

LISTĂ DE LUCRĂRI

ARTICOLE PUBLICATE ISI

1. Ramona-Daniela Păvăloiu, **Fawzia Sha'at**, Corina Bubueanu, Mihaela Deaconu, Georgeta Neagu, Mousa Sha'at, Mihai Anastasescu, Mona Mihailescu, Cristian Matei Gheorghe Nechifor and Daniela Berger, *Polyphenolic extract from Sambucus ebulus L. leaves free and loaded into lipid vesicles* - Revista Nanomaterials, **2020**, Vol. 10, No. 1, 56 (FI = 4,324)
2. Lucia Pirvu, **Fawzia Sha'at**, Ramona Pavaloiu, Denisa Ioana Udeanu, Bujor Albu, *Studies on Acinos alpines L.; polyphenols and bitter compounds profile, antimicrobial activity, antioxidant effect and release experiments on the ethanol and propylene glycol extracts* – Revista Farmacia, **2019**, Vol. 67, No. 6, pp. 1025-1033, (FI =1,527)
3. Ramona-Daniela Pavaloiu, **Fawzia Sha'at**, Corina Bubueanu, Cristina Hlevca, Gheorghe Nechifor, *Design and evaluation of a delivery system based on liposomes for Armoracia rusticana extract* - Revista de Chimie **2019**, Vol. 70, No. 7, pp. 2347-2349 (FI =1,605)
4. Ramona-Daniela Păvăloiu, **Fawzia Sha'at***, Corina Bubueanu, Georgeta Neagu, Adrian Albulescu, Cristina Hlevca, Gheorghe Nechifor, *Release of polyphenols from liposomes loaded with Echinacea purpurea* - Revista de Chimie, **2018**, Vol. 69, No. 9, pp. 2315-2316 (FI =1,605), ***autor corespondent**
5. **Fawzia Sha'at***, Ramona-Daniela Pavaloiu, Daniela-Crina Salceanu, Cristina Hlevca, Gheorghe Nechifor, *Evaluation of AML-VAL nanoparticles as combined therapy in cardiovascular disease-* Revista Materiale Plastice, **2018**, Vol. 54, No. 3, pp. 299-302, (FI = 1,393), ***autor corespondent**
6. **Fawzia Sha'at***, Ramona-Daniela Pavaloiu, Daniela-Crina Salceanu, Cristina Hlevca, Gheorghe Nechifor, *Formulation of polymeric multicomponent systems containing cardiovascular APIs* -- Revista Materiale Plastice, **2018**, Vol. **55**, No. 1, pp. 121-123 (FI = 1,393), ***autor corespondent**
7. Lucia Pirvu, **Fawzia Sha'at***, Luminita-Claudia Miclea, Tudor Savopol, Georgeta Neagu, Denisa Ioana Udeanu, Mihaela Georgeta Moiescu, *Polygonum bistorta L. Herba et flores. Polyphenols profile, antioxidant properties and cytotoxic effect on murine fibroblast cell line NIH3T3* - Revista Farmacia, **2017**, Vol. 65, No.4, pp. 571576 (FI = 1,348), ***autor corespondent**

ARTICOLE PUBLICATE BDI

1. **Fawzia Sha'at***, Ramona-Daniela Pavaloiu, Cristina Hlevca, Mousa Sha'at, Daniela Berger, Gheorghe Nechifor, *In vitro release kinetics of poorly water-soluble cardiovascular drugs from PEG - nanoparticles* – U.P.B. Sci. Bull., Series B, **2020**, Vol. 82, Iss. 1, pp. 103-112. ***autor corespondent**
2. Elena Mihai (Drăghici), Ramona-Daniela Păvăloiu, **Fawzia Sha'at**, Maria Pele, *Effect of various extraction methods on peanut protein extraction efficiency*, Scientific Bulletin. Series F. Biotechnologies, **2020**, Vol. XXIV, No. 1, 2020 ISSN 2285-1364, CD-ROM ISSN 2285-5521, ISSN Online 2285-1372, ISSN-L 2285-1364, pp.39-44

3. Ramona-Daniela Păvăloiu, **Fawzia Sha'at**, Mousa Sha'at, Gheorghe Nechifor, *Intracellular uptake study of polymeric nanoparticles loaded with cardiovascular drugs using confocal laser scanning microscopy* - Proceedings - [The 24th International Electronic Conference on Synthetic Organic Chemistry](#) session [Polymer and Supramolecular Chemistry](#), **2020**, DOI: 10.3390/ecsoc-24-08427
4. Ramona-Daniela Păvăloiu, **Fawzia Sha'at**, Cristina Hlevca, Mousa Sha'at, Claudia Sevcenco, Maria Petrescu, Mihaela Eremia, Misu Moscovici, *Preliminary evaluation of pullulan nanoparticles loaded with valsartan*, **2020**, Proceedings - [The 24th International Electronic Conference on Synthetic Organic Chemistry](#) session [Polymer and Supramolecular Chemistry](#), DOI: 10.3390/ecsoc-24-08428
5. Lucia Pirvu, Bujor Albu, Sultana Nita, **Fawzia Sha'at**, Ramona-Daniela Pavaloiu, Cristina Bazdoaca, Adela Staras, Bianca Tihauan, Crina Maria Kamerzan, Alina Perisoara, *Epilobium hirsutum L. and Malva neglecta L. Propylene glycol extracts for cosmetic use; chemical composition, microbiological stability and diffusion aspects* – Sch. Acad. J. Pharm., **2019**, Vol. 8, No. 8, ISSN 2347-9531 (print), ISSN 2320-4206 (online), pp. 424-432
6. Corina Bubueanu, Ramona-Daniela Păvăloiu, **Fawzia Sha'at**, Angela Cășărică, *HPTLC phenolic compounds fingerprint and antioxidant activity of Sambucus ebulus leaves and fruit*, Scientific Bulletin. Series F. Biotechnologies, **2016**, Vol. XX, ISSN 2285-1364, CDROM ISSN 2285-5521, ISSN Online 2285-1372, ISSN-L 2285-1364, pp.243 – 247.

Participări manifestări știintifice

1. The 24th International Electronic Conference on Synthetic Organic Chemistry session Polymer and Supramolecular Chemistry, 14 November 2020, E-Poster *Intracellular uptake study of polymeric nanoparticles loaded with cardiovascular drugs using confocal laser scanning microscopy* (conferință online)
2. PRIOCHEM XVI 28-30 octombrie 2020, ICECHIM, E-Poster, *In vitro cytotoxicity of polymeric nanoparticles coated with lipid layer loaded with cardiovascular drugs* (conferință online)
3. PRIOCHEM XVI 28-30 octombrie 2020, ICECHIM, E-Poster - *The preliminary results of pullulan nanoparticles loaded with 5-fluorouracil* (conferință online)
4. Euronanoforum, Bucuresti, România, 12-14 iunie 2019, Poster - *New Release kinetics of lipid-polymer nanoparticles loaded with perindopril for cardiovascular applications*,
5. 15th International Symposium "Priorities of Chemistry for a Sustainable Development"
PRIOCHEM, București, România, 30 Octombrie–1 Noiembrie 2019, E-Poster - *Antioxidant Properties and Cytoprotective Effect Against H₂O₂ - Induced Cytotoxicity in Mouse Fibroblasts Cells (L-929) of Horseradish Leaves*
6. 4th International Conference on Natural Products Utilization: From Plants to Pharmacy Self, Albena, Bulgaria, 29 mai - 01 iunie 2019, Poster - *Cytoprotective effect of Sambucus Ebulus L. extract and its lipid nanoformulations against H₂O₂ induced stress*
7. 4th International Conference on Natural Products Utilization: From Plants to Pharmacy Self, Albena, Bulgaria, 29 mai - 01 iunie 2019, Poster - *Design and evaluation of innovative lipid nanovesicles containing Centaurea cyanus L. extract*

8. 54th International Conference on Medicinal Chemistry - Interfacing Chemical Biology and Drug Discovery - RICT 2018, Strasbourg, Franta, 04-06 iulie 2018, Poster - *Formulation of polymeric multicomponent systems containing cardiovascular APIs*
9. 54th International Conference on Medicinal Chemistry - Interfacing Chemical Biology and Drug Discovery - RICT 2018, Strasbourg, Franta, 04-06 iulie 2018, Poster - *Design and evaluation of a delivery system based on liposomes for Echinacea purpurea leaves extract*
10. SICHEM, Bucuresti, România, 06 - 08 septembrie, 2018, Poster - *Engineering lipid coated polymeric nanoparticles loaded with curcumin for cancer therapy*
11. 28th International Conference and Expo on Nanosciences and Nanotechnology, Barcelona, Spania, 26-28 noiembrie 2018, Poster - *ENG-LPHNp – Engineering of lipidpolymer nanoparticles loaded with cardiovascular drugs for biomedical applications* Barcelona,.
12. PRIOCHEM, București, 10-12 octombrie 2018, Poster - *Release kinetics of amlodipine besylate and valsartan from PLGA-based nanoparticles*
13. Congresul Național de Farmacie din România 2018 (CNFR 2018), București, 26-29 septembrie 2018, E-poster - *Design and evaluation of a delivery system based on lipid nanovesicles for Sambucus ebulus extract*
14. Congresul Național de Farmacie din România 2018 (CNFR 2018), București, 26-29 septembrie 2018, E-poster - *Evaluation of AML-VAL nanoparticles as combined therapy in cardiovascular disease*
15. 21st Romanian International Conference on Chemistry and Chemical Engineering Constanta- Mamaia, România, 4 – 7 septembrie, 2019, Poster - *Core shell lipid-polymer nanoparticles loaded with amlodipine-valsartan for cardiovascular therapy,*
16. 21st Romanian International Conference on Chemistry and Chemical Engineering, Constanta- Mamaia, România 4 – 7 septembrie, 2019, Poster, *Cardiovascular APIs encapsulated into biodegradable matrix: in vitro evaluation on drug release kinetics*
17. 3rd International Conference on Natural Products Utilization. From Plants to Pharmacy Shelf, Bansko, Bulgaria, 18-21 octombrie 2017, Poster - *Lipid vesicles containing indigenous plant extracts with increased antioxidant activity*
18. Seminarul National de Nanoștiință și Nanotehnologie, București, România, 6 iunie 2017 Poster - *Formulation and evaluation of PLGA and PEG nanoparticles with APIs with cardiovascular applications*