

### ISI published papers included in the thesis

1. **Stoica, A.E.**; Bîrca, A.C.; Gherasim, O.; Ficai, A.; Grumezescu, A.M.; Oprea, O.-C.; Vasile, B.S.; Balta, C.; Andronescu, E.; Hermenean, A.O. Electrospun Fibrous Silica for Bone Tissue Engineering Applications. *Pharmaceutics* 2023, 15, 1728 **Q1 IF=5.4**
2. **Stoica, A.E.**; Albulet, , D.; Bîrca, A.C.; Iordache, F.; Ficai, A.; Grumezescu, A.M.; Vasile, B.S.; Andronescu, E.; Marinescu, F.; Holban, A.M. Electrospun Nanofibrous Mesh Based on PVA, Chitosan, and Usnic Acid for Applications in Wound Healing. *Int. J. Mol. Sci.* 2023, 24, 11037. **Q1 IF=5.6**
3. **Stoica, A.E.**; Bîrca, A.C.; Mihaiescu, D.E.; Grumezescu, A.M.; Ficai, A.; Herman, H.; Cornel, B.; Rosu, M.; Gharbia, S.; Holban, A.M.; et al. Biocompatibility and Antimicrobial Profile of Acid Usnic-Loaded Electrospun Recycled Polyethylene Terephthalate (PET)—Magnetite Nanofibers. *Polymers* 2023, 15, 3282. **Q1 IF=5.0**

<b>IF = 16</b>
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### ISI published papers related to the thesis

4. **Stoica, A.E.**; Chircov, C.; Grumezescu, A.M. Nanomaterials for Wound Dressings: An Up-to-Date Overview. *Molecules* 2020, 25, 2699. **Q2 IF=4.6**
5. **Stoica, A.E.**; Chircov, C.; Grumezescu, A.M. Hydrogel Dressings for the Treatment of Burn Wounds: An Up-To-Date Overview. *Materials* 2020, 13, 2853. **Q2 IF=3.4**
6. **Stoica, A.E.**; Grumezescu, A.M.; Hermenean, A.O.; Andronescu, E.; Vasile, B.S. Scar-Free Healing: Current Concepts and Future Perspectives. *Nanomaterials* 2020, 10, 2179. **Q1 IF=5.3**
7. **Stoica, A.E.**; Birca, A.C.; Pitigoi, M.L.; Grumezescu, A.M.; Vasile, B.S.; Holban, A.M.; Iordache, F.; Ficai, A.; Andronescu, E. Bioactive zinc oxide, egg albumin and cinnamon oil collagen, dressing, - accepted for publication in *U.P.B. Sci. Bull.* **Q4 IF=0.5**

### ISI published papers during PhD studies

8. Vasile, B.S.; Nicoara, A.-I.; Surdu, V.-A.; Ene, V.L.; Neacsu, I.A.; **Stoica, A.E.**; Oprea, O.; Boerasu, I.; Trusca, R.; Vrabec, M.; et al. Fly-Ash Evaluation as Potential EOL Material Replacement of Cement in Pastes: Morpho-Structural and Physico-Chemical Properties Assessment. *Materials* 2022, 15, 3092. **IF=3.4**
9. Nicoara, A.I.; **Stoica, A.E.**; Ene, D.-I.; Vasile, B.S.; Holban, A.M.; Neacsu, I.A. In Situ and Ex Situ Designed Hydroxyapatite: Bacterial Cellulose Materials with Biomedical Applications. *Materials* 2020, 13, 4793. **IF=3.4**
10. Docea, A.O.; Calina, D.; Buga, A.M.; Zlatian, O.; Paoliello, M.M.B.; Mogosanu, G.D.; Streba, C.T.; Popescu, E.L.; **Stoica, A.E.**; Bîrcă, A.C.; et al. The Effect of Silver Nanoparticles on Antioxidant/Pro-Oxidant Balance in a Murine Model. *Int. J. Mol. Sci.* 2020, 21, 1233. **IF=5.6**
11. Nicoara, A.I.; **Stoica, A.E.**; Vrabec, M.; Šmuc Rogan, N.; Sturm, S.; Ow-Yang, C.; Gulgun, M.A.; Bundur, Z.B.; Ciuca, I.; Vasile, B.S. End-of-Life Materials Used as Supplementary Cementitious Materials in the Concrete Industry. *Materials* 2020, 13, 1954. **IF=3.4**
12. Grumezescu, A.M.; **Stoica, A.E.**; Dima-Bălcescu, M.-Ș.; Chircov, C.; Gharbia, S.; Baltă, C.; Roșu, M.; Herman, H.; Holban, A.M.; Ficaș, A.; et al. Electrospun Polyethylene Terephthalate Nanofibers Loaded with Silver Nanoparticles: Novel Approach in Anti-Infective Therapy. *J. Clin. Med.* 2019, 8, 1039. **IF=3.9**
13. Neacsu, I.A.; **Stoica, A.E.**; Vasile, B.S.; Andronescu, E. Luminescent Hydroxyapatite Doped with Rare Earth Elements for Biomedical Applications. *Nanomaterials* 2019, 9, 239. **IF=5.3**

<b>IF cumulative = 54.8</b>
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PhD Student

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PhD Supervisor

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