

LISTA PUBLICAȚII – CODRUTA SOICA

I. TEZA DE DOCTORAT – 2007 UMF Tirgu-Mures, Disciplina Chimie Farmaceutică, Conducător doctorat: Prof. Dr. Gyeresi Arpad

“Obținerea și analiza complexilor de incluziune ai unor diuretice cu ciclodextrine” – susținere publică 02.02.2007

II. PUBLICAȚII*

A. Cărți și/sau monografii

1. Codruta Soica, Florin Borcan, Cristina Trandafirescu, **Chimia și acțiunea antisepticelor și dezinfectantelor**, Victor Babeș, Timișoara, 2013, 176 pagini, ISBN 978-606-8456-20-1
2. Codruța Soica, Cristina Trandafirescu, **Chimie Farmaceutică. Medicația aparatelor și sistemelor. Volumul I**, Victor Babeș, Timișoara, 2013, 210 pagini, ISBN 978-606-8456-24-9, Vol. I: 978-606-8456-21-8
3. Cristina A. Dehelean, Corina Danciu, Georgeta M. Simu, Codruța M. Șoica, **Elemente de metodologia cercetării științifice**, Ed. Victor Babeș Timișoara, 2013 ISBN 978-606-8456-13-3.

Alte cărți de specialitate relevante:

4. **Codruța Șoica** – Chimie Farmaceutică – Terapia cu antibiotice antibacteriene. Note de curs, Ed. Mirton, Timișoara, ISBN 978-973-52-0244-6, 251 pg., 2007
5. A. Grozav, Cristina Trandafirescu, **Codruța Șoica**, V. Gogonea, D. Ciubotariu – Noțiuni de Chimie Farmaceutică, Ed. Mirton, Timișoara, recunoscută CNCSIS, ISBN 973-585-574-7, 470 pg., 2001
6. **Codruța Șoica**, Cristina Trandafirescu, Cristina Pătrușescu – Chimie Farmaceutică. Lucrări practice de laborator, Ed. Mirton, Timișoara, ISBN 978-973-52-0461-7, recunoscută CNCSIS, ISBN 978-973-52-0461-7, 229 pg., 2008
7. Cristina Trandafirescu, **Codruța Șoica** – Chimie Farmaceutică. Lucrări practice, Ed. Mirton, Timișoara, recunoscută CNCSIS, ISBN 978-973-52-0149-4, 108 pg., 2007.

B. Capitole de carte

1. **Codruța Șoica***, Cristina Trandafirescu, Florin Borcan, Corina Danciu, Georgeta Simu and Cristina Dehelean, Chapter 2, Nanoformulations with Cyclodextrins as Carriers for Skin

Targeting of Active Drugs, Editor: Bhupinder Singh Bhoop, Executive editor: J.N. Govil, Biotechnology, Drug Delivery & Vol. 8, Series ISBN: 1-62699-015-8, Vol. ISBN: 1-62699-023-9, pp. 29-56, 2014

2. Corina Danciu, Cristina Dehelean and **Codruta Soica**, Chapter 2, Natural Compound Genistein: From Consecrated to New Utilizations and Formulations, Editor: K.K. Bhutani, Executive editor: J.N. Govil, Biotechnology, Drug Discovery & Vol. 7, Series ISBN: 1-62699-015-8, Vol. ISBN: 1-62699-022-0, pp. 43-61, 2014

3. **Codruța Șoica***, Diana Antal*, Florina Andrica, Roxana Băbuța, Alina Moacă, Florina Ardelean, Roxana Ghiulai, Stefana Avram, Corina Danciu, Dorina Coricovac, Cristina Dehelean, Lupan-Skeleton Pentacyclic Triterpenes With Activity Against Skin Cancer: Preclinical Trials Evolution, in: Unique Aspects of Anti-cancer Drug Development, InTechOpen, ISBN 978-953-51-5240-8, 2017, 87-114.

4. Danciu Corina, **Soica Codruta**, Antal Diana, Alexandra Popescu, Stefana Avram, Roxana Ghiulai, Ioana Zinuca Pavel, Minda Daliana, Cristina Dehelean, An Update Of Natural Compounds And Their Modern Formulations For The Management Of Malignant Melanoma in: Natural Products and Cancer Drug Discovery, InTechOpen, ISBN 978-953-51-5277-4, 2017, pp.211-253.

5. Corina Danciu, Diana Simona Antal, Florina Ardelean, Aimée Rodica Chiș, **Codruța Șoica**, Florina Andrica, Cristina Dehelean, New Insights Regarding The Potential Health Benefits Of Isoflavones in: Flavonoids - from biosynthesis to human health, ISBN 978-953-51-5338-2, 2017, pp. 257-286.

6. **Soica C**, Pinzaru I, Trandafirescu C, Andrica F, Danciu C, Mioc M, Coricovac D, Sitaru C, Dehelean C. Silver-, gold-, and iron-based metallic nanoparticles: Biomedical applications as theranostic agents for cancer. In: “Design of Nanostructures for Theranostics Applications”, book edited by Alexandru Mihai Grumezescu, ISBN: 978-0-12-813669-0. Elsevier 2018, pp. 161-242.

C. LUCRĂRI ȘTIINȚIFICE ÎN REVISTE ISI CU FACTOR DE IMPACT

C1. Articole publicate în extenso în reviste de circulație internațională recunoscute

Autor principal

1. Chioibas, Raul, Borcan, Florin, Mederle, Ovidiu, Stoian, Dana, **Soica, Codruta**. (2019). Comparative Characterization of Different Samples Containing Nano-ZnO Particles with Applicability in Topical Therapies. *Materiale Plastice*. 56. 56. 10.37358/MP.19.3.5248.
2. Duca, A ; Borcan, F; Muntean, DM ; Alexa, EC; **Soica, CM**, Formulation and Characterization of Polyurethane Microstructures with Propolis Extract, *Materiale Plastice*, 56(2), 321-323, 2019
3. Trandafirescu, C, Ledeti, I, **Soica, C**, Ledeti, A, Vlase, G, Borcan, F, Dehelean, C, Coricovac, D, Racoviceanu, R & Aigner, Z 2019, 'Albendazole-cyclodextrins binary systems: Thermal and spectral investigation on drug-excipient interaction', *Journal of Thermal Analysis and Calorimetry*. <https://doi.org/10.1007/s10973-019-08326-1>
4. Mioc A, Mioc M, Ghiulai R, Voicu M, Babuta R, Trandafirescu C, Dehelean C, Coricovac D, Soica CM Gold nanoparticles as targeted delivery systems and theranostic agents in cancer therapy. *Curr Med Chem*. 2019 May 6. doi: 10.2174/0929867326666190506123721. [Epub ahead of print]
5. Mioc, M., Avram, S., Bercean, V., Kurunczi, L., Ghiulai, R. M., Oprean, C., Coricovac, D. E., Dehelean, C., Mioc, A., Balan-Porcarasu, M., Tatu, C., ... **Soica, C.** (2018). Design, Synthesis and Biological Activity Evaluation of S-Substituted 1*H*-5-Mercapto-1,2,4-Triazole Derivatives as Antiproliferative Agents in Colorectal Cancer. *Frontiers in chemistry*, 6, 373. doi:10.3389/fchem.2018.00373, FI 4,155
6. Nicolov M, Ghiulai RM, Voicu M, Mioc M, Duse AO, Roman R, Ambrus R, Zupko I, Moaca EA, Coricovac DE, Farcas C, Racoviceanu RM, Danciu C, Dehelean CA, Soica C. Cocystal Formation of Betulinic Acid and Ascorbic Acid: Synthesis, Physico-Chemical Assessment, Antioxidant, and Antiproliferative Activity. *Front Chem*. 2019 Feb 21;7:92. doi: 10.3389/fchem.2019.00092. PubMed PMID: 30847340; PubMed Central PMCID: PMC6393380.
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