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Education Information

Doctorate, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Bioengineering, Turkey 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Metformin-Loaded Polymer-Based Microbubbles/Nanoparticles Generated for the Treatment of Type 2 Diabetes Mellitus**
Cesur S., ÇAM M. E., Sayın F. S., Su S., Harker A., Edirisinghe M., GÜNDÜZ O.
LANGMUIR, vol.38, no.17, pp.5040-5051, 2022 (SCI-Expanded)
- II. **Development and in vitro evaluation of biocompatible pla-based trilayer nanofibrous membranes for the delivery of nanoceria: A novel approach for diabetic wound healing**
Hussein M. A. M., Su S., Ulag S., Woźniak A., Grinholc M., Erdemir G., Kuruca S. E., GÜNDÜZ O., Muhammed M., El-Sherbiny I. M., et al.
Polymers, vol.13, no.21, 2021 (SCI-Expanded)
- III. **Coaxial and emulsion electrospinning of extracted hyaluronic acid and keratin based nanofibers for wound healing applications**
Su S., Bedir T., Kalkandelen C., Basar A. O., TÜRKOĞLU ŞAŞMAZEL H., Ustundag C. B., ŞENGÖR M., GÜNDÜZ O.
European Polymer Journal, vol.142, 2021 (SCI-Expanded)
- IV. **3D Propolis-Sodium Alginate Scaffolds: Influence on Structural Parameters, Release Mechanisms, Cell Cytotoxicity and Antibacterial Activity**
Aranci K., Uzun M., Su S., Cesur S., Ulag S., Amin A., Guncu M., Aksu B., Kolaylı S., Ustundag C., et al.
Molecules, vol.25, no.21, 2020 (SCI-Expanded)
- V. **Controlled release of metformin hydrochloride from core-shell nanofibers with fish sarcoplasmic protein**
Sena S., Sumeyra K. N., Ulkugul G., Sema A., Betül K., Muge S. B., Sayip E. M., Muhammet U., Cevriye K., Mahir M., et al.
Medicina (Lithuania), vol.55, no.10, 2019 (SCI-Expanded)
- VI. **Production and characterization of electrospun fish sarcoplasmic protein based nanofibers**
ŞAHİN Y. M., Su S., Ozbek B., YÜCEL S., PİNAR O., KAZAN D., OKTAR F. N., EKREN N., GÜNDÜZ O.
Journal of Food Engineering, vol.222, pp.54-62, 2018 (SCI-Expanded)
- VII. **Production and characterization of electrospun fish sarcoplasmicprotein based nanofibers**
Şahin Y. M., Su S., Özbek B., Yücel S., Pınar O., Kazan D., Oktar F. N., Ekren N., Gündüz O.
JOURNAL OF FOOD ENGINEERING, vol.222, no.1, pp.54-62, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **A drug-eluting nanofibrous hyaluronic acid-keratin mat for diabetic wound dressing**
Su S., Bedir T., KALKANDELEN C., Sasmazel H. T., Basar A. O., Chen J., EKREN N., GÜNDÜZ O.
Emergent Materials, vol.5, no.6, pp.1617-1627, 2022 (ESCI)
- II. **Production and Characterization of Whey Protein Concentrate (WPC) Based Nano-Fibers**
OKTAR F. N., Su S., Özbek B., YÜCEL S., KAZAN D., GÜNDÜZ O.
CROSS-DISCIPLINARY APPLIED RESEARCH IN MATERIALS SCIENCE AND TECHNOLOGY, 2018 (Scopus)

Books & Book Chapters

- I. **3D Printing of Hydrogels for Cartilage Tissue Engineering Applications**
SU TORUN S., DOĞAN E., EKREN N., ÜSTÜNDAĞ C. B., GÜNDÜZ O.
in: Functional Biomaterials, Anuj Kumar, Durgalakshmi Dhinasekaran, Irina Savina, Sung Soo Han, Editor, Taylor and Francis Group, pp.20-36, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Hyaluronic Acid Production and Analysis from Rooster Comb HOROZ IBİGİNDEN HYALURONİK ASİT ÜRETİMİ VE ANALİZİ**
KALKANDELEN C., Su S., Saatçioğlu E., GÜNDÜZ O.
2020 Medical Technologies Congress, TIPTEKNO 2020, Antalya, Turkey, 19 - 20 November 2020
- II. **Controlled Release of Metformin Loaded Polyvinyl Alcohol (PVA) Microbubble/Nanoparticles Using Microfluidic Device for the Treatment of Type 2 Diabetes Mellitus**
Cesur S., ÇAM M. E., SAYIN F. S., Su S., GÜNDÜZ O.
8th International Work-Conference on Bioinformatics and Biomedical Engineering, IWBBIO 2020, Granada, Spain, 6 - 08 May 2020, vol.12108 LNBI, pp.185-193
- III. **Core-shell structured hyaluronic acid and keratin nanofibers for wound dressing Hyaluronik asit ve keratin içeren çekirdek-kilif yapılı nanofiber yara örtüleri**
Su S., Eroğlu M., KALKANDELEN C., EKREN N., OKTAR F. N., Mahiroğulları M., GÜNDÜZ O.
2019 Medical Technologies Congress, TIPTEKNO 2019, İzmir, Turkey, 3 - 05 October 2019
- IV. **Production and Characterization of Whey Protein Concentrate (WPC) based Nano-fibers**
OKTAR F. N., Su S., Özbek B., YÜCEL S., KAZAN D., GÜNDÜZ O.
2nd International Conference on Frontiers of Composite Materials (ICFCM2017), 15 - 17 November 2017
- V. **Process Optimization of Electrospun Fish Sarcoplasmic Protein Based Nanofibers**
su S., Özbek b., ŞAHİN Y. M., YÜCEL S., KAZAN D., OKTAR F. N., EKREN N., GÜNDÜZ O.
FN 2017 : 19th International Conference on Food Nanotechnology, 17 - 18 August 2017
- VI. **Process Optimization of Electrospun Fish Sarcoplasmic Protein Based Nanifibers**
Su S., Özbek B., Sahin Y., Yucel S., KAZAN D., OKTAR F. N., EKREN N., Guzdüz O.
19th International Conference on Food Nanotechnology, 17 - 18 August 2017

Metrics

Publication: 17
Citation (WoS): 101
Citation (Scopus): 162
H-Index (WoS): 5
H-Index (Scopus): 7