

Books, monographs, book chapters and monograph chapters

Knjige, monografije i poglavlja u knjigama i monografijama

- 1) **Djekic L**, Primorac M. Microemulsion systems – application in delivery of poorly soluble drugs. In: Fanun M, editor. *Colloids in Drug Delivery*. Boca Raton: Taylor & Francis Group, CRC Press; 2010. p. 245-270 (ISBN 978-1-43981-825-1).
- 2) **Djekic Lj**, Ibrić S, Primorac M. Application of Artificial Neural Networks (ANNs) in Development of Pharmaceutical Microemulsions. In: Flores JA, editor. *Focus on Artificial Neural Networks*. Hauppauge: Nova Science Publishers; 2011. p. 1-28 (ISBN 978-1-61942-100-4).
- 3) **Djekic L**, Vasiljevic D, Primorac M. Computer-aided formulation development. In: Djuris J, editor. *Computer-aided applications in pharmaceutical technology*. Cambridge: Woodhead Publishing; 2013. p. 17-29 (ISBN 978-1-907568-27-5).
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- 5) **Djekic L**, Primorac M. Biomedical Application of Fullerenes. In: Ellis SB, editor. *Fullerenes: Chemistry, Natural Sources and Technological Applications*. Hauppauge: Nova Science Publishers; 2014. p. 239-262 (ISBN 978-1-63321-385-2).
- 6) **Djekic L**, Primorac M. Percutaneous Penetration Enhancement Potential of Microemulsion-Based Organogels. In: Dragicevic N, Maibach HI, editors. *Percutaneous Penetration Enhancers. Chemical Methods in Penetration Enhancement. Nanocarriers*. Berlin Heidelberg: Springer-Verlag; 2016. p. 263-282 (ISBN 978-3-662-47862-2).
- 7) **Đekić L**, Primorac M. Microemulsions and nanoemulsions as carriers for delivery of NSAIDs. In: Čalija B, editor. *Microsized and Nanosized Carriers for Nonsteroidal Anti-Inflammatory Drugs*. Philadelphia: Elsevier; 2017. p. 69-94 (ISBN 9780128040171).
- 8) **Djekic L**, Krajisnik D. Properties and Biomedical Relevance of Phytosome Encapsulated Polyphenolics. In: Clark P, editor. *Polyphenolics: Food Sources, Biochemistry and Health Benefits*. Hauppauge: Nova Science Publishers; 2017. p. 21-56 (ISBN: 978-1-53610-725-8).
- 9) **Djekic L**. Liposomes: Properties and Therapeutic Applications. In: Keservani RK, Sharma AK, Kesharwani RK, editors. *Novel Approaches for Drug Delivery*. Hershey: IGI Global; 2017. p. 27-51 (ISBN13: 9781522507512).
- 10) **Djekic L**, Martinovic M, Primorac M. Microemulsion Hydrogels – Properties and Current Applications in Drug Delivery. In: Torres T, editor. *Microemulsions: Systems, Properties and Applications*. Hauppauge: Nova Science Publishers; 2017. p. 1-36 (ISBN: 978-1-63485-890-8).

Journal Articles

Radovi u časopisima

- 1) **Djekic L**, Jankovic J, Čalija B, Primorac M. Development of semisolid self-microemulsifying drug delivery systems (SMEDDSs) filled in hard capsules for oral delivery of aciclovir. *International Journal of Pharmaceutics* 2017;528:372-380. (IF 3,431)
- 2) **Djekic L**, Primorac M. The influence of cosurfactants and oils on the formation of pharmaceutical microemulsions based on PEG-8 caprylic/capric glycerides. *International Journal of Pharmaceutics*, 2008;352:231-9 (IF 3,431).
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- 4) **Djekic L**, Primorac M, Filipic S, Agbaba D. Investigation of surfactant/cosurfactant synergism impact on ibuprofen solubilization capacity and drug release characteristics of nonionic microemulsions. *International Journal of Pharmaceutics*, 2012;433:25-33 (IF 3,458).
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- 7) **Djekic L**, Martinovic M, Stepanović-Petrović R, Tomić M, Micov A, Primorac M. Design of Block Copolymer Costabilized Nonionic Microemulsions and Their In Vitro and In Vivo Assessment as Carriers for Sustained Regional Delivery of Ibuprofen via Topical Administration. *Journal of Pharmaceutical Sciences*, 2015;104(8):2501-12 (IF 2,59).
- 8) **Djekic L**, Krajsnik D, Martinovic M, Djordjevic D, Primorac M. Characterization of gelation process and drug release profile of thermosensitive liquid lecithin/poloxamer 407 based gels as carriers for percutaneous delivery of ibuprofen. *International Journal of Pharmaceutics*, 2015;490(1-2):180-9 (IF 3,994).
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- 12) **Djordjevic L**, Primorac M, Stupar M. In vitro release od diclofenac diethylamine from caprylocaproyl macrogolglycerides based microemulsions. *International Journal of Pharmaceutics*, 2005;296:73-9 (IF 2,156).
- 13) **Djekic L**, Primorac M, Jocković J. Phase behaviour, microstructure and ibuprofen solubilization capacity of pseudo-ternary nonionic microemulsions. *Journal of Molecular Liquids*, 2011;160:81–7 (IF 1,580).
- 14) Vasiljević D, **Đekić Lj**, Primorac M. Long-term stability investigation of o/w cosmetic creams stabilized by mixed emulsifier. *Chemical Industry*, 2012;66(6):871-8 (IF 0,463).
- 15) **Djekic L**, Cirkovic V, Heleta M, Krajsnik D, Primorac M. Water-Dilutable Biocompatible Microemulsion Systems: Design and Characterisation. *Tenside Surfactants Detergents*. 2013;50(6):409-13 (IF 0,981).
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- 23) **Đekić Lj**, Đukić R, Vuleta G. Nanomaterijali u kozmetičkim proizvodima – opravdanost primene i bezbednost. Arhiv za farmaciju. 2013;63(3):319-34.
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Articles and Abstracts in Conference proceedings

Saopštenja u celini i izvodu na međunarodnim i nacionalnim skupovima

- 1) **Đorđević L**, Primorac M, Stupar M. Caprylocaproyl macroglycerides based microemulsions: phase behaviour and conductivity study, 7th European symposium on Controlled Drug Delivery, Twente, 03 – 05 April 2002, the Netherlands, 106 – 108.
- 2) **Đorđević L**, Primorac M, Stupar M. Effect of caprylocaproyl macroglycerides based microemulsion drug delivery vehicles on the stratum corneum, European Journal of Pharmaceutical Sciences, 25S1 (2005) S89 – S91.
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- 5) Vasiljević D, Milić J, Primorac M, Vuleta G, Stupar M, **Đorđević L**. The influence of kind of oil phase on the rheological properties of semisolid w/o emulsion systems with silicone emulsifier, 60th International Congress of International Pharmaceutical Federation, Vienna, 2000, Austria, 102.
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- 7) **Đorđević L**, Primorac M, Stupar M. Characterization of caprylocaproyl macroglycerides based microemulsion drug delivery vehicles, Proceedings of the 11th International Pharmaceutical Technology Symposium, Istanbul, Turkey, 09 – 11 September 2002; 101 - 102.
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- monoethyl ether – isopropyl myristate, Proceedings of the 11th International Pharmaceutical Technology Symposium, Istanbul, Turkey, 09 – 11 September 2002; 107 - 108.
- 9) **Dorđević L**, Primorac M, Stupar M. The influence of a model amphiphilic drug on a microstructure of caprylocaproyl macrogolglycerides based microemulsion vehicles, 5th Central European Symposium on Pharmaceutical Technology and Biotechnology, Ljubljana, 25 – 27 September 2003, Slovenia, 467 – 468.
 - 10) **Dorđević L**, Primorac M, Stupar M. The effect of oil type on phase behaviour of caprylocaproyl macrogolglycerides based microemulsions, 63rd International Congress of International Pharmaceutical Federation, Sydney, 4 – 9 September 2003, Australia, 119.
 - 11) **Dorđević L**, Primorac M, Stupar M. Caprylocaproyl macrogolglycerides based microemulsion vehicles for topical delivery of an amphiphilic drug, Symposium “Skin and Formulation”, Paris, 23 – 24 October 2003, France, 8.
 - 12) **Dorđević L**, Primorac M, Stupar M. In vitro release of diclofenac diethylamine from caprylocaproyl macrogolglycerides based microemulsions European Conference on Drug delivery and Pharmaceutical Technology, Sevilla, 10-12 May 2004, Spain, 106.
 - 13) **Dorđević L**, Primorac M, Stupar M. In vitro release of diclofenac diethylamine from caprylocaproyl macrogolglycerides based microemulsions, The 12th International Pharmaceutical Technology Symposium, Istanbul, 12 – 15 September 2004, Turkey, 75 – 76.
 - 14) **Dorđević L**, Krajišnik D, Primorac M, Milić J, Stupar M. In vitro release of diclofenac-diethylamine from acrylates/C10-30 alkyl acrylate crosspolymer based hydrogel, Pharmaceutical Sciences fair & Exhibition, June 12-17 2005, Nice, France (Abstract: PO-271)
 - 15) Milojevic M, Primorac M, Stupar M, **Dorđević L**. Formulation and characterization of the microemulsion system for skin care based on sucrose esters, Proceedings of the 5th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Geneva, 27-30 March, 2006 (CD-ROM).
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 - 28) **Djekic L**, Cirkovic V, Heleta M, Krajsnik D, Primorac M. Water-dilutable biocompatible microemulsion systems: design and characterization. CESIO 2013. 9th World Surfactant Congress and Bussines Convention; 2013 Jun 10-12; Barcelona, Spain.
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 - 33) **Djekic L**, Primorac M. Poloxamer/lecithin microemulsion hydrogels as carriers for cutaneous delivery of diclofenac sodium: formulation and characterization approach. 9th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology; 2014 Mar 31 – Apr 3; Lisbon, Portugal.
 - 34) **Djekic L**, Jankovic J, Primorac M. Type III lipid-based formulations for oral delivery of high-dosage drugs: design and in vitro evaluation. 1st European Conference on Pharmaceutics: Drug Delivery; 2015 Apr 13-14; Reims, France. (Abstract book)
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 - 38) Martinovic M, **Djekic L**, Primorac M. Formulation and evaluation of alginate hydrogel thickened microemulsions for percutaneous application of ibuprofen. Proceedings of the 4th Congress on Innovation in Drug Delivery. Site-Specific Drug Delivery. 2016 Sept 25-28; Antibes-Juan-les-Pins, France. (P62).
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 - 41) **Djekić Lj**, Krajišnik D, Čalija B. Evaluation of stability and rheological behaviour of carbomer gels with 18β-glycyrrhetic acid phytosomes for skin care applications. 11th Central European Symposium on Pharmaceutical Technology, 2016 Sept 22-24; Belgrade, Serbia. Arhiv za farmaciju, 2016;66/Special Issue (PP27).
 - 42) **Djekic Lj**, Martinovic M, Primorac M. Development of microemulsion systems for sustained release of nonsteroidal anti-inflammatory drugs: formulation and in vitro characterization. 11th Central European Symposium on Pharmaceutical Technology, 2016 Sept 22-24; Belgrade, Serbia. Arhiv za farmaciju, 2016;66/Special Issue (PP28).
 - 43) Janković J, **Djekić Lj**, Primorac M. Formulation and in vitro assessment of supersaturated self-microemulsifying drug delivery systems (S-SMEDDS) for oral delivery of acyclovir. 11th Central European Symposium on Pharmaceutical Technology, 2016 Sept 22-24; Belgrade, Serbia. Arhiv za farmaciju, 2016;66/Special Issue (PP29).
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 - 46) Jankovic J, **Djekic L**, Rašković A, Primorac M. Semisolid self-microemulsifying drug delivery systems (SMEDDS): effects on pharmacokinetics of acyclovir in rats. 7th BBBB International Conference on Pharmaceutical Sciences, Balatonfured, Hungary, 5-7 October, 2017. (P1E-6)
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