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Doctorate, Istanbul University, Health Sciences Institute, Turkey 2015 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Potential multifaceted applications of cisplatin-loaded Camellia sinensis extract/CuO nanoparticles in cytotoxic and apoptotic effects**
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- II. **Comparison of Selenic Acid and Pyruvic Acid-Loaded Silver Nanocarriers Impact on Colorectal Cancer Viability**
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- III. **Enhancement of cytotoxic and apoptotic activity through oolong tea extract-mediated CuO/Cu₂O nanoparticles**
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- IV. **Enhanced anticancer effect of newly synthesised albumin-bound Fe(III)-S-Methyl-thiosemicarbazones on breast cancer cells**
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- V. **Antiproliferative effects of 5FU-AgNPs on different breast cancer cells**
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- VII. **A new treatment approach: Melatonin and ascorbic acid synergy shields against sepsis-induced heart and kidney damage in male rats**

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- VIII. **Synthesis and Anticancerogenic Effect of New Generation Ruthenium-Based Nanoparticle from Homalothecium sericeum with Eco-Friendly Method**
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- IX. **The Novel 5-Fluorouracil Loaded Ruthenium-based Nanocarriers Enhanced Anticancer and Apoptotic Efficiency while Reducing Multidrug Resistance in Colorectal Cancer Cells**
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- X. **Effective drug combinations of betulinic acid and ceranib-2 loaded Zn:MnO₂ doped-polymeric nanocarriers against PC-3 prostate cancer cells**
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- XI. **DNA groove binder and significant cytotoxic activity on human colon cancer cells: Potential of a dimeric zinc (II) phthalocyanine derivative**
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- XII. **Anticancer drug doxorubicin (DOX) loading performance of functionalized polyaniline (PANI) surface with active carbon**
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- XIII. **Propolis nanoparticles synthesis and characterization with cytotoxic and apoptotic effects on breast cancer cells**
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- XIV. **Evaluation of anticancer effects of carboplatin-gelatin nanoparticles in different sizes synthesized with newly self-assembly method by exposure to IR light**
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- XVII. **New oxovanadium(IV) complexes overcame drug resistance and increased in vitro cytotoxicity by an apoptotic pathway in breast cancer cells**
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- XVIII. **Kappa carrageenan/PEG-CuO nanoparticles as a multifunctional nanoplatform: digital colorimetric biosensor and anticancer drug nanocarrier**
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- XIX. **Preparation and biological evaluation of novel 5-Fluorouracil and Carmofur loaded polyethylene glycol / rosin ester nanocarriers as potential anticancer agents and ceramidase inhibitors**
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- XX. **New thiosemicarbazone-based Zinc(II) complexes. In vitro cytotoxicity competing with cisplatin on malignant melanoma A375 cells and its relation to neuraminidase inhibition**
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- XXIII. **Iron(III) complexes based on tetradentate thiosemicarbazones: Synthesis, characterization, radical scavenging activity and in vitro cytotoxicity on K562, P3HR1 and JURKAT cells**
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- XXV. **The interaction of light-activatable 2-thioxanthone thioacetic acid with ct-DNA and its cytotoxic activity: Novel theranostic agent**
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- XXVI. **Cytotoxic effects of some flavonoids and imatinib on the K562 chronic myeloid leukemia cell line: Data analysis using the combination index method**
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- II. **HCT116 ve HT29 Kolon Kanseri Hücrelerinde 5-Florourasil Kaynaklı Hücre Ölümünün Fourier Dönüşümlü Kızılötesi Spektroskopisi ile İncelenmesi**
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- I. **Kan Fizyolojisi**
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- I. **ANALYSIS OF PACLITAXEL EFFECT IN BREAST CANCER CELLS BY FTIR SPECTROSCOPY**
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