

## Listă de lucrări științifice

### Articole publicate în reviste din fluxul științific internațional principal:

1. *New ionic  $\{2-(Me_2NCH_2)C_6H_4\}(R)Sn\{(EPh_2)_2N\}[(EPh_2)_2N]$  ( $R=2-(Me_2NCH_2)C_6H_4$ ,  $nBu$ ;  $E=O, S, Se$ ) compounds. Solution behavior and solid state structure.*

**E. Denes**, L. Marongiu, M. Arca, V. Lippolis, A. Silvestru, *J. Organomet. Chem.* 963 (2022) 122282. <https://doi.org/10.1016/j.jorganchem.2022.122282> (Factor de impact 2020: 2,369)

2. *Exploring Cyclic Aminopolycarboxylate Ligands for Sb(III) Complexation: PCTA and Its Derivatives as a Promising Solution*

E. Tóth-Molnár, N. Lihi, Gy. T. Gál, S. De, P. Bombicz, I. Bányai, D. Szikra, **E. Dénes**, Gy. Tircsó, I. Tóth, F. K. Kálmán, *Inorg. Chem.* 60 (2021) 14253-14262.

<https://doi.org/10.1021/acs.inorgchem.1c01765> (Factor de impact 2020: 5,165)

3. *New hypercoordinated triaryltelluronium derivatives of organophosphorus ligands. Synthesis and structural characterization*

**E. Denes**, M. Vlassa, C. Silvestru, A. Silvestru, *Rev. Roum. Chim.* 66 (2021) 33-40.

DOI: 10.33224/rrch.2021.66.1.03 (Factor de impact 2020: 0,278)

4. *Hypercoordinated triorganotellurium(IV) derivatives of chalcogen-centred organophosphorus ligands*

**E. Denes**, A. Beleagă, A. Silvestru, *Inorg. Chim. Acta* 511 (2020) 119841.

<https://doi.org/10.1016/j.ica.2020.119841> (Factor de impact 2020: 2,545)

5. *New hypercoordinated organoantimony(V) bromides. Synthesis and structural characterization*

**E. Denes**, C. Lindorfer, L. Dragomir, C. Raț, A. Silvestru, *Rev. Roum. Chim.* 65 (2020) 587-593.

DOI: 10.33224/rrch.2020.65.6.09 (Factor de impact 2020: 0,278)

6. *Experimental evidence for hypercoordination in triorganotelluronium halides with 2-( $Me_2NCH_2$ ) $C_6H_4$  groups*

A. Beleagă, **E. Denes**, C. Silvestru, A. Silvestru, *New. J. Chem.* 43 (2019) 11585-11595.

<https://doi.org/10.1039/C9NJ02530H> (Factor de impact 2019: 3,288)

7. *Cobalt(II) complexes of organophosphorus ligands with XPNSO skeleton ( $X = O, S$ ). Solid state structure and solution behavior*

**E. Denes**, A. Pöllnitz, F. Cziple, M. Vlassa, A. Silvestru, *Inorg. Chim. Acta* 444 (2016) 23-28.

<https://doi.org/10.1016/j.ica.2016.01.018> (Factor de impact 2016: 2,002)

**Teza de doctorat:**

Domeniul: Chimie

Titul: *Solution behaviour and solid state structure of new main group (Sn, Pb, Te) compounds with organophosphorus ligands*

Coordonator științific: Prof. Dr. Ing. Anca SILVESTRU

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