

Prof. Dr. FABIENNE DUMOULIN

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: AAA-9838-2019

Eğitim Bilgileri

Doktora, Universite Lyon 1, Fransa 1999 - 2002

Yüksek Lisans, Universite Lyon 1, Fransa 1998 - 1999

Lisans, Universite Lyon 1, Fransa 1994 - 1998

Yaptığı Tezler

Doktora, Synthesis of neoglycolipids and study of their self-assembling properties, Universite Lyon 1, 2002

Yüksek Lisans, Synthese d'analogues de glycosylceramides, Universite Lyon 1, 1999

Araştırma Alanları

Kimya

Akademik İdari Deneyim

Rektörlüğe Bağlı Komisyon Üyesi, Acibadem Mehmet Ali Aydınlar Üniversitesi, 2023 - Devam Ediyor

Fakülte Kurulu Üyesi, Acibadem Mehmet Ali Aydınlar Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Biyomedikal Mühendisliği Bölümü, 2021 - Devam Ediyor

Stratejik Plan Komisyonu, Acibadem Mehmet Ali Aydınlar Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Biyomedikal Mühendisliği Bölümü, 2021 - Devam Ediyor

Erasmus Programı Bölüm Koordinatörü, Acibadem Mehmet Ali Aydınlar Üniversitesi, Fen Bilimleri Enstitüsü, 2021 - Devam Ediyor

Erasmus Programı Bölüm Koordinatörü, Acibadem Mehmet Ali Aydınlar Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Biyomedikal Mühendisliği Bölümü, 2021 - Devam Ediyor

Ölçme Değerlendirme Kurulu üyesi, Acibadem Mehmet Ali Aydınlar Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Biyomedikal Mühendisliği Bölümü, 2021 - 2023

Verdiği Dersler

Doktora

Tez, Doktora, 2024 - 2025

Tez, Doktora, 2024 - 2025

Seminer, Doktora, 2023 - 2024

Seminar, Doktora, 2022 - 2023, 2021 - 2022, 2020 - 2021

Photosensitisers for PDT, Doktora, 2023 - 2024, 2021 - 2022, 2020 - 2021

Tez, Doktora, 2022 - 2023

Yüksek Lisans

Photosensitisers for PDT, Yüksek Lisans, 2024 - 2025, 2020 - 2021

Seminer, Yüksek Lisans, 2023 - 2024

Photosensitisers for PDT, Yüksek Lisans, 2023 - 2024

Tez, Yüksek Lisans, 2022 - 2023

Designing PHOTOSENSITIZERS with improved efficiency, Yüksek Lisans, 2023 - 2024

Seminar, Yüksek Lisans, 2022 - 2023, 2021 - 2022, 2020 - 2021

Lisans

Organic Chemistry, Lisans, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Basic Chemistry II, Lisans, 2022 - 2023, 2021 - 2022, 2020 - 2021

Organic Chemistry, Lisans, 2020 - 2021

Ön Lisans

Solucan Gübrelemesine Bilimsel ve Deneysel Yaklaşım, Ön Lisans, 2024 - 2025, 2023 - 2024

Yönetilen Tezler

Dumoulin F., Photodynamic therapy, Doktora, D.Sipahioğlu(Öğrenci), Devam Ediyor

Dumoulin F., Porphyrinoid-based photosensitizing polymeric scaffolds for antimicrobial photodynamic therapy, Doktora,

Z.Ulupınar(Öğrenci), Devam Ediyor

Dumoulin F., Phthalocyanines..., Yüksek Lisans, A.Karayel(Öğrenci), 2023

Tazebay U. H., Dumoulin F., PHOTODYNAMIC THERAPY EFFECTS OF NIR-ABSORBING NOVEL PHTHALOCYANINES,

Doktora, E.Gazel(Öğrenci), 2022

Jüri Üyelikleri

Ödül, MRSC, Royal Society of Chemistry, Kasım, 2023

Tez Savunma (Yüksek Lisans), Tez Savunma (Yüksek Lisans), Acıbadem Mehmet Ali Aydınlar Üniversitesi, Haziran, 2023

Tez Savunma (Doktora), Tez Savunma (Doktora), POLITECHNIKA WROCŁAWSKA, Aralık, 2022

Tez Savunma (Doktora), Tez Savunma (Doktora), Université de Limoges, Ekim, 2022

Tez Savunma (Yüksek Lisans), Tez Savunma (Yüksek Lisans), Pamukkale Üniversitesi, Haziran, 2022

Tez Savunma (Doktora), Tez Savunma (Doktora), Universiteit van Amsterdam, Ocak, 2022

Tez Savunma (Doktora), Tez Savunma (Doktora), Université Montpellier I, Aralık, 2021

Tez Savunma (Doktora), Tez Savunma (Doktora), Université de Limoges, Eylül, 2021

Tez Savunma (Doktora), Tez Savunma (Doktora), Ecole Nationale Supérieure de Chimie de Clermont-Ferrand, Haziran, 2021

Tez Savunma (Doktora), Tez Savunma (Doktora), University of KwaZulu-Natal, Şubat, 2021

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. Alkylthio-tetrasubstituted Lu(III) phthalocyanines: Effect of the substituent bulkiness and length on their photophysical, photochemical, electrochemical and sensing properties

Albakour M., Celik G. G., Yaseen A. N., Sen Z., DUMOULIN F., Harbeck M., Isci U., Gurek A. G.

JOURNAL OF MOLECULAR STRUCTURE, cilt.1325, 2025 (SCI-Expanded)

- II. **μ -nitrido diiron phthalocyanines: Electron-withdrawing vs electron-donating substituent effect on oxidation reaction catalysis**
Eren O., ŞAHİN Z., DUMOULIN F., İŞÇİ Ü.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.28, sa.11N12, ss.806-813, 2024 (SCI-Expanded)
- III. **Amphiphilic Single-Chain Polymer Nanoparticles as Imaging and Far-Red Photokilling Agents for Photodynamic Therapy in Zebrafish Embryo Xenografts**
Arena D., Nguyen C., Ali L. M. A., Verde-Sesto E., Iturraspe A., Arbe A., İŞÇİ Ü., ŞAHİN Z., DUMOULIN F., Gary-Bobo M., et al.
ADVANCED HEALTHCARE MATERIALS, cilt.13, sa.28, 2024 (SCI-Expanded)
- IV. **Synthesis, Photo-Characterizations, and Pre-Clinical Studies on Advanced Cellular and Animal Models of Zinc(II) and Platinum(II) Sulfonyl-Substituted Phthalocyanines for Enhanced Vascular-Targeted Photodynamic Therapy**
Repetowski P., Warszynska M., Kostecka A., Pucelik B., Barzowska A., EMAMI A., İŞÇİ Ü., DUMOULIN F., Dabrowski J. M.
ACS APPLIED MATERIALS & INTERFACES, cilt.16, sa.37, ss.48937-48954, 2024 (SCI-Expanded)
- V. **Introduction to the <i>RSC Advances</i> Emerging Investigators Series 2023**
DUMOULIN F., Nakagaki S.
RSC ADVANCES, cilt.14, sa.37, ss.26911-26912, 2024 (SCI-Expanded)
- VI. **Nanoencapsulation of a Far-Red Absorbing Phthalocyanine into Poly(benzylmalate) Biopolymers and Modulation of Their Photodynamic Efficiency**
ŞAHİN Z., O'nal E., Ali L. M. A., Durand D., EMAMI A., Toure M., İŞÇİ Ü., Gary-Bobo M., Cammas-Marion S., DUMOULIN F.
BIOMACROMOLECULES, cilt.25, sa.6, ss.3261-3270, 2024 (SCI-Expanded)
- VII. **Phthalocyanine vs porphyrin: Experimental and theoretical comparison of the catalytic activity of N-bridged diiron tetrapyrrolic complexes for alcohols oxidation**
ŞAHİN Z., Yuceel C., Yildiz D. B., DEDE Y., DUMOULIN F., İŞÇİ Ü.
MOLECULAR CATALYSIS, cilt.559, 2024 (SCI-Expanded)
- VIII. **Perspectives in the treatment of antibiotic-resistant bacterial infections with active photodynamic partners within the framework of the EURESTOP COST Action (CA21145)**
Mori M., DUMOULIN F., Faustino M. A. F., Plaetzer K.
PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES, sa.4, ss.815-817, 2024 (SCI-Expanded)
- IX. **Near infrared-absorbing self-encapsulated phthalocyanine-cored polycaprolactone star polymeric nanoparticles**
Yaseen A. N., EMAMI A., Ben Aziza H., DANDAN DOĞANCI M., İŞÇİ Ü., Gurek A. G., DOĞANCI E., DUMOULIN F.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.28, sa.02, ss.107-113, 2024 (SCI-Expanded)
- X. **Multifunctional Photovoltaic Window Layers for Solar-Driven Catalytic Conversion of CO₂: The Case of CIGS Solar Cells**
Guerrero J., Bajard E., Schneider N., DUMOULIN F., Lincot D., İŞÇİ Ü., Robert M., Naghavi N.
ACS ENERGY LETTERS, cilt.8, sa.8, ss.3488-3493, 2023 (SCI-Expanded)
- XI. **Comparing PVP and Polymeric Micellar Formulations of a PEGylated Photosensitizing Phthalocyanine by NMR and Optical Techniques**
Gergely L. P., Yuceel C., İŞÇİ Ü., Spadin F. S., Schneider L., Spingler B., Frenz M., DUMOULIN F., Vermathen M.
MOLECULAR PHARMACEUTICS, cilt.20, sa.8, ss.4165-4183, 2023 (SCI-Expanded)
- XII. **Quantum-Classical Protocol for Efficient Characterization of Absorption Lineshape and Fluorescence Quenching upon Aggregation: The Case of Zinc Phthalocyanine Dyes**
Aarabi M., Aranda D., Gholami S., Meena S. K., Lerouge F., Bretonniere Y., Gurol I., Baldeck P., Parola S., DUMOULIN F., et al.
JOURNAL OF CHEMICAL THEORY AND COMPUTATION, sa.17, ss.5938-5957, 2023 (SCI-Expanded)
- XIII. **Introduction to the <i>RSC Advances</i> Emerging Investigators Series 2022**

- DUMOULIN F., Nakagaki S.
RSC ADVANCES, cilt.13, sa.28, ss.19011-19012, 2023 (SCI-Expanded)
- XIV. **Transparent Porous ZnO|Metal Complex Nanostructured Materials: Application to Electrocatalytic CO₂ Reduction**
Guerrero J., Schneider N., DUMOULIN F., Lincot D., İŞÇİ Ü., Naghavi N., Robert M.
ACS APPLIED NANO MATERIALS, sa.12, ss.10626-10635, 2023 (SCI-Expanded)
- XV. **Supramolecular and base-induced singlet oxygen generation enhancement of a water-soluble phthalocyanine**
Smith S. M., Abalha T. F., Limon D., Samperi M., Sharma B., Plaetzer K., DUMOULIN F., Amabilino D. B., Perez-Garcia L.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.27, sa.1, ss.434-443, 2023 (SCI-Expanded)
- XVI. **Synthetic strategies towards functionalized N-bridged μ -nitrido diiron porphyrin complexes**
Eren O., DUMOULIN F., İŞÇİ Ü.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, sa.1, ss.501-508, 2023 (SCI-Expanded)
- XVII. **Phthalocyanines prepared from 4,5-dihexylthiophthalonitrile, a popular building block**
TOPKAYA TAŞKIRAN D., ŞAHİN Z., İŞÇİ Ü., İsci F.
TURKISH JOURNAL OF CHEMISTRY, sa.5, ss.814-837, 2023 (SCI-Expanded)
- XVIII. **Tetra vs. octa-How it affects the photophysical, photochemical, physicochemical and biological properties of mercaptophenol-substituted Zn phthalocyanines**
TOPKAYA TAŞKIRAN D., Aydın D., Ben Aziza H., ŞAHİN Z., İsci U., Durand D., Tazebay U. H., Gary-Bobo M., DUMOULIN F.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.26, sa.11, ss.701-707, 2022 (SCI-Expanded)
- XIX. **Far-red triplet sensitized Z-to-E photoswitching of azobenzene in bioplastics**
Bharmoria P., Ghasemi S., Edhborg F., Losantos R., Wang Z., Martensson A., Morikawa M., Kimizuka N., İsci U., DUMOULIN F., et al.
CHEMICAL SCIENCE, cilt.13, sa.40, ss.11904-11911, 2022 (SCI-Expanded)
- XX. **Nanoscaled PAMAM Dendrimer Spacer Improved the Photothermal-Photodynamic Treatment Efficiency of Photosensitizer-Decorated Confeito-Like Gold Nanoparticles for Cancer Therapy**
Saw W. S., Anasamy T., Thu Thi Anh Do T. T. A. D., Lee H. B., Chee C. F., İsci U., Misran M., DUMOULIN F., Chong W. Y., Kiew L. V., et al.
MACROMOLECULAR BIOSCIENCE, cilt.22, sa.8, 2022 (SCI-Expanded)
- XXI. **Peptoid-phthalocyanine architectures with different grafting positions: Synthetic strategy and photoproperties**
Rzeigui M., Sahin Z., Roy O., Kucuk T., Goler O., Atila D., Khiari J., DUMOULIN F., Taillefumier C.
DYES AND PIGMENTS, cilt.189, 2021 (SCI-Expanded)
- XXII. **Photodynamic inactivation of Staphylococcus aureus using tetraethylene glycol-substituted Zn(II) phthalocyanine**
Mete E., Kabay N., DUMOULIN F., Ahsen V., Kostakoglu S. T., Ergin C.
BIOTECHNIC & HISTOCHEMISTRY, cilt.96, sa.4, ss.311-314, 2021 (SCI-Expanded)
- XXIII. **Tuning of organic heterojunction conductivity by the substituents' electronic effects in phthalocyanines for ambipolar gas sensors**
Sahin Z., Meunier-Prest R., DUMOULIN F., Kumar A., İsci U., Bouvet M.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.332, 2021 (SCI-Expanded)
- XXIV. ***In vivo* phototoxic effects of a tetraethyleneglycol-substituted Zn phthalocyanine in tumor bearing rats at an enzymatic level**
Aykota M. R., Yilmaz S., Erbis H., Kabay N., Kostakoglu S. T., Ahsen V., DUMOULIN F., Yenisey C., Kabay B.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, sa.2, ss.120-127, 2021 (SCI-Expanded)
- XXV. **The unique features and promises of phthalocyanines as advanced photosensitisers for photodynamic therapy of cancer**
Lo P., Salome Rodriguez-Morgade M., Pandey R. K., Ng D. K. P., Torres T., DUMOULIN F.
CHEMICAL SOCIETY REVIEWS, cilt.49, sa.4, ss.1041-1056, 2020 (SCI-Expanded)

- XXVI. **Alkylthio-tetrasubstituted mu-Nitrido Diiron Phthalocyanines: Spectroelectrochemistry, Electrical Properties, and Heterojunctions for Ammonia Sensing**
Sahin Z., Meunier-Prest R., DUMOULIN F., Isci U., Bouvet M.
INORGANIC CHEMISTRY, cilt.59, sa.2, ss.1057-1067, 2020 (SCI-Expanded)
- XXVII. **Effect of PVP formulation on the *in vitro* photodynamic efficiency of a photosensitizing phthalocyanine**
Pehlivan E. G., Ek Y., TOPKAYA TAŞKIRAN D., Tazebay U. H., DUMOULIN F.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, sa.11-12, ss.1587-1591, 2019 (SCI-Expanded)
- XXVIII. **A3B and ABAB aminophthalocyanines: Building blocks for dimeric and polymeric constructs**
Ekren S. B., DUMOULIN F., Musluoglu E., Ahsen V., GÜNGÖR Ö.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.23, sa.11-12, ss.1448-1454, 2019 (SCI-Expanded)
- XXIX. **Phthalocyanine-based mesoporous organosilica nanoparticles: NIR photodynamic efficiency and siRNA photochemical internalization**
Ekineker G., Nguyen C., Bayir S., Dominguez Gil S., Isci U., Daurat M., Godefroy A., Raehm L., Charnay C., Oliviero E., et al.
CHEMICAL COMMUNICATIONS, cilt.55, sa.77, ss.11619-11622, 2019 (SCI-Expanded)
- XXX. **CO₂ electrochemical catalytic reduction with a highly active cobalt phthalocyanine**
Wang M., Torbensen K., Salvatore D., Ren S., Joulie D., DUMOULIN F., Mendoza D., Lassalle-Kaiser B., Isci U., Berlinguette C. P., et al.
NATURE COMMUNICATIONS, cilt.10, 2019 (SCI-Expanded)
- XXXI. **Photoproperties, PVP formulation and F-19 NMR of a Zn phthalocyanine with 24 magnetically pseudo-equivalent fluorine atoms**
Kucuk T., Alpugan S., Davarci D., Pehlivan E. G., Bayir S., Tazebay U. H., DUMOULIN F.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.23, ss.611-618, 2019 (SCI-Expanded)
- XXXII. **Preface - Women in Porphyrin Science**
DUMOULIN F., Nyokong T., Brothers P.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.23, 2019 (SCI-Expanded)
- XXXIII. **Surfactant-Free Direct Access to Porphyrin-Cross-Linked Nanogels for Photodynamic and Photothermal Therapy**
Chambre L., Saw W. S., Ekineker G., Kiew L. V., Chong W. Y., Lee H. B., Chung L. Y., Bretonniere Y., DUMOULIN F., Sanyal A.
BIOCONJUGATE CHEMISTRY, cilt.29, sa.12, ss.4149-4159, 2018 (SCI-Expanded)
- XXXIV. **Introduction to the themed issue 'Nano- and Molecular Engineering of Photosensitisers'**
DUMOULIN F.
PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES, cilt.17, sa.11, ss.1488-1489, 2018 (SCI-Expanded)
- XXXV. **Near-Infrared Activatable Phthalocyanine Poly-L-Glutamic Acid Conjugate: Enhanced *In Vivo* Safety and Antitumor Efficacy toward an Effective Photodynamic Cancer Therapy**
Cheah H. Y., Gallon E., DUMOULIN F., Hoe S. Z., Japundzic-Zigon N., Glumac S., Lee H. B., Anand P., Chung L. Y., Jesus Vicent M., et al.
MOLECULAR PHARMACEUTICS, cilt.15, sa.7, ss.2594-2605, 2018 (SCI-Expanded)
- XXXVI. **Triphenylphosphonium-substituted phthalocyanine: Design, synthetic strategy, photoproperties and photodynamic activity**
Tarhouni M., Durand D., Onal E., Aggad D., Isci U., Ekineker G., Bregier F., Jamoussi B., Sol V., Gary-Bobo M., et al.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.22, sa.7, ss.552-561, 2018 (SCI-Expanded)
- XXXVII. **Effect of the Substitution Pattern (Peripheral vs Non-Peripheral) on the Spectroscopic, Electrochemical, and Magnetic Properties of Octahexylsulfanyl Copper Phthalocyanines**
Turkmen T. A., Zeng L., Cui Y., Fidan I., DUMOULIN F., Hirel C., Zorlu Y., Ahsen V., Chernonosov A. A., Chumakov Y., et al.
INORGANIC CHEMISTRY, cilt.57, sa.11, ss.6456-6465, 2018 (SCI-Expanded)
- XXXVIII. **Photophysical properties of palladium/platinum tetrasulfonyl phthalocyanines and their application in triplet-triplet annihilation upconversion**

- Che Y., Yang W., Tang G., DUMOULIN F., Zhao J., Liu L., Isci U.
JOURNAL OF MATERIALS CHEMISTRY C, cilt.6, sa.21, ss.5785-5793, 2018 (SCI-Expanded)
- XXXIX. **Sulfanyl vs sulfonyl, 4,5-vs 3,6-position. How structural variations in phthalonitrile substitution affect their infra-red, crystallographic and Hirshfeld surface analyses**
Onal E., Okyay T. M., Ekineker G., Isci U., Ahsen V., Berber S., Zorlu Y., DUMOULIN F.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1155, ss.310-319, 2018 (SCI-Expanded)
- XL. **Cyclotriphosphazene, a scaffold for F-19 MRI contrast agents**
Onal E., Zhang C., Davarci D., Isci U., Pilet G., Whittaker A. K., DUMOULIN F.
TETRAHEDRON LETTERS, cilt.59, sa.6, ss.521-523, 2018 (SCI-Expanded)
- XLI. **Synthesis and characterization of a new meso-tetra-dihydro benzocyclobutenaphthylene free-base porphyrin**
Isci U., Topal S. Z., Onal E., Fidan I., Berber S., Ahsen V., Parejo C., Sastre-Santos A., DUMOULIN F.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.22, ss.173-180, 2018 (SCI-Expanded)
- XLII. **Disulfide-bridge dimeric porphyrin and their reference compounds for glutathione-based specific tumor-activation**
Alpugan S., TOPKAYA TAŞKIRAN D., DUMOULIN F.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.21, sa.12, ss.918-924, 2017 (SCI-Expanded)
- XLIII. **Zn phthalocyanine conjugation to H2-ul aptamer for HER2-targeted breast cancer photodynamic therapy: Design, optimization and properties**
Alpugan S., TOPKAYA TAŞKIRAN D., ATILLA D., AHSEN V., Niazi J. H., DUMOULIN F.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.21, sa.12, ss.887-892, 2017 (SCI-Expanded)
- XLIV. **Porphyrin- or phthalocyanine-bridged silsesquioxane nanoparticles for two-photon photodynamic therapy or photoacoustic imaging**
Mauriello-Jimenez C., Henry M., Aggad D., Raehm L., Cattoen X., Man M. W. C., Charnay C., Alpugan S., Ahsen V., Tarakci D. K., et al.
NANOSCALE, cilt.9, sa.43, ss.16622-16626, 2017 (SCI-Expanded)
- XLV. **Iron porphyrin-modified PVDF membrane as a biomimetic material and its effectiveness on nitric oxide binding**
Can F., Demirci O. C., DUMOULIN F., Erhan E., Arslan L. C., Ergenekon P.
APPLIED SURFACE SCIENCE, cilt.420, ss.625-630, 2017 (SCI-Expanded)
- XLVI. **Structure-Photoproperties Relationship Investigation of the Singlet Oxygen Formation in Porphyrin-Fullerene Dyads**
Onal E., Topal S. Z., Fidan I., Berber S., DUMOULIN F., Hirel C.
JOURNAL OF FLUORESCENCE, cilt.27, sa.5, ss.1855-1869, 2017 (SCI-Expanded)
- XLVII. **Assessment of the relevance of GaPc substituted with azido-polyethylene glycol chains for photodynamic therapy. Design, synthetic strategy, fluorescence, singlet oxygen generation, and pH-dependent spectroscopic behaviour**
Koc V., Topal S. Z., Tekdas D. A., Ates O. D., Onal E., DUMOULIN F., Gurek A. G., Ahsen V.
NEW JOURNAL OF CHEMISTRY, cilt.41, sa.18, ss.10027-10036, 2017 (SCI-Expanded)
- XLVIII. **Near-infrared activatable phthalocyanine-poly-L-glutamic acid conjugate: increased cellular uptake and light-dark toxicity ratio toward an effective photodynamic cancer therapy**
Kiew L. V., Cheah H. Y., Voon S. H., Gallon E., Movellan J., Ng K. H., Alpugan S., Lee H. B., DUMOULIN F., Vicent M. J., et al.
NANOMEDICINE-NANOTECHNOLOGY BIOLOGY AND MEDICINE, cilt.13, sa.4, ss.1447-1458, 2017 (SCI-Expanded)
- XLIX. **Fluorescent H-aggregates of an asymmetrically substituted mono-amino Zn(II) phthalocyanine**
Bayda M., DUMOULIN F., Hug G. L., Koput J., Gorniaka R., Wojcik A.
DALTON TRANSACTIONS, cilt.46, sa.6, ss.1914-1926, 2017 (SCI-Expanded)
- L. **Iodination improves the phototoxicity of an amphiphilic porphyrin**
TOPKAYA TAŞKIRAN D., Ng S. Y., Bretonniere Y., Lafont D., Chung L. Y., Lee H. B., DUMOULIN F.
PHOTODIAGNOSIS AND PHOTODYNAMIC THERAPY, cilt.16, ss.12-14, 2016 (SCI-Expanded)
- LI. **Spectroscopic and structural properties of bisphthalonitriles with O/S/SO2 grafting: Comparative**

theoretical and experimental studies

Ekineker G., Pilet G., Berber S., Ahsen V., DUMOULIN F., Onal E.

JOURNAL OF MOLECULAR STRUCTURE, cilt.1123, ss.261-270, 2016 (SCI-Expanded)

- LII. **Fluorination of phthalocyanine substituents: Improved photoproperties and enhanced photodynamic efficacy after optimal micellar formulations**
Pucelik B., Gurol I., Ahsen V., DUMOULIN F., Dabrowski J. M.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.124, ss.284-298, 2016 (SCI-Expanded)
- LIII. **Bisphthalonitrile with a Disulfide-Based Linker and its Dimethylene Analogue: Comparative Structural Insights**
Alpugan S., Ekineker G., Ahsen V., Berber S., Onal E., DUMOULIN F.
CRYSTALS, cilt.6, sa.8, 2016 (SCI-Expanded)
- LIV. **Subtle variations of the behavior of a silylated tetraethylene glycol-substituted Zn phthalocyanine towards acids**
Onal E., Topal S. Z., Tarhouni M., Isci U., Bassem J., Ahsen V., DUMOULIN F.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.20, ss.1182-1189, 2016 (SCI-Expanded)
- LV. **Covalent or supramolecular combinations of resorcinarenes and porphyrinoids**
DUMOULIN F., TOPKAYA TAŞKIRAN D., Yasar S., AHSEN V., İŞÇİ Ü.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, cilt.20, sa.5, ss.671-681, 2016 (SCI-Expanded)
- LVI. **Methylsulfonyl Zn phthalocyanine: A polyvalent and powerful hydrophobic photosensitizer with a wide spectrum of photodynamic applications**
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Yayın: 164
Atf (WoS): 3427
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Kongre ve Sempozyum Katılımı Faaliyetleri

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35. Ulusal Kimya Kongresi , Oturum Başkanı, Diyarbakır, Türkiye, 2024
13th International Conference on Porphyrins and Phthalocyanines (ICPP-13), Oturum Başkanı, New York, Amerika Birleşik Devletleri, 2024

Horizon Europe - ERA 2024-02 Knowledge Day and Brokerage Event, Katılımcı, Warszawa, Polonya, 2024
Executive Meeting of the European Society for Photobiology , Panelist, Bari, İtalya, 2024
RSC Advances Editorial Board meeting, Panelist, London, İngiltere, 2023
International Symposium on Inorganic and Environmental Materials (ISIEM-2023), Davetli Konuşmacı, Montpellier, Fransa, 2023
RSC Advances Editorial Board meeting, Davetli Konuşmacı, London, İngiltere, 2022
COST Connect, Katılımcı, Brussels, Belçika, 2022
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Burslar

Invited professorship Univ Paris Cité, Üniversite, 2024 - 2024
Invited professorship ENS Lyon, Üniversite, 2024 - 2024
COST Action CA21145 STSM, Diğer Uluslararası Organizasyonlar, 2023 - 2023
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