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Publons / Web Of Science ResearcherID: O-5743-2018

ScopusID: 57190001260

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Education Information

Post Doctorate, The University of Texas at Austin, Cockrell School of Engineering, McKetta Department of Chemical Engineering, United States Of America 2022 - 2023

Doctorate, Ankara University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2009 - 2015

Postgraduate, Ankara University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2006 - 2009

Undergraduate, Ankara University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2002 - 2006

Dissertations

Doctorate, Atmosferik Koşullarda ve Süperkritik Akışkan Ortamında Fe₃O₄ - PLGA Nanokompozitlerinin Sentezi ve Karakterizasyonu, Ankara University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), 2015

Postgraduate, Süperkritik akışkan ortamında dijitoksin ve glimepridin tanecik büyüklüğünün incelenmesi, Ankara University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), 2009

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Ankara University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2009 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Antibody-Conjugated Polymersomes with Encapsulated Indocyanine Green J-Aggregates and High Near-Infrared Absorption for Molecular Photoacoustic Cancer Imaging**

Kawelah M. R., Han S., ATİLA DİNÇER C., Jeon J., Brisola J., Hussain A. F., Jeevarathinam A. S., Bouchard R., Marras A. E., Truskett T. M., et al.

ACS Applied Materials and Interfaces, vol.16, no.5, pp.5598-5612, 2024 (SCI-Expanded)

- II. **An anticancer drug loading and release study to ternary GO-Fe₃O₄-PPy and Fe₃O₄ @PPy-NGQDs nanocomposites for photothermal chemotherapy**
ATİLA DİNÇER C., Getiren B., Gokalp C., ÇIPLAK Z., KARAKEÇİLİ A., YILDIZ N.
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.633, 2022 (SCI-Expanded)
- III. **Experimental and Modelling Analysis of the Hyperthermia Properties of Iron Oxide Nanocubes**
Ferrero R., Barrera G., Celegato F., Vicentini M., Sozeri H., YILDIZ N., ATİLA DİNÇER C., Coisson M., Manzin A., Tiberto P.
NANOMATERIALS, vol.11, no.9, 2021 (SCI-Expanded)
- IV. **Supercritical carbon dioxide extraction of Usnea longissima (L.) Ach.: Optimization by Box-Behnken design (BBD)**
ATİLA DİNÇER C., Gokalp C., Getiren B., YILDIZ A., YILDIZ N.
TURKISH JOURNAL OF CHEMISTRY, vol.45, no.4, pp.1248-1256, 2021 (SCI-Expanded)
- V. **Simultaneous biosynthesis of reduced graphene oxide-Ag-Cu₂O nanostructures by lichen extract for catalytic reduction of textile dyes**
Ciplak Z., Getiren B., Gokalp C., Atila Dinçer C., Yıldız A., Yıldız N.
KOREAN JOURNAL OF CHEMICAL ENGINEERING, vol.37, no.12, pp.2216-2224, 2020 (SCI-Expanded)
- VI. **Preparation of polycaprolactone/graphene oxide scaffolds: A green route combining supercritical CO₂ technology and porogen leaching**
Yildirim S., Demirtas T. T., ATİLA DİNÇER C., YILDIZ N., KARAKEÇİLİ A.
JOURNAL OF SUPERCRITICAL FLUIDS, vol.133, pp.156-162, 2018 (SCI-Expanded)
- VII. **Synthesis and characterization of Fe₃O₄-MPTMS-PLGA nanocomposites for anticancer drug loading and release studies**
ATİLA DİNÇER C., YILDIZ N., KARAKEÇİLİ A., AYDOĞAN N., Calimli A.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.45, no.7, pp.1408-1414, 2017 (SCI-Expanded)
- VIII. **A comparative study of Fe₃O₄ nanoparticles modified with different silane compounds**
ATİLA DİNÇER C., YILDIZ N., AYDOĞAN N., Calimli A.
APPLIED SURFACE SCIENCE, vol.318, pp.297-304, 2014 (SCI-Expanded)
- IX. **Particle size design of digitoxin in supercritical fluids**
ATİLA DİNÇER C., YILDIZ N., Calimli A.
JOURNAL OF SUPERCRITICAL FLUIDS, vol.51, no.3, pp.404-411, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Preparation of Chitosan and Glycol Chitosan Coated Magnetic Nanoparticles Loaded with Carboplatin as Anticancer Drug**
ATİLA DİNÇER C., Erdek A. M., KARAKEÇİLİ A., YILDIZ N.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.22, no.4, pp.1017-1022, 2019 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Indocyanine Green J-aggregate and Paclitaxel Loaded Biodegradable Polymersomes for Photoacoustic Image-Guided Chemotherapy**
Johnston K. P., Kawelah M., ATİLA DİNÇER C., Truskett T. M., Sokolov K. V., Han S., Brisola J., Dileep J., Kamath A., Hussain A., et al.
ACS Fall 2023, United States Of America, 13 August 2023
- II. **Indocyanine Green J-aggregate and Anticancer Drug Loaded Polymersomes for Photoacoustic Image-Guided Drug Delivery**
Atila Dinçer C., Kawelah M., Han S., Truskett T. M., Sokolov K. V., Johnston K. P.
2022 AIChE Annual Meeting, Arizona, United States Of America, 13 - 18 November 2022, pp.1-3

- III. **Poly (vinyl alcohol)-stabilized Polymersomes with Strong Near Infrared Absorbance of Encapsulated Indocyanine Green J-aggregates**
Kawelah M., Atila Dinçer C., Han S., Truskett T. M., Sokolov K. V., Johnston K. P.
96th ACS Colloid & Surface Science Symposium, Colorado, United States Of America, 10 - 13 July 2022, pp.335
- IV. **Biodegradable Polymersomes with Encapsulated Indocyanine Green J-aggregates for Highly Selective Photoacoustic Cancer Imaging**
Kawelah M., Atila Dinçer C., Han S., Truskett T. M., Sokolov K. V., Johnston K. P.
96th ACS Colloid & Surface Science Symposium, Colorado, United States Of America, 10 - 13 July 2022, pp.384
- V. **Biosynthesis and Characterization of Cu-Ni Nanoparticles**
Atila Dinçer C.
3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), Ankara, Turkey, 15 - 17 December 2021, pp.129
- VI. **Anticancer Drug Loading and Release Studies on a Magnetic Nanocomposite Containing Graphene Oxide**
ATİLA DİNÇER C., GETİREN B., GÖKALP C., YILDIZ N.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- VII. **Supercritical Carbon Dioxide Extraction (SCE) of Usnic Acid from Usnea longissima**
ATİLA DİNÇER C., GÖKALP C., GETİREN B., YILDIZ N.
9th Eastern Mediterranean Chemical Engineering Conference (EMCC 9), 6 - 08 September 2018
- VIII. **Graphene Oxide-Fe₃O₄-Polypyrrole Ternary Nanocomposite for Usnic Acid Loading and Release**
ÇIPLAK Z., ATİLA DİNÇER C., GÖKALP C., GETİREN B., YILDIZ N.
IV. International Ege Composite Materials Symposium (KOMPEGE), 6 - 08 September 2018
- IX. **High performance supercapacitor based on rGO-Fe₃O₄/PANI nanocomposite**
KURUÇAM G., ÇIPLAK Z., TÜRKÖZ S., YILDIZ N., ATİLA DİNÇER C.
International Congress On Chemistry And Materials Science, 5 - 07 October 2017
- X. **Synthesis of Polyurethane (PU) Nanopolymers with Different Structures**
BABAARSLAN E., ATİLA DİNÇER C., KARAKEÇİLİ A., YILDIZ N.
International Congress on Chemistry and Materials Science (ANCON 2017), 5 - 07 October 2017
- XI. **Investigation of Fe₃O₄/rGO nanocomposite performance for supercapacitor application**
TÜRKÖZ S., YILDIZ N., ÇIPLAK Z., KURUÇAM G., ATİLA DİNÇER C.
International Congress On Chemistry And Materials Science, 5 - 07 October 2017
- XII. **Optimization of Capacitance Performance of Graphene Based Nanocomposites by Response Surface Method (RSM)**
ÇIPLAK Z., ATİLA DİNÇER C., YILDIZ N., YILDIZ A.
3rd International Conference on Science, Ecology and Technology (ICONSETE 2017), 14 - 16 August 2017
- XIII. **Pesticides Adsorption from Aqueous Solution by Activated Carbon**
YILDIZ A., OKUŞ F., ATİLA DİNÇER C., YILDIZ N.
International Congress on Natural and Engineering Sciences (ICNES 2017), Montenegro, 21 - 25 July 2017
- XIV. **Investigation of Cytotoxicity of Polyacrylonitrile Nanoparticles**
BABAARSLAN E., ATİLA DİNÇER C., KARAKEÇİLİ A., YILDIZ N.
22nd International Biomedical Science Technology Symposium (BIOMED 2017), 12 - 14 May 2017
- XV. **A Comparative Study on the Magnetic Polymer Nanocomposites for Drug Delivery Systems**
ATİLA DİNÇER C., YILDIZ N.
22nd International Biomedical Science Technology Symposium (BIOMED 2017), 12 - 14 May 2017
- XVI. **Investigation of catalytic performance of AuNPs synthesized by lichen extract**
Getiren B., Gökarp C., YILDIZ A., ÇIPLAK Z., ATİLA DİNÇER C., YILDIZ N.
International Congress on Natural and Engineering Sciences, 1 - 05 September 2016
- XVII. **PLGA Coating Efficiency of Modified Fe₃O₄ Nanoparticles**
ATİLA DİNÇER C., YILDIZ N., AYDOĞAN N., ÇALIMLI A.
12th International Nanoscience and Nanotechnology Conference, 3 - 05 June 2016

XVIII. 5 Fluorouracil 5 Fu Loading on Magnetic Glycol Chitosan Nanocomposites

ATİLA DİNÇER C., Yıldız E., YILDIZ N.

12th International Nanoscience and Nanotechnology Conference, 3 - 05 June 2016

XIX. Surface Modification and Characterization of Iron Oxide Nanoparticles

ATİLA DİNÇER C., YILDIZ N., AYDOĞAN N., ÇALIMLI A.

1st International Symposium on Nanoparticles / Nanomaterials and Applications (ISN2A-2014), 20 - 22 January 2014

Supported Projects

Yıldız N., Karakeçili A., Hasçıçek C., Atila Dinçer C., Yıldız A., TUBITAK Project, NIR Duyarlı, Grafen Kuantum Noktası (GKN) İçeren Nanokompozitlerin Sentezi, Karakterizasyonu Ve Fototermal Kemoterapi Etkinliklerinin İncelenmesi, 2017 - 2020

Yıldız N., Atila Dinçer C., Çıplak Z., Project Supported by Higher Education Institutions, Modifiye Edilmiş Manyetik Nanoyapılara İlaç Yükleme ve Salım Uygulamaları, 2015 - 2017

Yıldız N., Karakeçili A., Atila Dinçer C., Project Supported by Higher Education Institutions, Süperkritik Akışkan Ortamında Fe3O4 PLGA Çekirdek Kabuk Nanotaneciklerinin Sentezi ve Karakterizasyonu, 2013 - 2015

Metrics

Publication: 40

Citation (WoS): 130

Citation (Scopus): 141

H-Index (WoS): 6

H-Index (Scopus): 6