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Research Areas

Medicine, Internal Medicine Sciences, Surgery Medicine Sciences, Pharmacology and Therapeutics, Dentistry, Biomedical Engineering, Textile Engineering and Technology, Metallurgical and Materials Engineering, Material science and engineering, Biomaterials, Life Sciences, Biochemistry, Bioinformatics, Biotechnology, Molecular Biology and Genetics, Chemistry, Biochemistry, Health Sciences, Fundamental Medical Sciences, Natural Sciences, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Establishment, culture and characterization of gemcitabine hydrochloride-resistant human non-small cell lung carcinoma cell line derived cancer stem cells**
Cevizlidere B., Uysal O., Avcı H., Bagis S. G., Sevimli T. S., Dincer M., Ekenel E. Q., Kara S. G., Soykan M. N., Sarıboyacı A.
Cell Biochemistry and Function, vol.42, no.4, 2024 (SCI-Expanded)
- II. **Boric Acid Alters the Expression of DNA Double Break Repair Genes in MCF-7-Derived Breast Cancer Stem Cells**
Sevimli T., Ghorbani A., Gakhıyeva F., Cevizlidere B., Sevimli M.
BIOLOGICAL TRACE ELEMENT RESEARCH, 2023 (SCI-Expanded)
- III. **CLINICAL-GRADE HUMAN SYNOVIAL FLUID-DERIVED MESENCHYMAL STEM CELLS FOR DEGENERATIVE MENISCUS THERAPY**
Uysal O., Avcı H., Bagis S. G., Semerci Sevimli T., Ozel C., Cevizlidere B., Soykan M. N., Kara S. G., Ekenel E. Q., Tasa B. A., et al.
CYTOTHERAPY, no.6, 2023 (SCI-Expanded)
- IV. **Design, synthesis and biological evaluation of a new series of arylidene indanones as small molecules for targeted therapy of non-small cell lung carcinoma and prostate cancer**
ALTINTOP M. D., ÖZDEMİR A., TEMEL H. E., Cevizlidere B., SEVER B., KAPLANCIKLI Z. A., AKALIN ÇİFTÇİ G.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.244, 2022 (SCI-Expanded)
- V. **Flexible poly(styrene-ethylene-butadiene-styrene) hybrid nanofibers for bioengineering and water filtration applications**
Avcı H., Akkulak E., Gergeroglu H., Ghorbanpoor H., Uysal O., Eker Sarıboyacı A., Demir B., Soykan M. N., Pat S., Mohammadigharehbagh R., et al.
Journal of Applied Polymer Science, vol.137, no.26, 2020 (SCI-Expanded)
- VI. **Some Thiazole Derivatives Combined with Different Heterocycles: Cytotoxicity Evaluation and Apoptosis Inducing Studies**
YURTTAŞ L., Demir B., AKALIN ÇİFTÇİ G.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.8, pp.1115-1121, 2018 (SCI-Expanded)

VII. Biological Activity Evaluation of Novel 1,2,4-Triazine Derivatives Containing Thiazole/Benzothiazole Rings

YURTTAŞ L., AKALIN ÇİFTÇİ G., TEMEL H. E., SAĞLIK B. N., Demir B., LEVENT S.

ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.17, no.13, pp.1846-1853, 2017 (SCI-Expanded)

Supported Projects

İstanbul Ö. B., Yasan Ö. B., Ghorbanpoor H., Demir Cevizlidere B., Avcı H., Eker Sarıboyacı A., TÜBİTAK Project, Hegzagonal Bor Nitrür ve Tantalum Mikropartikül Takviyesi ile 3D Yazdırılabilir Biyobozunur Malzemeler İçin Hedef Doku ile Mekanik Uyumluluğun ve X-Işınlı Tıbbi Görüntüleme Sistemleri İle Görüntülenebilme Özelliğinin İyileştirilmesi, 2024 - 2025

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