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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-5911-2015

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Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Genel Biyoloji Programı, Turkey 2009 - 2015

Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Genel Biyoloji Programı, Turkey 2005 - 2009

Undergraduate, Istanbul University, Faculty Of Science, Biyoloji, Turkey 2001 - 2005

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, Real-Time PCR Çalıştayı, Arel Üniversitesi Moleküler Biyoloji ve Genetik, 2013

Health&Medicine, Deney Hayvanları Kullanım Kursu, İ.Ü.,Hayvan Deneyleri Yerel Etik Kurulu,DETAE, 2012

Health&Medicine, Temel Kök Hücre Teknikleri ve Moleküler Biyoloji Kursu, Kocaeli Üni,KÖGEM, 2009

Dissertations

Doctorate, Sıçan prostat kanseri modelinde voltaj kapılı Na kanal aktivitesinin Gabapentin ile değerlendirilmesi: in vitro ve in vivo analizler, Istanbul University, Institute Of Graduate Studies In Sciences, Fen Fakültesi Bölümü, 2015

Postgraduate, Dunning Sıçan Prostat Tümör Sıvısının Mat-LyLu Hücreleri Üzerine Etkisi, Istanbul University, Institute of Graduate Studies In Sciences, Genel Biyoloji Programı, 2009

Research Areas

Life Sciences, Animal Biology, Animal Tissue Culture, Molecular Biology and Genetics, Molecular Biology of Cancer, Natural Sciences

Academic Titles / Tasks

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Brain Boron Level, DNA Content, and Myeloperoxidase Activity of Metformin-Treated Rats in Diabetes and Prostate Cancer Model**
Ozel A. B., Dagsuyu E., Aydin P. K., Bugan I., Bulan O. K., Yanardag R., YARAT A.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.3, pp.1164-1170, 2022 (SCI-Expanded)
- II. **The protective effect of metformin against testicular damage in diabetes and prostate cancer model**
Aydin P. K., Karabulut-Bulan O., Bugan I., Turkyilmaz I. B., Altun S., Yanardag R.
CELL BIOCHEMISTRY AND FUNCTION, vol.40, no.1, pp.60-70, 2022 (SCI-Expanded)
- III. **Histological and biochemical investigation of the renoprotective effects of metformin in diabetic and prostate cancer model**
Koroglu-Aydin P., BAYRAK B. B., Bugan I., Karabulut-Bulan O., YANARDAĞ R.
TOXICOLOGY MECHANISMS AND METHODS, vol.31, no.7, pp.489-500, 2021 (SCI-Expanded)
- IV. **Anti-metastatic effect of ranolazine in an in vivo rat model of prostate cancer, and expression of voltage-gated sodium channel protein in human prostate**
Bugan I., Kucuk S., Karagoz Z., FRASER S. P., KAYA H., DODSON A., FOSTER C. S., Altun S., DJAMGOZ M. B. A.
PROSTATE CANCER AND PROSTATIC DISEASES, vol.22, no.4, pp.569-579, 2019 (SCI-Expanded)
- V. **Anti-metastatic effect of riluzole on Mat-LyLu rat prostate cancer cell line**
Uzun S., ALTUN S., BUGAN İ.
ANNALS OF ONCOLOGY, vol.28, 2017 (SCI-Expanded)
- VI. **Gabapentin, an Analgesic Used Against Cancer-Associated Neuropathic Pain: Effects on Prostate Cancer Progression in an In Vivo Rat Model**
Bugan I., Karagoz Z., Altun S., Djamgoz M. B. A.
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.118, no.3, pp.200-207, 2016 (SCI-Expanded)
- VII. **Inhibitory effects of dunning rat prostate tumor fluid on proliferation of the metastatic MAT-LyLu cell line**
BUGAN İ., Altun S.
Asian Pacific Journal of Cancer Prevention, vol.16, no.2, pp.831-836, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Riluzole and ranolazine application of prostate cancer: Cancer related testicular and liver tissue damage**
Koroğlu P., Bugan Gül İ.
Experimental Biomedical Research, vol.5, no.1, pp.10-22, 2022 (Peer-Reviewed Journal)
- II. **Drug repurposing: Metformin's effect against liver tissue damage in diabetes and prostate cancer model**
Aydin P. K., TÜRKYILMAZ İ. B., Gul İ., BULAN N. Ö., YANARDAĞ R.
Journal of Diabetes and Metabolic Disorders, 2022 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Protective effects of metformin against diabetes-induced lens damage and dunning prostate cancer model**
TÜRKYILMAZ İ. B., KÖROĞLU AYDIN P., BUGAN İ., BULAN N. Ö., YANARDAĞ R.
3. EBAT Congress, Antalya, Turkey, 04 November 2021, pp.80

- II. **Metformin protects against diabetes-induced pancreas injury and dunning prostate cancer model**
ERTİK O., KÖROĞLU AYDIN P., BUGAN İ., BULAN N. Ö., YANARDAĞ R.
2nd International Congress on Medical Sciences and Biotechnology, Uşak, Turkey, 1 - 03 October 2020, pp.380
- III. **Metforminin Dunning Prostat Kanseri Modelinde Karaciğer Hasarı Üzerine Etkileri**
TÜRKYILMAZ İ. B., Köroğlu P., BUGAN İ., BULAN N. Ö., YANARDAĞ R.
"XI. Aziz Sancar DETAE Günleri", İstanbul, Turkey, 28 - 29 November 2019, pp.11
- IV. **Ranolazine and Riluzole Combination in Prostate Cancer Proliferation**
ÖNEN C., BUGAN İ., ALTUN S., Djamgoz M.
International Congress on Biological and Medical Sciences, Niğde, Turkey, 31 October - 03 November 2018, no.8, pp.103
- V. **Protective effects of metformin against liver damage in Dunning rat prostate cancer model**
TÜRKYILMAZ İ. B., Köroğlu P., BULAN N. Ö., BUGAN İ., YANARDAĞ R.
7.Multidisipliner Kanser Araştırma &1. Temel Onkoloji Kongresi Uluslararası Katılımlı, İzmir, Turkey, 11 - 14 October 2018, pp.156
- VI. **Anti-metastatic effect of riluzole on Mat-LyLu rat prostate cancer cell line**
Uzun S., Altun S., Bugan İ.
ESMO Asia Congress, Singapore, Singapore, 17 - 19 November 2017, vol.28
- VII. **New Study on Metformin Action Against Testicular Injury: Prostate ,Cancer, Diabetes and Diabetes - Cancer Connection**
Koroğlu P., Karabulut Bulan O., Turkyılmaz İ. B., Bugan İ., YANARDAĞ R., BULAN N. Ö.
13 th Multinational Congress on Microscopy, Rovinj, Croatia, 24 - 29 September 2017, pp.385-386
- VIII. **The Role of Metformin on the Rat Prostate Cancer Cells: Proliferation and Lateral Motility**
BUGAN İ., ALTUN S., BULAN N. Ö., DJAMGOZ M.
1.Uluslararası Kanser ve İyon Kanalları Kongresi, Şanlıurfa, Turkey, 21 - 23 September 2017, pp.106
- IX. **Dunning prostat kanseri modelinde karaciğer hasarı ve metformin**
Köroğlu P., BULAN N. Ö., TÜRKYILMAZ İ. B., BUGAN İ., ALTUN S., YANARDAĞ R.
23. Ulusal Elektron Mikroskopi Kongresi (Uluslararası Katılımlı), Antalya, Turkey, 19 - 21 May 2017, pp.19
- X. **Protective effects of metformin against testicular damage in Dunning rat prostate cancer model**
Köroğlu P., BULAN N. Ö., TÜRKYILMAZ İ. B., BUGAN İ., ALTUN S., YANARDAĞ R.
15th International Congress of Histochemistry and Cytochemistry, Antalya, Turkey, 18 - 21 May 2017, pp.279
- XI. **Metformin diyabet ve Prostat kanseri modelinde testiküler hasarı düzeltir**
Köroğlu P., Bulan N. Ö., Turkyılmaz İ. B., Bugan İ., Altun S., Yanardağ R.
The 16th European Microscopy Congress, Lyon, France, 28 August - 02 September 2016, pp.6179
- XII. **Metformin Ameliorates Testicular Damage in Diabetes and Prostate Cancer Model**
Koroğlu P., Karabulut Bulan Ö., TÜRKYILMAZ İ. B., BUGAN İ., ALTUN S., YANARDAĞ R.
The 16 th European Microscopy Congress 2016, Lyon, France, 28 August - 02 September 2016, vol.LS03-050
- XIII. **Prostat kanserli sıçanların testislerinde metforminin anti-oksitatif etkisi**
Köroğlu P., BULAN N. Ö., TÜRKYILMAZ İ. B., Bugan İ., Altun S., YANARDAĞ R.
Uluslararası Katılımlı XIII. Ulusal Histoloji ve Embriyoloji Kongresi, İzmir, Turkey, 30 April - 03 May 2016, pp.493-494
- XIV. **EFFECTS OF RILUZOLE ON HISTOPATHOLOGY OF TESTES IN RAT PROSTATE CANCER MODEL**
Köroğlu P., BULAN N. Ö., ALTUN S., BUGAN İ., Karagöz Z., Djamgoz M. B.
12. Mutinational Congress on Microscopy, Eger, Hungary, 23 - 28 August 2015, pp.145
- XV. **4T1 Meme Kanseri Üzerine TTX'in Etkisi ve Ortotopik Model**
BUGAN İ., ALTUN S.
IV. Multidisipliner Kanser Araştırma Kongresi, Bursa, Turkey, 1 - 04 December 2012, pp.6
- XVI. **Prostat Kanseri Metastazı Üzerine Gabapentinin Etkisi.**
Karagöz Z., ALTUN S., BUGAN İ., Djamgoz M.
IV. Multidisipliner Kanser Araştırma Kongresi, Bursa, Turkey, 1 - 04 December 2012, pp.5
- XVII. **Prostat Kanseri Metastazına Karşı, Voltaj Kapılı Sodyum Kanal Blokeri Olarak Gabapentin?**
ALTUN S., Gümüştan H., BUGAN İ., Karagöz Z., Djamgoz M.

21. Ulusal Biyoloji kongresi, İzmir, Turkey, 1 - 04 September 2012, pp.302-303

XVIII. Vinpocetine ve Docosaehaenoic Acid'in Mat-LyLu Sıçan Prostat Kanseri Hücrelerinin Hareketi Üzerine Etkileri

ALTUN S., GÜMÜŞHAN H., BUGAN İ., Fraser S., EROL Z., Djamgoz M.

23. Ulusal Biyokimya Kongresi, Adana, Turkey, 1 - 04 December 2011, vol.36

XIX. Dunning Prostat Tümör Sıvısının, In Vitro Prostat Tümör Hücreleri Üzerindeki Antiproliferatif Etkisi

ALTUN S., Yıldırım Ş., Gümüşhan H., Djamgoz M., BUGAN İ.

XVII. Ulusal Kanser Kongresi, Antalya, Turkey, 1 - 04 April 2007, pp.198

Memberships / Tasks in Scientific Organizations

Moleküler Kanser Araştırma Derneği, Member, 2012 - Continues

Metrics

Publication: 28

Citation (WoS): 38

Citation (Scopus): 46

H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

1. Uluslar Arası Gen-Arel Moleküler Biyoloji ve Genetik Öğrenci Kongresi, Attendee, Arel Üniversitesi Tepekent Kampüsü/İstanbul , Turkey, 2013

IV. Multidisipliner Kanser Araştırma Kongresi, Attendee, Bursa, Turkey, 2012

21. Ulusal Biyoloji Kongresi, Attendee, İzmir, Turkey, 2012

19. Ulusal Biyoloji Kongresi, Attendee, Trabzon, Turkey, 2008

II. Multidisipliner Kanser Araştırmaları Sempozyumu, Attendee, Bursa, Turkey, 2008

XVII. Ulusal Kanser Kongresi, Attendee, Antalya, Turkey, 2007