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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: ABA-3733-2020

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Araştırma Alanları

Biyomedikal Mühendisliği, Biyomalzemeler, Nanomalzemeler

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Morphology of Nanostructured Tantalum Oxide Controls Stem Cell Differentiation and Improves Corrosion Behavior**
Erdogan Y. K., Uslu E., Aydmol M. K., Saglam A. S. Y., Odabas S., Ercan B.
ACS BIOMATERIALS SCIENCE & ENGINEERING, cilt.10, sa.1, ss.377-390, 2024 (SCI-Expanded)
- II. **3D Printing of Extracellular Matrix-Based Multicomponent, All-Natural, Highly Elastic, and Functional Materials toward Vascular Tissue Engineering**
Isik M., Karakaya E., Arslan T. S., Atila D., Erdogan Y. K., Arslan Y. E., Eskizengin H., Ercan B., Nemutlu E., Eylem C. C., et al.
Advanced Healthcare Materials, cilt.12, sa.20, 2023 (SCI-Expanded)
- III. **Anodized Nanostructured 316L Stainless Steel Enhances Osteoblast Functions and Exhibits Anti-Fouling Properties**
ERDOĞAN Y. K., ERCAN B.
ACS BIOMATERIALS SCIENCE & ENGINEERING, cilt.9, sa.2, ss.693-704, 2023 (SCI-Expanded)
- IV. **Decellularized Bone Extracellular Matrix-Coated Electrospun PBAT Microfibrous Membranes with Cell Instructive Ability and Improved Bone Tissue Forming Capacity**
Karakaya E., Erdoğan Y. K., Arslan T. S., Arslan Y. E., Odabaş S., Ercan B., Emregül E., Derkuş B.
MACROMOLECULAR BIOSCIENCE, cilt.22, sa.12, 2022 (SCI-Expanded)
- V. **THE SURFACE MODIFICATION OF 316L STAINLESS STEEL AND IN VITRO TESTS FOR CARDIOVASCULAR STENT APPLICATION**
ERDOĞAN Y. K., ERCAN B.
TISSUE ENGINEERING PART A, cilt.28, 2022 (SCI-Expanded)
- VI. **Nanostructured modifications of titanium surfaces improve vascular regenerative properties of exosomes derived from mesenchymal stem cells: Preliminary in vitro results**
Gardin C., Ferroni L., Erdoğan Y. K., Zanotti F., De Francesco F., Trentini M., Brunello G., Ercan B., Zavan B.
Nanomaterials, cilt.11, sa.12, 2021 (SCI-Expanded)
- VII. **Comprehensive Evaluation of the Biological Properties of Surface-Modified Titanium Alloy Implants**
Piszczek P., Radtke A., Ehlert M., Jedrzejewski T., Sznarkowska A., Sadowska B., Bartmanski M., ERDOĞAN Y. K.,

ERCAN B., Jedrzejczyk W.

JOURNAL OF CLINICAL MEDICINE, cilt.9, sa.2, 2020 (SCI-Expanded)

- VIII. **Photo-acoustic sensor based on an inexpensive piezoelectric film transducer and an amplitude-stabilized single-mode external cavity diode laser for in vitro measurements of glucose concentration**

Bayraklı I., Erdogan Y. K.

OPTICS AND LASER TECHNOLOGY, cilt.102, ss.180-183, 2018 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Anodization of 316L stainless steel for implant applications**

Erdoğan Y. K., Ercan B.

20. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Türkiye, 10 Haziran 2021

- II. **Non-invasive Glucose detection using biomedical photo-acoustic sensor**

ERDOĞAN Y. K., BAYRAKLI İ.

3rd International Conference on Engineering and Natural Sciences, 3 - 07 Mayıs 2017

- III. **Breath analysis using photo-acoustic sensors**

BAYRAKLI İ., ERDOĞAN Y. K.

3rd International Conference on Engineering and Natural Sciences, 3 - 07 Mayıs 2017

- IV. **Smart Devices Based Remote Patient Monitoring System**

BİNGÖL O., ERDOĞAN Y. K.

3th International Conference on Advanced Technology Sciences (ICAT'16), 1 - 03 Eylül 2016

Bilimsel Dergilerdeki Faaliyetler

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Yardımcı Editör/Bölüm Editörü, 2020 - Devam Ediyor

Metrikler

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H-İndeks (Scopus): 4