

NİSA YEŞİLGÜL

ASST. PROF.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ADX-1004-2022

Learning Knowledge

Doctorate 2011 - 2017	Ihsan Dogramaci Bilkent University, Fen, Kimya, Turkey
Postgraduate 2009 - 2011	Ihsan Dogramaci Bilkent University, Fen, Kimya, Turkey
Undergraduate 2004 - 2009	Ihsan Dogramaci Bilkent University, Fen Fakültesi, Kimya, Turkey

Foreign Languages

German, A1 Beginner

French, A1 Beginner

English, C1 Advanced

Dissertations

Doctorate, Energy transfer, photosensitization and sensing with novel BODIPY compounds and their supramolecular assemblies, Ihsan Dogramaci Bilkent University, Fen, Kimya, 2017

Postgraduate, Tetrastyril-bodipy dyes as potential photosensitizers for photodynamic therapy , Ihsan Dogramaci Bilkent University, Fen, Kimya, 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- Proof-of-principle for two-stage photodynamic therapy: Hypoxia triggered release of singlet oxygen**
Ayan S., GÜNAYDIN G., Yesilgul-Mehmetcik N., Gedik M. E., Seven O., Akkaya E. U.
Chemical Communications, vol.56, no.94, pp.14793-14796, 2020 (SCI-Expanded)
- An exploration of new avenues regarding deep tissue penetration and highersinglet oxygen efficiencys: novel near-IR photosensitizers for photodynamitherapy**
Yeşilgül N., Kılıç B.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.2, pp.624-633, 2019 (SCI-Expanded)
- Energy Harvesting in a Bodipy-Functionalized Rotaxane**
Yesilgul N., Seven O., Guliyev R., Akkaya E. U.
Journal of Organic Chemistry, vol.83, no.21, pp.13228-13232, 2018 (SCI-Expanded)
- Bodipy-based photosensitizers with long alkyl tails at the meso position: efficient singlet oxygen**

generation in Cremophor-EL micelles

Kilic B., Yesilgul N., Polat V., Gercek Z., Akkaya E. U.

Tetrahedron Letters, vol.57, no.12, pp.1317-1320, 2016 (SCI-Expanded)

Articles Published in Other Journals

1. Singlet Oxygen Generation with Chemical Excitation of an Erythrosine-Luminol Conjugate

Yesilgul N., Uyar T. B., Seven O., Akkaya E. U.

ACS Omega, vol.2, no.4, pp.1367-1371, 2017 (Scopus)

Metrics

Publication: 5

Citation (Scopus): 83

H-Index (Scopus): 4

Research Areas

Natural Sciences