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Kişisel Bilgiler

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Birim: Analitik Kimya

Dahili: -

Makaleler (YOKSIS)

- 1 A green approach for formation of silver nanoparticles on magnetic graphene oxide and highly effective antimicrobial activity and reusability**

ÖÇSOY İSMAİL, Temiz Maide, ÇELİK ÇAĞLA, altınsoy berrak, YILMAZ VEDAT, DUMAN FATİH

Journal of Molecular Liquids, <http://dx.doi.org/10.1016/j.molliq.2016.12.015>

- 2 Biomolecules incorporated metallic nanoparticles synthesis and their biomedical applications**

ÖÇSOY İSMAİL, TAŞDEMİR DİDAR, MAZİCİOĞLU SÜMEYYE, ÇELİK ÇAĞLA, KATI AHMET, ÜLGEN FUNDA

Materials Letters, <http://dx.doi.org/10.1016/j.matlet.2017.10.068>

- 3 Building block and rapid synthesis of catecholamines-inorganic nanoflowers with their peroxidase-mimicking and antimicrobial activities**

ÇELİK ÇAĞLA, ILDIZ NİLAY, ÖÇSOY İSMAİL

Scientific Reports, <http://dx.doi.org/10.1038/s41598-020-59699-5>

- 4 Can concomitant use of zinc and curcumin with other immunity\boosting nutraceuticals be the arsenal against the COVID-19?**

ROY ANUPAM, SARKAR BISWATRISH, ÇELİK ÇAĞLA, GHOSH ANIMESH, BASU UTPAL, JANA MALABENDU, JANA ARUNDHATI, GENÇAY GÖKSU AYŞE, CAN SEZGİN GÜLTEN, ILDIZ NİLAY, DAM PAULAMI, MANDAL AMIT K, ÖÇSOY İSMAİL

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- 5 Can food and food supplements be deployed in the fight against the COVID 19 pandemic?**

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- 6 Dentin bond strength and antimicrobial activities of universal adhesives containing silver nanoparticles synthesized with Rosa canina extract**

EKRİKAYA SEMİHA, YILMAZ EBUBEKİR, ARSLAN SOLEY, Karaarslan Rabia, ILDIZ NİLAY, ÇELİK ÇAĞLA, ÖÇSOY İSMAİL

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7 Development of a Colorimetric Urease Test Based on Au NPS Capped with Anthocyanin for the Rapid Detection of Helicobacter pylori through Multiple Readouts

CAN SEZGİN GÜLTEN, TEKİN Yakup Emre, ÇALIM Beyza, ÇELİK ÇAĞLA, ALRIFAI Wardishan, TEMUR Nimet, ILDIZ NİLAY, ÖÇSOY İSMAİL

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8 Development of Vincristine-Loaded Nano Graphene Oxides for Dual Therapies Against Canine Anaplastic Carcinoma Cells Obtained From a Dog with Spontaneous Mammary Tumor

ATAY YUNUS EMRE, YUSUFBEYOĞLU SADI, HAMURCU ZÜHAL, GÜLER AHSEN, ÇAKIR BAYRAM LATİFE, EKEBAŞ GÖRKEM, ÇELİK ÇAĞLA, YILMAZ CEMİLE, ÖÇSOY İSMAİL, AKAR YAŞAR

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10 Dopamine and norepinephrine assistant-synthesized nanoflowers immobilized membrane with peroxidase mimic activity for efficient detection of model substrates

DADI ŞEYMA, ÇELİK ÇAĞLA, MANDAL AMIT K, ÖÇSOY İSMAİL

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11 Effects of transcranial direct current stimulation on motor and cognitive dysfunctions in experimental traumatic brain injury model

AKÇAY GÜVEN, DEMİRDÖĞEN FİLİZ, GÜL TUBA, YILMAZ ALİ, KOTAN DİLÇAN, KARAKOÇ ESRA, ÖZTÜRK HÜSEYİN EMRE, ÇELİK ÇAĞLA, ÇELİK HAYDAR, ERDEM YAVUZ

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12 Formation of functional nanobiocatalysts with a novel and encouraging immobilization approach and their versatile bioanalytical applications

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15 Novel Anthocyanin-Based Colorimetric Assay for the Rapid, Sensitive, and Quantitative Detection of Helicobacter pylori

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16 Preparation of natural indicator incorporated media and its logical use as a colorimetric biosensor for rapid and sensitive detection of Methicillin-resistant Staphylococcus aureus

- 16 ÇELİK ÇAĞLA, ILDIZ NİLAY, KAYA MELİH ZEKİ, BALDEMİR KILIÇ AYŞE, ÖÇSOY İSMAİL
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- 17 **Preparation of nature inspired indicator based agar for detection and identification of MRSA and MRSE**
ÇELİK ÇAĞLA, ILDIZ NİLAY, SAĞIROĞLU PINAR, ATALAY MUSTAFA ALTAY, YAZICI CEVAT, ÖÇSOY İSMAİL
Talanta,<http://dx.doi.org/10.1016/j.talanta.2020.121292>
- 18 **Rational preparation of powder anthocyanin incorporated-urease test for detection of K. pneumoniae and P.mirabilis**
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- 19 **Recent Advances in Colorimetric Tests for the Detection of Infectious Diseases and Antimicrobial Resistance**
ÇELİK ÇAĞLA, KALIN ÜNÜVAR GAMZE, ÇETİNKAYA ZEKERİYA, ILDIZ NİLAY, ÖÇSOY İSMAİL
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- 20 **Red cabbage extract-mediated colorimetric sensor for swift, sensitive and economic detection of urease-positive bacteria by naked eye and Smartphone platform**
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- 21 **Synthesis of Long-Term Stable Gold Nanoparticles Benefiting from Red Raspberry (*Rubus idaeus*), Strawberry (*Fragaria ananassa*), and Blackberry (*Rubus fruticosus*) Extracts–Gold Ion Complexation and Investigation of Reaction Conditions**
DEMİRBAŞ AYŞE, BÜYÜKBEZİRCİ KASIM, ÇELİK ÇAĞLA, KİŞLAKCI EMİNE, KARAAĞAÇ ZEHRA, GÖKTÜRK ERSEN, KATI AHMET, ÇİMEN BEHZAT, YILMAZ VEDAT, ÖÇSOY İSMAİL
ACS Omega,<http://dx.doi.org/10.1021/acsomega.9b02469>
- 22 **Synthesis of taurine-Cu 3(PO₄)₂ hybrid nanoflower and their peroxidase-mimic and antimicrobial properties**
YILMAZ SEVİM GÖKÇE, DEMİRBAŞ AYŞE, KARAAĞAÇ ZEHRA, DADI ŞEYMA, ÇELİK ÇAĞLA, Yusufbeyoğlu Sadi, ILDIZ NİLAY, MANDAL AMIT K, ÇİMEN BEHZAT, ÖÇSOY İSMAİL
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- 1 **Çilek Ekstresinden Tek Basamakta Sentezlenen Gümüş Nanopartiküllerin Antimikroiyal Özelliklerinin Endodontik Patojenler Üzerine Etkisi**
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- 2 **Çok Fonksiyonlu Nanomalzemelerin Geliştirilmesi ve Nanotıpta Potansiyel Kullanımları: Nano-biyosensörler**
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- 3 **DNA Aptamer Conjugated Gold Nanostructures For Molecular Recognition and Photothermally Destruction of Methicillin-Resistant Staphylococcus aureus**

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- 4** **DNA Aptamer Functionalized Gold Nanostructures For Molecular Recognition and Photothermally Destruction of Methicillin-Resistant Staphylococcus aureus**
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- 5** **Early Diabetes Estimation with Machine Learning**
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- 6** **Green synthesis of silver nanoparticles using hydrothermal approach and their enhanced antimicrobial activity towards bacterial and fungal pathogens**
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- 8** **Rational Formation of Peptides Hybrid Nanoflower with its Enzyme-Mimic and Antimicrobial Activities**
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- 9** **Red Cabbage (Brassicaoleracea) Extract Directed Organic-Inorganic Nanoflower and Investigation Their Enzyme Mimic and Antioxidant Activities**
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- 10** **Synthesis of Catecholamine-Metal Ions Coordinated Hybird Nanoflowers and Their Catalytic, Antioxidant and Antimicrobial Properties**
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3rd International Congress On Biosensors , file:///C:/Users/caglc/Desktop/Harran%20Ba%C5%9Fvuru/Bildiriler/b1%20nolu%20bildiri%20belgesi.pdf
- 11** **Synthesis of organic-inorganic hybrid nanostructures from amphipathic amino acids and their antimicrobial properties**
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- 12** **The Effect of Metal Ions on the Formation of BSA Based Hybrid Nanostructures and on Their Enzyme Mimic and Antimicrobial Activities**

- 12** Arslan Öçsoy Müşerref, TAŞDEMİR DİDAR, MAZİCİOĞLU SÜMEYYE, ÇELİK ÇAĞLA, İLDİZ NİLAY, YILMAZ VEDAT, ÖÇSOY İSMAİL
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- 13** **Using of nanomaterials in bioanalytical applications and development of mobile app-supported colorimetric diagnostic tests**
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