris B. Averkiev, Marius Andruh

Inorganica Chimica Acta, **358**, 2005, p. 2066-2072.

18. *The synthesis and characterization of some heteroleptic complex combinations of Co(II) and Ni(II) with phenylhydrazine and acetate anions.*

V. Tudor, A. Gheorghe, N. Stanica, M. Plavet, M. Brezeanu. *Rev. Chim. (Bucuresti)*, 56, 7, 722-725, 2005.

19. *Combinatii complexe ale Co(II) cu hidrazina si sulfonamide,*

V. Tudor, A. Gheorghe, N. Stanica, M. Plavet, M. Brezeanu., *Rev. Chim. (Bucuresti)*, 57, 2, 175-179, 2006.

20. *Supramolecular copper(ii) dimers resulted from hydrogen bond interactions: synthesis, crystal structures and magnetic properties*

Violeta Tudor^a, Geanina Marin^a, Victor Kravtsov^b, Yurii A. Simonov^b, Miguel Julve^c, Francesc Lloret^c and Marius Andruh^a

Rev. Roum. Ch., 51, 5, 2006.

21. *Coordination Polymers Constructed from alkoxo-bridged nodes and exo-bidentate Ligands*

Geanina Marin, Victor Kravtsov, Yurii A. Simonov, **Violeta Tudor**, Yanusz Lipkowski, Marius Andruh

Journal of Molecular Structure, 796 (2006) 123-128.

22. *New alkoxo-bridged mixed-valence cobalt clusters: Synthesis, crystal structures and magnetic properties*

Violeta Tudor, Geanina Marin, Francesc Lloret, Victor Ch. Kravtsov, Yurii A. Simonov, Miguel Julve, Marius Andruh,

Inorganica Chimica Acta, 361 (2008) 3446–3452.