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Yoksis Araştırmacı ID: 3844

Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya/ Organik Kimya, Türkiye 1990 - 1995

Yüksek Lisans, Atatürk Üniversitesi, Fen Bilimleri, Kimya/ Organik Kimya, Türkiye 1988 - 1990

Lisans, Atatürk Üniversitesi, Fen Fak, Kimya, Türkiye 1984 - 1988

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Kimya, Organik Kimya, Hidrokarbon Kimyası, Temel Bilimler

Verdiği Dersler

ORGANİK SENTEZ TASARIMI, Doktora, 2022 - 2023

Kimya, Lisans, 2022 - 2023

Uzmanlık alan Dersi II, Doktora, 2020 - 2021

Genel Kimya Laboratuvarı II, Lisans, 2020 - 2021

Organik Kimya II, Lisans, 2020 - 2021

Organik Kimya I, Lisans, 2020 - 2021

Uzmanlık Alan Dersi I, Doktora, 2020 - 2021

Genel Kimya Labaratuvarı , Lisans, 2020 - 2021

Bilimsel Bilgiye Erişim Bilgiyi sunma, Doktora, 2015 - 2016

Yönetilen Tezler

DAŞTAN A., İndolün Brominasyonu ve Yeni Triazatruksenlerin Sentezi, Doktora, E.Karaoğlu(Öğrenci), 2017

Jüri Üyelikleri

Akademik Kadroya Atama-Profesörlük, Akademik Kadroya Atama-Profesörlük, Sultan Qaboos University, Şubat, 2023

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Fluorometric and colorimetric sensor for selective detection of cyanide anion by dibenzosuberone-based dihydropyridazine in aqueous solution**
ACAR M., DAŞTAN A., Koçak R.
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- II. **Catalyst/Metal/Solvent-Free Markovnikov Hydrothiolation of Unactivated Alkenes with Dithiocarbamic Acids**
Halimehjeni A. Z., Dagalan Z., Marjani Z., Gunduz F., Daştan A., Nişancı B.
JOURNAL OF ORGANIC CHEMISTRY, cilt.89, sa.8, ss.5353-5362, 2024 (SCI-Expanded)
- III. **P-type π -conjugated BTPDS-8 organic molecule for broadband hybrid photodetector with organic/inorganic heterostructure**
Ganjehyan K., YILDIRIM F., Erdoğan M., DAŞTAN A., AYDOĞAN Ş.
SENSORS AND ACTUATORS A-PHYSICAL, cilt.367, 2024 (SCI-Expanded)
- IV. **Bromination of endo-7-norbornene derivatives revisited: failure of a computational NMR method in elucidating the configuration of an organic structure**
Gültekin D., Daştan A., Taşkesenligil Y., Kazaz C., Zorlu Y., Balci M.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, cilt.19, ss.764-770, 2023 (SCI-Expanded)
- V. **Selectfluor and TBAX (Cl, Br) Mediated Oxidative Chlorination and Bromination of Olefins**
Dagalan Z., Kocak R., DAŞTAN A., NİŞANCI B.
ORGANIC LETTERS, cilt.24, ss.8261-8264, 2022 (SCI-Expanded)
- VI. **Highly efficient hydrogenation and dehydrogenation of N-Heteroarenes catalyzed by mesoporous graphitic carbon nitride supported CoPd alloy nanoparticles**
Dağalan Z., Can H., Daştan A., Nişancı B., Metin Ö.
TETRAHEDRON, cilt.114, 2022 (SCI-Expanded)
- VII. **Transition-Metal-Free Synthesis of 4-Alkynylquinazolines**
UÇAR S., DAŞTAN A.
EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, cilt.2022, sa.13, 2022 (SCI-Expanded)
- VIII. **Recent Advances in the Transition-Metal-Free Arylation of Hetero-arenes**
UÇAR S., DAŞTAN A.
SYNTHESIS-STUTTGART, cilt.53, sa.23, ss.4353-4374, 2021 (SCI-Expanded)
- IX. **Theoretical Studies on the Mechanism of the Formation of Cyclopentadienes and Dihydropyridazines**
Halooman D., Rhyman L., Dalkilic E., DAŞTAN A., Elzagheid M., Domingo L. R., Ramasami P.
CHEMISTRYSELECT, cilt.6, sa.37, ss.9806-9813, 2021 (SCI-Expanded)
- X. **Dibenzosuberone-Based Photo- and Thermochromic Switches, a Transformation: Rearrangement of Dibenzosuberones to Spiro Anthrones**
Kocak R., DAŞTAN A.
ORGANIC LETTERS, cilt.23, sa.11, ss.4483-4487, 2021 (SCI-Expanded)
- XI. **Design, synthesis, characterization, and anticancer activity of a novel series of O-substituted chalcone derivatives**
Ngameni B., Cedric K., Mbaveng A. T., Erdogan M., Simo I., Kuete V., DAŞTAN A.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, cilt.35, 2021 (SCI-Expanded)
- XII. **Synthesis of dibenzosuberone-based novel polycyclic pi-conjugated dihydropyridazines, pyridazines and pyrroles**
Kocak R., DAŞTAN A.
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- XIII. **Synthesis and structural characterization of novel O-substituted phenolic and chalcone derivatives with antioxidant activity**
Ngameni B., Erdogan M., Kuete V., Dalkilic E., Ngadjui B. T., DAŞTAN A.
JOURNAL OF CHEMICAL RESEARCH, cilt.45, sa.1-2, ss.159-165, 2021 (SCI-Expanded)
- XIV. **Transition Metal-Free Heteroarylation of Quinoxaline: Construction of Heteroaryl-Fused Phenazines by Oxidative Coupling**
UÇAR S., DAŞTAN A.
Journal of Organic Chemistry, cilt.85, sa.23, ss.15502-15513, 2020 (SCI-Expanded)
- XV. **One-pot homo- and cross-coupling of diazanaphthalenes via C-H substitution: Synthesis of Bis- and Tris-diazanaphthalenes**
UÇAR S., DAŞTAN A.
JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.57, sa.11, ss.4013-4022, 2020 (SCI-Expanded)
- XVI. **Design, synthesis, and characterization of a new class of efficient dihydropyridazine-dibenzosuberone derived fluorescent dyes and investigation of their some photophysical properties**
Erdogan M., DAŞTAN A.
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- XVII. **Monodisperse CuPt alloy nanoparticles assembled on reduced graphene oxide as catalysts in the transfer hydrogenation of various functional organic groups**
GANJEHYAN K., Nisançi B., SEVİM M., DAŞTAN A., Metin O.
APPLIED ORGANOMETALLIC CHEMISTRY, cilt.33, sa.5, 2019 (SCI-Expanded)
- XVIII. **1,2-Dibromotetrachloroethane: an efficient reagent for many transformations by modified Appel reaction**
Essiz S., DAŞTAN A.
TURKISH JOURNAL OF CHEMISTRY, cilt.43, sa.1, ss.150-156, 2019 (SCI-Expanded)
- XIX. **Aromatic stacking of a perylene tetracarboxylic tetraester: Self-assembly in both water and chloroform**
NİŞANCI B., DAŞTAN A., BOZDEMİR Ö. A.
Tetrahedron Letters, cilt.59, sa.39, ss.3558-3562, 2018 (SCI-Expanded)
- XX. **Synthesis of Pyridazine and Pyrrole Analogues of 2-Aminotetralin as Potential Dopaminergics**
Koçak R., DAŞTAN A., SARAÇOĞLU N.
JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.55, sa.6, ss.1489-1493, 2018 (SCI-Expanded)
- XXI. **One hundred years of benzotropone chemistry**
DAŞTAN A., KILIÇ H., SARAÇOĞLU N.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, cilt.14, ss.1120-1180, 2018 (SCI-Expanded)
- XXII. **The Dibenzosuberone Scaffold as a Privileged Substructure: From Synthesis to Application**
DAŞTAN A., KILIÇ H., SARAÇOĞLU N.
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- XXIII. **Highly diastereoselective synthesis of a novel functionalized triepoxytrinaphthylene**
Erdogan M., EŞSİZ S., Fabris F., DAŞTAN A.
ARKIVOC, ss.134-143, 2018 (SCI-Expanded)
- XXIV. **Synthesis of an F-BODIPY [2]catenane using the chemistry of bis(dipyrrinato) metal complexes**
NİŞANCI B., Sahinoglu S., Tuner E., ARIK M., Kani I., DAŞTAN A., BOZDEMİR Ö. A.
CHEMICAL COMMUNICATIONS, cilt.53, sa.92, ss.12418-12421, 2017 (SCI-Expanded)
- XXV. **Access to polysubstituted naphthalenes and anthracenes via a retro-Diels-Alder reaction**
Akin E. T., Erdoğan M., Daştan A., SARAÇOĞLU N.
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- XXVI. **Dihydropyridazine-appended dibenzosuberones as a new class of fluorophores: Application to fluoride sensing**
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- XXVII. **Unexpected regioselectivity observed in the bromination and epoxidation reactions of p-benzoquinone-fused norbornadiene: An experimental and computational study**
Essiz S., DALKILIC E., Sari O., DAŞTAN A., Balci M.
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- XXVIII. **Bromination of quinoxaline and derivatives: Effective synthesis of some new brominated quinoxalines**
UCAR S., Essiz S., DAŞTAN A.
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- XXIX. **Hemisynthesis and Spectroscopic Characterization of Three New Chalcone Derivatives from *Dorstenia barteri***
NGAMENI B., FOTSO G. W., AMBASSA P., KAMGA J., DAŞTAN A., NGADJUI B. T.
CHEMISTRY OF NATURAL COMPOUNDS, cilt.53, sa.2, ss.241-247, 2017 (SCI-Expanded)
- XXX. **Novel eugenol derivatives: Potent acetylcholinesterase and carbonic anhydrase inhibitors**
Topal F., GÜLÇİN İ., DAŞTAN A., Guney M.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.94, ss.845-851, 2017 (SCI-Expanded)
- XXXI. **Synthesis of Some Novel Norbornene-Fused Pyridazines as Potent Inhibitors of Carbonic Anhydrase and Acetylcholinesterase**
KOCAK R., AKIN E. T., KALIN P., Talaz O., SARAÇOĞLU N., DAŞTAN A., GÜLÇİN İ., Durdagi S.
JOURNAL OF HETEROCYCLIC CHEMISTRY, cilt.53, sa.6, ss.2049-2056, 2016 (SCI-Expanded)
- XXXII. **Heterogeneous Catalytic Reductive Amination of Carbonyl Compounds with Ni-Al Alloy in Water as Solvent and Hydrogen Source**
Schäfer C., Nişancı B., Bere M. P., DAŞTAN A., Török B.
Synthesis (Germany), cilt.48, sa.18, ss.3127-3133, 2016 (SCI-Expanded)
- XXXIII. **Effective bromo and chloro peroxidation catalysed by tungsten(VI) amino triphenolate complexes**
BADETTI E., ROMANO F., MARCHIO L., Taskesenlioglu S., DAŞTAN A., ZONTA C., LICINI G.
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- XXXIV. **Graphene-supported NiPd alloy nanoparticles: A novel and highly efficient heterogeneous catalyst system for the reductive amination of aldehydes**
NİŞANCI B., Ganjehyan K., Metin Ö., DAŞTAN A., Török B.
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- XXXV. **Synthesis of a Novel Benzocyclootrimer with One Rigid and One Flexible Electron-Rich Cavity**
BOLZAN A., BORTOLUZZI M., BORSATO G., FABBRO C., DAŞTAN A., DE LUCCHI O., FABRIS F.
HELVETICA CHIMICA ACTA, cilt.98, sa.8, ss.1067-1074, 2015 (SCI-Expanded)
- XXXVI. **Synthesis of cyclopentadiene derivatives by retro-Diels-Alder reaction of norbornadiene derivatives**
DALKILIC E., DAŞTAN A.
TETRAHEDRON, cilt.71, sa.13, ss.1966-1970, 2015 (SCI-Expanded)
- XXXVII. **Twisted Baskets**
Hermann K., Pratumyot Y., Polen S., Hardin A. M., Dalkilic E., DAŞTAN A., Badjic J. D.
CHEMISTRY-A EUROPEAN JOURNAL, cilt.21, sa.9, ss.3550-3555, 2015 (SCI-Expanded)
- XXXVIII. **Synthesis and use of "clickable" bay-region tetrasubstituted perylene tetracarboxylic tetraesters and a perytene monoimide diester as energy acceptors**
AYDIN E., NİŞANCI B., Acar M., DAŞTAN A., BOZDEMİR Ö. A.
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- XXXIX. **Oxidation of cyanobenzocycloheptatrienes: Synthesis, photooxygenation reaction and carbonic anhydrase isoenzymes inhibition properties of some new benzotropone derivatives**
Guney M., Coskun A., TOPAL F., DAŞTAN A., GÜLÇİN İ., SUPURAN C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.22, sa.13, ss.3537-3543, 2014 (SCI-Expanded)
- XL. **Trapping of Organophosphorus Chemical Nerve Agents in Water with Amino Acid Functionalized Baskets**
Ruan Y., DALKILIC E., Peterson P. W., Pandit A., DAŞTAN A., Brown J. D., Polen S. M., Hadad C. M., Badjic J. D.
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- XLII. Norbornanoid Chiral Ketones by Desymmetrization of Dibromoalkenes**
Koçak R., BORSATO G., DE LUCCHI O., DAŞTAN A.
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- XLIII. A Molecular Claw: A Dynamic Cavitand Host**
Hermann K., Nakhla M., Gallucci J., Dalkilic E., DAŞTAN A., Badjic J. D.
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION, cilt.52, sa.43, ss.11313-11316, 2013 (SCI-Expanded)
- XLIV. Stereoconvergent Generation of a Contrasteric syn-Bicyclopropylidene (=syn-Cyclopropylidenecyclopropane) by Stille-Like Coupling**
Güney M., Essiz S., DAŞTAN A., Balci M., DE LUCCHI O., ŞAHİN E., FABRIS F.
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- XLV. Nucleophilic substitution of bromonorbornenes and derivatives by electron transfer reactions**
CRESPO ANDRADA K. F., PEISINO L. E., GÜNEY M., DAŞTAN A., PIERINI A. B.
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- XLVI. Environmentally benign synthesis of heterocyclic compounds by combined microwave-assisted heterogeneous catalytic approaches**
Dastan A., KULKARNI A., TOEROEK B.
GREEN CHEMISTRY, cilt.14, sa.1, ss.17-37, 2012 (SCI-Expanded)
- XLVII. Bromination of 2,3-dihydrobenzobarrelene and synthesis of its mono- and dibromide derivatives: unexpected Wagner-Meerwein rearrangement on silica gel**
Essiz S., SENGUL M. E., ŞAHİN E., DAŞTAN A.
TURKISH JOURNAL OF CHEMISTRY, cilt.35, sa.4, ss.587-598, 2011 (SCI-Expanded)
- XLVIII. Low and high temperature bromination of 2,3-dicarbomethoxy and 2,3-dicyano benzobarrelene: unexpected substituent effect on bromination**
TASKESENLIOĞLU S., DAŞTAN A., DALKILIC E., GÜNEY M., Abbasoglu R.
NEW JOURNAL OF CHEMISTRY, cilt.34, sa.1, ss.141-150, 2010 (SCI-Expanded)
- XLIX. Synthesis and Diels-Alder cycloaddition reaction of norbornadiene and benzonorbornadiene dimers**
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- L. The first and efficient synthesis of some of the polyhalogenated benzobarrelenes: unusual formation of a benzosemibullvalene derivative**
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- LI. Novel and versatile protocol for the preparation of functionalized benzocyclotrimers**
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- LII. Carbonic anhydrase inhibitors. Inhibition of human erythrocyte isozymes I and II with a series of antioxidant phenols**
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- LIII. Structural Analysis of endo- and exo-Benzocyclobutenonorbornene-Dibromides by Using H-1, C-13 NMR and X-Ray Diffraction Techniques.**
ŞAHİN E., ANIL B., DAŞTAN A., KAZAZ C.
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- LIV. Bromination of Tetrachlorobenzobarrelene: Polyhalogenated Benzobicyclics**
SENGUL M. E., GULTEKIN D., Essiz S., DAŞTAN A.
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- LIV. Bromination of norbornene derivatives: synthesis of brominated norbornanes and norbornenes**
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- LV. The effect of the double bond pyramidalization on the mode of the bromination reaction: Bromination of benzobicyclononadiene**

- BALCI M., GUNAY M., DASTAN A., AZIZOGLU A.
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- LVI. **Oxidation of some alkoxy-cycloheptatriene derivatives: unusual formation of furan and furanoids from cycloheptatrienes**
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- LVII. **Synthesis of dimeric phenol derivatives and determination of in vitro antioxidant and radical scavenging activities**
GULCIN I., DASTAN A.
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- LVIII. **(1RS, 2RS, 3SR, 4SR, 9RS)-1,2,3,9-tetrabromo-1,2,3,4-tetrahydro-1,4-methanonaphthalene**
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- LIX. **High temperature bromination of benzobicyclo[2.2.2]octa-2,5-diene derivatives: alternative synthesis of di-, tri- and tetra-bromobenzobarrelenes**
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- LX. **Bromination of isomeric 7,8-dibromobenzobicyclo[2.2.2]octa-2,5-dienes: neighbouring group effect on bromination**
DASTAN A.
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- LXI. **High temperature bromination. Part 18: Bromination of benzonorbornadiene derivatives: Polybrominated benzonorbornenes and benzonorbornadienes**
DASTAN A., BALCI M.
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- LXII. **Bromination of endo- and exo-benzocyclobutenonorbornene derivatives: neighbour group effect on bromination**
UZUNDUMLU E., DASTAN A.
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- LXIII. **Substituent effects of the cycloaddition reaction of 7-substituted 5H-benzocycloheptenes with singlet oxygen and the chemistry of the benzocycloheptene endoperoxides**
GUNAY M., CEYLAN Z., DASTAN A., BALCI M.
CANADIAN JOURNAL OF CHEMISTRY, cilt.83, sa.3, ss.227-235, 2005 (SCI-Expanded)
- LXIV. **(+/-)-(1SR,8RS,10RS)-9.9.10-tribromotricyclo[6.2.1.0(2,7)]undeca-2,4,6-triene**
ERSANLI C., CORUH U., HOKELEK T., VAZQUEZ-LOPEZ E., DASTAN A.
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- LXV. **Chemistry of the benzotropone endoperoxides and their conversion into tropolone derivatives: Unusual endoperoxide rearrangements**
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- LXVI. **(1RS,8SR,9RS,10RS,11RS,12RS)-10,11-Dibromotetracyclo[6.4.2.0(2,7).0(9,12)]tetradeca-2,4,6,13-tetraene**
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- LXVII. **An investigation on the synthesis of new molecular architectures from the cyclotrimerisation of exo- and endo-benzotricyclo[4.2.1.0(2,5)]nonene**
DASTAN A., UZUNDUMLU E., BALCI M., FABRIS F., DE LUCCHI O.
EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, sa.1, ss.183-192, 2004 (SCI-Expanded)
- LXVIII. **Cyclotrimerization of 'Oxabenzonorbornadiene': Synthesis of syn- and anti-5,6,11,12,17,18-hexahydro-5,18:6,11 : 12,17-triepoxytrinaphthylene**
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- LXIX. **Bromination of tricyclo[7.2.1.0(2,7)]dodeca-2,4,6,10-tetraene derivatives: Electronic and neighboring group effects on bromination**
Dastan A.
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- LXX. **Cyclotrimerization of benzobarrelene: Synthesis of new isomeric barrelene architectures**
Dastan A., FABRIS F., DE LUCCHI O., GUNAY M., BALCI M.
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- LXXI. **Bromination of tricyclo[7.2.1.0(2,7)]dodeca-2,4,6,10-tetraene derivatives: Highly brominated benzobicyclic systems**
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- LXXII. **The di-pi-methane photorearrangement of 2,3-disubstituted benzobarrelenes and benzonorbornadiene - Substituent effects in regioselectivity**
ALTUNDAS R., DASTAN A., UNALDI N., GUVEN K., UZUN O., BALCI M.
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- LXXIII. **Bromination of 2,3-dibromobenzobarrelene at different conditions: Highly brominated benzobicyclic systems**
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