

CURRICULUM VITAE

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Locul și data nașterii: Câmpina, Prahova, 14.06.1950

Titluri științifice: doctor

Poziția actuală: profesor, conducere doctorat

Domenii de competență:

Termodinamica fenomenologică și statistică;

Termodinamica proceselor ireversibile – reacții neizoterme;

Energetică chimică, implicații energetice în evoluția unor procese fizice, chimice și biochimice fundamentale;

Echilibre de fază

Analiză termică și calorimetrie dinamică diferențială

Cursuri ținute:

Termodinamică chimică

Termodinamica proceselor ireversibile

Termodinamica soluțiilor

Energetică chimică

Combustie și poluare

Chimia fizică a cristalelor lichide

Organizații profesional – științifice

Membru Societatea de Chimie din România

Comisia de Calorimetrie și Analiză Termică a Academiei Române

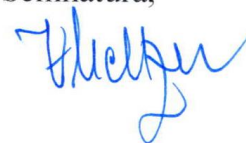
Articole reprezentative

1. Physico-chemical study of norfloxacin and metronidazole binary mixtures, Daniela-Crina Salceanu, Elena Pincu, Giovanna Bruni, Amedeo Marini, **Viorica Meltzer***, J. Therm. Anal. Calorim., 132,2,1095-1103, 2018
2. E-beam radiation synthesis of xanthan-gum/carboxymethylcellulose superabsorbent hydrogels with incorporated graphene oxide Ion Calina, Maria Demeter, Catalin Vanceaa, Anca Scarisoreanua and **Viorica Meltzer**, Journal of macromolecular science, part a: pure and applied chemistry, 55 (3), 260-268, 2018, IF(2016) 0,963

3. Dielectric properties of multiwall carbon nanotube-epoxy composites, :Palade, S.; Pantazi, A.; Berbecaru, C.; Vajaiac, E.; Stefan, A.; Matei, A.; **Meltzer, V.**; Pincu, E.; Dragoman, D., *Journal of Optoelectronics and Advanced Materials*, 17 (9-10), 1325-1332, 2015 IF(2014) 0,429
4. Network structure studies on γ -irradiated Collagen-PVP superabsorbent hydrogels, Maria Demeter; Marian Virgolici; Catalin Vancea; Anca Scarisoreanu; Madalina Georgiana Albu ; **Viorica Meltzer***, *Radiation Physics and Chemistry*, 131, 51-59, 2017, IF(2015 - 2016) 1,43
5. New polymeric composites for heat transfer, Edina Rusen, Toma Doina, Alexandra Mocanu, **Viorica Meltzer**, Elena Pincu, Alina Popescu, Laura Chirila, Ioan Calinescu, Aurel Diacon, *Colloid and Polymer Science*, 293, 2593–2598, 2015 IF(2014) 1,865
6. Mechanical properties of multiwall carbon nanotube-epoxy composites, Vajaiac, E., Palade, S., Pantazi, A., Stefan, A., Pelin, G., Baran, D., Ban, C., Purica, M., **Meltzer, V.**, Pincu, E., Berbecaru, C., Dragoman, D., *Digest Journal of Nanomaterials and Biostructures*, 10(2), 359-369, 2015 IF(2014) 0,945
7. Electrodeposition of Polypyrrole on Carbon Nanotubes/Si in the Presence of Fe Catalyst for Application in Supercapacitors, Prioteasa Paula; Marinescu Virgil, Bara, Adela, Iordoc, Mihai, Teisanu Aristofan, Banciu Cristina, **Meltzer, Viorica**, *Revista de Chimie*, 2015, 66(6) 820-824, (I.F:0,81).
8. Solid-state study of Captopril and Metoprolol Tartrate binary system, Daniela-Crina Marinescu, Elena Pincu, Petruta Oancea, Giovanna Bruni, Amadeo Marini, **Viorica Meltzer***, *Journal of Thermal Analysis and Calorimetry*, 120(1), 829-837, 2015 IF(2014) 2,042
9. Thermogravimetric and calorimetric study of cellulose paper at low doses of gamma irradiation, Ioan Valentin Moise, Ioana Stanculescu, **Viorica Meltzer***, *Journal of Thermal Analysis and Calorimetry*, 115 (2), 1417-1425, 2014 (I.F:2,042).
10. Thermodynamic study of binary system Propafenone Hydrochloride with Metoprolol Tartrate: Solid–liquid equilibrium and compatibility with α -lactose monohydrate and corn starch, Daniela- Crina Marinescu, Elena Pincu, **Viorica Meltzer***, *International Journal of Pharmaceutics*, 448, 366 – 372, 2013 IF (2012) 3.458

11. Thermal and spectral characterization of a binary mixture (acyclovir and fluocinolone acetonide): Eutectic reaction and inclusion complexes with β -cyclodextrin, Daniela-Crina Marinescu, Elena Pincu, Ioana Stanculescu, **Viorica Meltzer***, *Thermochimica Acta*, 560, 104–111, 2013; IF (2012) 1.989
12. Thermodynamic study of binary mixture of citric acid and tartaric acid, **Viorica Meltzer***, Elena Pincu, *Central European Journal of Chemistry* 10(5) 2012, 1584-1589, (I.F:1,167).
13. Spectroscopic and thermodynamic studies of 7-diethylamino-coumarin-3-carboxylic acid in interaction with β - and 2-hydroxypropyl- β -cyclodextrins, Cristina Tablet, Iulia Matei, Elena Pincu, **Viorica Meltzer**, Mihaela Hillebrand, *Journal of Molecular Liquids*, 168, 2012, 47–53, (I.F:1,684).
14. Thermal analysis of binary liquid crystals eutectic system cholesterol *p*-phenoxi phenyl carbamate–cholesterol *p*-biphenyl carbamate, Daniela-Crina Marinescu, Elena Pincu, **Viorica Meltzer***, *Journal of Thermal Analysis and Calorimetry*, 110, 2012, 985-990, (I.F:1,982).
15. Thermal analysis of binary liquid crystals eutectic system cholesterol *p*-phenoxi phenyl carbamate–cholesterol *p*-biphenyl carbamate, Daniela-Crina Marinescu, Elena Pincu, **Viorica Meltzer***, *Journal of Thermal Analysis and Calorimetry*, 110, 2012, 985-990, (I.F:1,982).
16. Thermodynamic study of solvent-free reaction between 17-methyltestosterone and *o*-aminophenol, **Viorica Meltzer**, Elena Pincu, *Journal of Chemical Thermodynamics*, 43, 1011–1016, 2011, (I.F:2,422).
17. A DSC study for binary mixture of 2-chlorobenzoic acid with salicylic acid, **Viorica Meltzer** and Elena Pincu, *Revue Roumaine de Chimie*, 54(5), 333-338, 2009, (I.F:0,263).

Semnătura,



Data 30.11.2018