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International Researcher IDs

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Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Micro and Nanotechnology, Turkey 2011 - 2023

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Micro and Nanotechnology, Turkey 2007 - 2010

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, Turkey 1999 - 2004

Research Areas

Interdisciplinary Physics and Related Science and Technology Areas

Academic Titles / Tasks

Research Assistant PhD, Middle East Technical University, Graduate School of Natural and Applied Sciences, Micro and Nanotechnology, 2023 - Continues

Research Assistant, Middle East Technical University, Graduate School of Natural and Applied Sciences, Micro and Nanotechnology, 2008 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

I. Coffee-Derived Exosome-Like Nanoparticles: Are They the Secret Heroes?

Kantarcioglu M., Yildirim G., Akpınar Oktar P., Yanbakan S., Özer Z. B., Yurtsever Sarıca D., Taşdelen S., Bayrak E., Akın Balı D. F., ÖZTÜRK S., et al.

The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology, vol.34, no.2, pp.161-169, 2023 (SCI-Expanded)

II. New Mixed Conductivity Mechanisms in the Cold Plasma Device Based on Silver-Modified Zeolite Microporous Electronic Materials

Koc S. O., Galioglu S., ÖZTÜRK S., AKATA KURÇ B., Koc E., SALAMOV B.

JOURNAL OF ELECTRONIC MATERIALS, vol.47, no.5, pp.2791-2799, 2018 (SCI-Expanded)

III. Application of Different Zeolites for Improvement of the Characteristics of a pH-FET Biosensor

Based on Immobilized Urease

Soldatkin O. O., Kucherenko I. S., Shelyakina M. K., Soy E., Kirdeciler K., ÖZTÜRK S., Jaffrezic-Renault N., AKATA KURÇ B., Dzyadevych S. V., Soldatkin A. P.

ELECTROANALYSIS, vol.25, no.2, pp.468-474, 2013 (SCI-Expanded)

IV. Effect of different modifications of BEA-zeolites on operational characteristics of conductometric biosensor

Kucherenko I. S., Soldatkin O. O., Soy E., Kirdeciler K., ÖZTÜRK S., AKATA KURÇ B., Jaffrezic-Renault N., Soldatkin A. P., Dzyadevych S. V.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.32, no.6, pp.1648-1653, 2012 (SCI-Expanded)

V. Elaboration of Urease Adsorption on Silicalite for Biosensor Creation

Kucherenko I. S., Soldatkin O. O., Kasap B. O., ÖZTÜRK S., AKATA KURÇ B., Soldatkin A. P., Dzyadevych S. V.

ELECTROANALYSIS, vol.24, no.6, pp.1380-1385, 2012 (SCI-Expanded)

VI. A novel urea conductometric biosensor based on zeolite immobilized urease

Kirdeciler S. K., Soy E., ÖZTÜRK S., Kucherenko I., Soldatkin O., Dzyadevych S., AKATA KURÇ B.

TALANTA, vol.85, no.3, pp.1435-1441, 2011 (SCI-Expanded)

VII. Oriented assembly and nanofabrication of zeolite A monolayers

ÖZTÜRK S., AKATA KURÇ B.

MICROPOROUS AND MESOPOROUS MATERIALS, vol.126, no.3, pp.228-233, 2009 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. Manyetik Hipertermi Tedavisinde Kullanıma Uygun Manyetik Nano Parçacıklarının Hazırlanması

AKPINAR Y., ÖZTÜRK S., VOLKAN M.

29.Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017

II. Resist Free Zeolite Patterning with Electron Beam Lithography Zeo Lithography

KİRDECİLER S. K., ÖZTÜRK S., AKATA KURÇ B.

18th International Zeolite Conference, 19 - 24 June 2016

III. NANOSIZED ZEOLITES AS A PERSPECTIVE MATERIAL FOR DEVELOPMENT OF ELECTROCHEMICAL ENZYME BIOSENSORS

Kucherenko I., Soldatkin O., Saiapina O., Soy E., Ozansoy B., KİRDECİLER S. K., ÖZTÜRK S., AKATA KURÇ B., Dzyadevych S.

International Porous and Powder Materials Symposium and Exhibition, 15 - 18 September 2015

Metrics

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Citation (Scopus): 121

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H-Index (Scopus): 6