

Prof. MURAT KADİR ŞÜKÜROĞLU

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AHA-9552-2022

ScopusID: 8712463200

Yoksis Researcher ID: 47553

Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (Dr), Turkey 1998 - 2004

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (YI) (Tezli), Turkey 1995 - 1998

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1990 - 1995

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Bazı 4,6-disübstitüe-3(2H)-piridazinon türevi bileşiklerin sentezi ve analjezik etkilerinin incelenmesi, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (Dr), 2004

Postgraduate, Merkaptoasetik Asit'xxin beta-nitrostirenlerle verdiği katılma ürünlerinin sentezi ve antimikrobiyal aktivitelerinin incelenmesi, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (YI) (Tezli), 1998

Research Areas

Health Sciences

Academic Titles / Tasks

Associate Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2014 - Continues

Lecturer PhD, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2006 - 2014

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 1995 - 2006

Academic and Administrative Experience

Fakülte Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2019 - 2022

Fakülte Yönetim Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2016 - 2019
Gazi University, Eczacılık Fakültesi, 2016 - 2018

Courses

FARMASÖTİK KİMYA II, Undergraduate, 2021 - 2022

Jury Memberships

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, February, 2022

Post Graduate, Post Graduate, Anadolu Üniversitesi, January, 2022

Doctorate, Doctorate, Anadolu Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, August, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, August, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, August, 2021

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, June, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, June, 2021

Post Graduate, Post Graduate, Anadolu Üniversitesi, January, 2020

Post Graduate, Post Graduate, Anadolu Üniversitesi, January, 2020

Doctorate, Doctorate, Gazi Üniversitesi, January, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Design, synthesis, molecular docking studies and biological evaluation of thiazole carboxamide derivatives as COX inhibitors**
Hawash M., Jaradat N., Abualhasan M., ŞÜKÜROĞLU M. K., Qaoud M. T. T., KAHRAMAN D. C., Daraghme H., Maslamani L., Sawafta M., Ratrou A., et al.
BMC CHEMISTRY, vol.17, no.1, 2023 (SCI-Expanded)
- II. **The potential of 4-aryl-6-morpholino-3(2H)-pyridazinone-2-arylpiperazinylacetamide as a new scaffold for SIRT2 inhibition: in silico approach guided by pharmacophore mapping and molecular docking**
ŞÜKÜROĞLU M. K., GÖZELLE M., ÖZKAN Y., EREN G.
MEDICINAL CHEMISTRY RESEARCH, vol.30, no.10, pp.1915-1924, 2021 (SCI-Expanded)
- III. **Synthesis and bioactivities of pyrazoline benzensulfonamides as carbonic anhydrase and acetylcholinesterase inhibitors with low cytotoxicity**
Ozgun D. O., GÜL H. İ., YAMALI C., Sakagami H., GÜLÇİN İ., Sukuroglu M. K., Supuran C. T.
BIOORGANIC CHEMISTRY, vol.84, pp.511-517, 2019 (SCI-Expanded)
- IV. **Evaluation of Tryptophan/Kynurenine Pathway Relevance With Immune System Biomarkers of Low Energy Trauma Hip Fractures in Osteoporotic Patients**
Dincel E., Özkan Y., Sukuroglu M. K., Ozsoy H., Sepici Dinçel A.
ARCHIVES OF RHEUMATOLOGY, vol.32, no.3, pp.203-208, 2017 (SCI-Expanded)
- V. **Synthesis of some 3(2H)-pyridazinone and 1(2H)-phthalazinone derivatives incorporating aminothiazole moiety and investigation of their antioxidant, acetylcholinesterase, and butyrylcholinesterase inhibitory activities**
Yamali C., Gulcan H. O., Kahya B., Cobanoglu S., Şüküroğlu M. K., Doğruer D. S.
MEDICINAL CHEMISTRY RESEARCH, vol.24, no.3, pp.1210-1217, 2015 (SCI-Expanded)
- VI. **Synthesis and Cytotoxic Activities of a Curcumin Analogue and Its bis-Mannich Derivatives**

Yerdelen K. O., GÜL H. İ., Sakagami H., Umemura N., Sukuroglu M. K.

LETTERS IN DRUG DESIGN & DISCOVERY, vol.12, no.8, pp.643-649, 2015 (SCI-Expanded)

- VII. **Crystal Structure and Vibrational Spectra of 3-Chloro-4-Phenyl-6-(Morpholine-4-yl)-Pyridazine by Hartree-Fock and Density Functional Methods**
AYDIN A., ARSLAN H., Sukuroglu M. K., AKKURT M., BÜYÜKGÜNGÖR O.
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, vol.606, no.1, pp.216-236, 2015 (SCI-Expanded)
- VIII. **Synthesis of new N,N '-bis[1-aryl-3-(piperidine-1-yl)propylidene]hydrazine dihydrochlorides and evaluation of their cytotoxicity against human hepatoma and breast cancer cells**
Kucukoglu K., GÜL H. İ., Cetin-Atalay R., Baratlı Y., Charles A., Sukuroglu M. K., GÜL M., Geny B.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.29, no.3, pp.420-426, 2014 (SCI-Expanded)
- IX. **Relation of Kynurenine/Tryptophan with Immune and Inflammatory Markers in Coronary Artery Disease**
Özkan Y., Şüküroğlu M. K., Tulmac M., Kısa Ü., Simsek B.
CLINICAL LABORATORY, vol.60, no.3, pp.391-396, 2014 (SCI-Expanded)
- X. **Synthesis of Some New 3(2H)-Pyridazinone Derivatives and Evaluation of their Analgesic-anti-inflammatory and Antimicrobial Activities**
Sukuroglu M. K., Yamali C., Tiryaki D., Onurdag F. K., AKKOL E., DOĞRUER D. S.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.10, no.6, pp.507-514, 2013 (SCI-Expanded)
- XI. **Synthesis of some new 2,6-disubstituted-3(2H)-pyridazinone derivatives and investigation of their analgesic, anti-inflammatory and antimicrobial activities**
Tiryaki D., Sukuroglu M. K., DOĞRUER D. S., AKKOL E., Ozgen S., Sahin M. F.
MEDICINAL CHEMISTRY RESEARCH, vol.22, no.6, pp.2553-2560, 2013 (SCI-Expanded)
- XII. **In vivo and in vitro antidiabetic effect of Cistus laurifolius L. and detection of major phenolic compounds by UPLC-TOF-MS analysis**
Orhan N., ASLAN M., Sukuroglu M. K., DELİORMAN ORHAN D.
JOURNAL OF ETHNOPHARMACOLOGY, vol.146, no.3, pp.859-865, 2013 (SCI-Expanded)
- XIII. **Synthesis and in vitro Biological Activity of New 4,6-Disubstituted 3(2H)-Pyridazinone-acetohydrazide Derivatives**
Sukuroglu M. K., ÖNKOL T., Onurdag F. K., AKALIN ÇİFTÇİ G., Sahin M. F.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.67, pp.257-265, 2012 (SCI-Expanded)
- XIV. **UPLC-TOF-MS analysis of Galium spurium towards its neuroprotective and anticonvulsant activities**
Orhan N., DELİORMAN ORHAN D., ASLAN M., Sukuroglu M. K., ERDOĞAN ORHAN İ.
JOURNAL OF ETHNOPHARMACOLOGY, vol.141, no.1, pp.220-227, 2012 (SCI-Expanded)
- XV. **Simultaneous Determination of Paracetamol, Phenylephrine Hydrochloride, Oxolamine Citrate and Chlorpheniramine Maleate by HPLC in Pharmaceutical Dosage Forms**
Pirol O., Sukuroglu M. K., Ozden T.
E-JOURNAL OF CHEMISTRY, vol.8, no.3, pp.1275-1279, 2011 (SCI-Expanded)
- XVI. **2-{2-[4-(4-Fluorophenyl)piperazin-1-yl]-2-oxoethyl}-6-(morpholin-4-yl)-4-phenylpyridazin-3(2H)-one**
AYDIN A., Sukuroglu M. K., AKKURT M., BÜYÜKGÜNGÖR O.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.67, 2011 (SCI-Expanded)
- XVII. **Screening and evaluation of antioxidant activity of some pyridazine derivatives**
Caliskan-Erguen B., Suekueroglu M. K., ÇOBAN T., BANOĞLU E., SÜZEN S.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.23, no.2, pp.225-229, 2008 (SCI-Expanded)
- XVIII. **Synthesis of the amide derivatives of 3-[1-(3-pyridazinyl)-5-phenyl-1H-pyrazole-3-yl]propanoic acids as potential analgesic compounds**
BANOĞLU E., Sukuroglu M. K., Ergun B., BAYTAŞ S., Aypar E., Aark M.
TURKISH JOURNAL OF CHEMISTRY, vol.31, no.6, pp.677-687, 2007 (SCI-Expanded)
- XIX. **Screening and evaluation of rat kidney aldose reductase inhibitory activity of some pyridazine derivatives**

- Sukuroglu M. K., Caliskan-Ergun B., Das-Evcimen N., Sarikaya M., Banođlu E., Suzen S.
MEDICINAL CHEMISTRY RESEARCH, vol.15, pp.443-451, 2007 (SCI-Expanded)
- XX. **Synthesis and analgesic activity of some 4,6-disubstituted-3(2H)-pyridazinone derivatives**
Sukuroglu M. K., Kupeli E., BANOĐLU E., Unlu S., Yesilada E., Sahin M. F.
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.56, no.5, pp.337-345, 2006 (SCI-Expanded)
- XXI. **Synthesis, analgesic, and anti-inflammatory activities of [6-(3,5-dimethyl-4-chloropyrazole-1-yl)-3(2H-pyridazinon-2-yl)]acetamides**
Sukuroglu M. K., Ergun B., Unlu S., Sahin M., Kupeli E., Yesilada E., BANOĐLU E.
ARCHIVES OF PHARMACAL RESEARCH, vol.28, no.5, pp.509-517, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **In vitro antidiabetic effect, quantitative studies and UPLC-TOF-MS analysis of black tea samples from Turkish market**
Orhan N., Ekin H. N., ŐKÜROĐLU M. K., ASLAN M.
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.3, pp.484-497, 2019 (ESCI)
- II. **Release Pattern of Liposomal Bupivacaine in Artificial Cerebrospinal Fluid**
Duzlu A. U., Gunaydin B., ŐKÜROĐLU M. K., Degim I. T.
TURKISH JOURNAL OF ANAESTHESIOLOGY AND REANIMATION, vol.44, no.1, pp.1-6, 2016 (ESCI)
- III. **Crystal structure of 4-(4-chlorophenyl)-6-(morpholin-4-yl)pyridazin-3(2H)-one**
AYDIN A., AKKURT M., Sukuroglu A., BÜYÜKGÜNGÖR O.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.71, pp.944-951, 2015 (ESCI)

Books & Book Chapters

- I. **Antipiretik ilaçlar**
Őükürođlu M. K.
in: Medisinal Kimya, Mehmet Alp, Editor, Akademisyen, Ankara, pp.885-902, 2021
- II. **Reseptörler: Yapı ve İşlevi**
ŐKÜROĐLU M. K., ÖZKAN Y.
in: Medisinal Kimya Giriş, Prof. Dr. Öztekin Algül, Editor, Ankara Nobel Tıp Kitapevleri, Ankara, pp.44-60, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **İrbesartan Amlodipine ve Hidroklorotiyazid in UPLC Yöntemi ile Tayini**
ŐKÜROĐLU M. K., ÖNKOL T., ÖZDEN S. T.
3. İlaç Kimyası Kongresi, Antalya, Turkey, 20 - 22 March 2015
- II. **UPLC Yöntemi İle İrbesartan, Amlodipin ve Hidroklorotiyazid' in Eş Zamanlı Tayini ve Yöntem Validasyonu**
Kahın T. N., ŐKÜROĐLU M. K., Can A., ÖNKOL T., Er E., ÖZDEN S. T.
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 17 - 20 March 2016
- III. **THE EFFECTS OF INFLIXIMAB AND 3 AMINOBENZAMIDE ONINDOLAMINE 2 3 DIOXYGENASE IDO ENZYMEIN TNBS INDUCED COLITIS MODEL**
Bostancı Eker N., Sepici Dinçel A., Őükürođlu M. K., Menekşe E., Dolapçı M., Cengiz Ö., Özkan Y.
INTERNATIONAL GAZI PHARMA SYMPOSIUM, Antalya, Turkey, 12 - 15 November 2015, pp.137
- IV. **Analytical Method Development and Validation For Simultaneous Determination of Irbesartan Amlodipinhydrochlorothiazide by UPLC**

KALIN T., ŞÜKÜROĞLU M. K., CAN A., ÖNKOL T., ER E., ÖZDEN S. T.

1st International Gazi Pharma Symposium Series (GPSS-2015), 12 - 15 November 2015

- V. **A New UPLC Method for the simultaneous determination of irbesartan amlodipine and hydrochloride** 22 nd Young Research Fellows Meetings 4 6 February 2015 Paris France
NURIYE TUĞÇE K., ŞÜKÜROĞLU M. K., ÖZDEN S. T., ÖNKOL T., ER E., CAN A.
22 nd Young Research Fellows Meetings, Paris, France, 20 - 22 February 2015
- VI. **A New UPLC Method for the Simultaneous Determination of Irbesartan Amlodipine and Hydrochlorthiazide**
Kalin T. N., ŞÜKÜROĞLU M. K., Can A., ÖNKOL T., Er E., ÖZDEN S. T.
22 nd Research Fellows Meeting, 4 - 06 February 2015
- VII. **Compounds Having Antiplatelet Activity: 3(2H) pyridazinone**
ŞÜKÜROĞLU M. K., ÖZKAN Y.
European Platelet Network 2nd EUPLAN Conference, Le Bischenberg, France, 24 September 2014
- VIII. **Synthesis of Some 3(2H)-Pyridazinone and 1(2H)-Phthalazinone Derivatives Incorporating Aminothiazole Moiety and Investigation of Their Antioxidant, Acetylcholinesterase and Butyrylcholinesterase Inhibitory Activities.**
DOĞRUER D. S., YAMALI C., KILIÇ B., OLĞAÇ S., ŞÜKÜROĞLU M. K.
XXIII International Symposium on Medicinal Chemistry (EFMC-ISMC2014), Lizbon, Portugal, 7 - 11 September 2014
- IX. **THE EVALUATION OF THE TRYPTOPHAN AND KYNURENINE PATHWAY IN OSTEOPOROTIC HIP FRACTURES**
Dincel E. V., Ozkan Y., Sukuroglu M. K., Dincel A. S., Ozsoy H. M., Sepici V.
World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases, Sevilla, Spain, 2 - 05 April 2014, vol.25
- X. **Release pattern of liposomal bupivacaine in artificial cerebrospinal fluid**
DÜZLÜ A., GÜNAYDIN D. B., ŞÜKÜROĞLU M. K., DEĞİM İ. T.
SOAP 45th Annual Meeting, 24 - 28 April 2013
- XI. **Tryptophan degradation, neopterin levels and myeloperoxidase activity in patients with coronary artery disease**
Ozkan Y., Sukuroglu M. K., Tulmac M., Simsek B.
36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.290
- XII. **Synthesis of The Addition Products of Mercaptoacetic Acid with α -Nitrostyrene and their Antimicrobial Activities**
Şüküroğlu M. K., Berçin E., Özçelik B., Noyanalpan N.
" Second International Meeting on Pharmacy & Pharmaceutical Sciences, İstanbul, Turkey, 6 - 09 September 1998, pp.1-2

Supported Projects

Özkan Y., Olğaç S., Şüküroğlu M. K., Yenicesu İ., TUBITAK Project, Platelet Agregasyonunda Glikoprotein IV (GPVI) Yolağının Moleküler Etki Mekanizmasının Araştırılması, 2017 - 2020

ÖNKOL T., ŞÜKÜROĞLU M. K., Industrial Thesis Project, Dünyada İlk Süper Jenerik Tablet Kombinasyonu İçin Formül Analik Metod ve Proses Geliştirme Faaliyetlerinin Yapılması, 2013 - 2015

ŞÜKÜROĞLU M. K., Project Supported by Higher Education Institutions, N-ASETİLSİSTEN ETKEN MADDESİNİN DMF (ANA İLAÇ DOSYASI) DOSYASININ HAZIRLANMASI, 2012 - 2015

ŞÜKÜROĞLU M. K., Project Supported by Higher Education Institutions, N ASETİLSİSTEN ETKEN MADDESİNİN DMF ANA İLAÇ DOSYASI DOSYASININ HAZIRLANMASI, 2012 - 2015

ŞÜKÜROĞLU M. K., Project Supported by Higher Education Institutions, Yeni 6-Aril-2-Substitue-3(2H)-Piridazinon Türevi Bileşiklerin Sentezi ve Kolinesteraz İnhibitör Etkilerinin Araştırılması, 2011 - 2013

ŞÜKÜROĞLU M. K., Project Supported by Higher Education Institutions, 2-Substitue-3(2H)-Piridazinon Türevi Bileşiklerin

Sentezi ve Biyolojik Etkilerinin İncelenmesi, 2010 - 2013

ŞÜKÜROĞLU M. K., Project Supported by Higher Education Institutions, 4,6-Disubstitue-3(2H)-Piridazinon Türevi Schiff Bazlarının Sentezi ve Biyolojik Aktivitelerinin İncelenmesi, 2009 - 2010

ŞÜKÜROĞLU M. K., Project Supported by Higher Education Institutions, Yeni 3 (2H)-Piridazinon türevlerinin sentezi ve analjezik ve antiinflamuar aktivitelerinin incelenmesi, 2005 - 2008

Memberships / Tasks in Scientific Organizations

Türk Farmasötik ve Medisinal Kimya Derneği, Board Member, 2019 - 2021, Turkey

Scientific Refereeing

European Journal of Life Sciences, Other Indexed Journal, March 2022

Scientific Consultations

TİTCK-TÜRKİYE İLAÇ VE TIBBİ CİHAZ KURUMU, Scientific Consultancy, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, Turkey, 2015 - Continues

Metrics

Publication: 38

Citation (WoS): 368

Citation (Scopus): 412

H-Index (WoS): 12

H-Index (Scopus): 12