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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, University of Massachusetts Amherst, Chemistry, Amerika Birleşik Devletleri 2010 - 2015

Yüksek Lisans, University of Massachusetts Dartmouth, Chemistry&Biochemistry, Amerika Birleşik Devletleri 2008 - 2010

Lisans, Çukurova Üniversitesi, Fen-Edebiyat Üniversitesi, Türkiye 2000 - 2005

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, DEVELOPING FLUORESCENT SENSORS FOR THE BIOIMAGING OF CHELATABLE IRON(III) IONS, University of Massachusetts Amherst, Chemistry, Chemistry, 2015

Yüksek Lisans, Developing Rhodamine-based Fluorescent Sensors for Cellular Iron(III) Imaging, University of Massachusetts Dartmouth, Chemistryand Biochemistry, Chemistry, 2010

Araştırma Alanları

Kimya, İnorganik Kimya, Biyoınorganik Kimya, Geçiş Elementleri, Temel Bilimler

Akademik Unvanlar / Görevler

Öğretim Görevlisi Dr., Recep Tayyip Erdoğan Üniversitesi, Pazar Myo, Hayvansal Ve Bitkisel Üretim, 2015 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Highly selective Schiff base derivatives for colorimetric detection of Al³⁺**
Aydin Z., KELEŞ M.
TURKISH JOURNAL OF CHEMISTRY, cilt.41, sa.1, ss.89-98, 2017 (SCI-Expanded)
- II. **Reaction-based turn-on fluorescent probes with magnetic responses for Fe²⁺ detection in live cells**
MAITI S., Aydin Z., ZHANG Y., GUO M.
DALTON TRANSACTIONS, cilt.44, sa.19, ss.8942-8949, 2015 (SCI-Expanded)
- III. **An "off-on" optical sensor for mercury ion detection in aqueous solution and living cells**

Aydin Z., WEI Y., GUO M.

INORGANIC CHEMISTRY COMMUNICATIONS, cilt.50, ss.84-87, 2014 (SCI-Expanded)

IV. A Turn-on Fluorescent Sensor for Imaging Labile Fe³⁺ in Live Neuronal Cells at Subcellular Resolution

WEI Y., Aydin Z., ZHANG Y., LIU Z., GUO M.

CHEMBIOCHEM, cilt.13, sa.11, ss.1569-1573, 2012 (SCI-Expanded)

V. A highly selective rhodamine based turn-on optical sensor for Fe³⁺

Aydin Z., WEI Y., GUO M.

INORGANIC CHEMISTRY COMMUNICATIONS, cilt.20, ss.93-96, 2012 (SCI-Expanded)

VI. Determination of uric acid and creatinine in human urine using hydrophilic interaction chromatography

ZUO Y., YANG Y., ZHU Z., HE W., Aydin Z.

TALANTA, cilt.83, sa.5, ss.1707-1710, 2011 (SCI-Expanded)

VII. Synthesis of palladium complexes with bis(diphenylphosphinomethyl) amino ligands: A catalyst for the Heck reaction of aryl halide with methyl acrylate

KELES M., Aydin Z., SERINDAG O.

JOURNAL OF ORGANOMETALLIC CHEMISTRY, cilt.692, sa.10, ss.1951-1955, 2007 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. ORGANİK TARIMDA KULLANILAN KİMYASALLAR

AYDIN Z.

DOĞU KARADENİZ 2. ORGANİK TARIM KONGRESİ, Rize, Türkiye, 6 - 09 Ekim 2015, ss.125

II. Floresan Sensörler ile Canlı Hücrelerde Serbest Halde Bulunan Fe(III) İyonlarının Takibi

AYDIN Z., GUO M.

27. Ulusal Kimya Kongresi, Çanakkale, Türkiye, 23 - 28 Ağustos 2015, ss.144

III. Molecular Imaging of Iron Ions in Living Systems: Subcellular Trafficking and Quantification

AYDIN Z., GUO M., MAITI S., ZHANG Y., WEI Y., Yang B.

The 17th International Conference on Biological Inorganic Chemistry, Bujin, Çin, 20 - 24 Temmuz 2015, ss.218

IV. A pH Stable Turn-on Fluorescent Sensor for Imaging Labile Fe³⁺ in Living Cells

AYDIN Z., Alhawsah B., Yang B., GUO M.

5th Annual UMCCTS Research Retreat, Worcester, Amerika Birleşik Devletleri, 20 Mayıs 2014

V. Developing turn-on fluorescent sensors for iron imaging in live neuronal cells

AYDIN Z., GUO M., ZHANG Y., WEI Y., LIU Z.

240th ACS National Meeting, Boston, Boston, Amerika Birleşik Devletleri, 22 - 26 Ağustos 2010, cilt.240

Metrikler

Yayın: 12

Atıf (WoS): 224

Atıf (Scopus): 236

H-İndeks (WoS): 6

H-İndeks (Scopus): 6