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Personal Information

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Education Information

Doctorate, Boğaziçi Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1984 - 1990

Post Graduate, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1981 - 1984

Under Graduate, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1971 - 1976

Foreign Languages

English, C1 Advanced

Research Areas

Health Sciences

Academic Titles / Tasks

Associate Professor, Marmara University, School of Medicine, Basic Medical Sciences, 2012 - Continues

Assistant Professor, Marmara University, School of Medicine, Basic Medical Sciences, 1996 - Continues

Lecturer PhD, Marmara University, School of Medicine, Basic Medical Sciences, 1991 - 1996

Professional Experience

Head of Department, Marmara University, School of Medicine, Basic Medical Sciences, 2009 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Effect of extremely low frequency electromagnetic fields on bacterial membrane**
ÖNCÜL Ş., Cuce E. M., Aksu B., Garip A. I.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.92, no.1, pp.42-49, 2016 (Journal Indexed in SCI)
- II. **Antioxidants May Protect Cancer Cells from Apoptosis Signals and Enhance Cell Viability**
Akan Z., Garip A. I.
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.14, no.8, pp.4611-4614, 2013 (Journal Indexed in SCI)
- III. **Effect of extremely low frequency electromagnetic fields on growth rate and morphology of bacteria**
Inhan-Garip A., Aksu B., Akan Z., AKAKIN D., ÖZAYDIN A. N., San T.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.87, no.12, pp.1155-1161, 2011 (Journal Indexed in SCI)
- IV. **Extremely Low-Frequency Electromagnetic Fields Affect the Immune Response of Monocyte-Derived**

Macrophages to Pathogens

Akan Z., Aksu B., Tulunay A., Bilsel S., Inhan-Garip A.

BIOELECTROMAGNETICS, vol.31, no.8, pp.603-612, 2010 (Journal Indexed in SCI)

V. EFFECT OF ELF-EMF ON NUMBER OF APOPTOTIC CELLS; CORRELATION WITH REACTIVE OXYGEN SPECIES AND HSP

Garip A. I., Akan Z.

ACTA BIOLOGICA HUNGARICA, vol.61, no.2, pp.158-167, 2010 (Journal Indexed in SCI)

VI. Differentiation of K562 Cells Under ELF-EMF Applied at Different Time Courses

Ayşe I., Zafer A., Sule O., Isil I., Kalkan T.

ELECTROMAGNETIC BIOLOGY AND MEDICINE, vol.29, no.3, pp.122-130, 2010 (Journal Indexed in SCI)

VII. Effect of ELF-EMF on K562 cell differentiation in the presence or absence of quercetin and heat-shock

Garip-Inhan A., Isal-Tugut I., Kalkan M. T.

BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.21, no.2, pp.182-185, 2007 (Journal Indexed in SCI)

Articles Published in Other Journals

I. Synergistic Effects of 4-Aminopyridine and Paclitaxel on MCF 7 Cell Line

Aydoğmuş E. M. C., Garip G. A.

CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.9, no.4, pp.321-327, 2019 (Journal Indexed in ESCI)

II. Çok Düşük Frekanslı Elektromanyetik Alanların Lenfositlerin Membran Potansiyellerine Etkisi

GARİP G. A., MEGA TİBER P.

MARMARA MEDICAL JOURNAL, vol.21, no.3, pp.238-246, 2008 (Other Refereed National Journals)

III. EFFECTS OF EXTREMELY LOW FREQUENCY ELECTROMAGNETIC FIELDS ON BIOLOGICAL SYSTEMS

GARİP G. A.

MARMARA MEDICAL JOURNAL, vol.16, no.2, pp.131-144, 2003 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

I. Esra M. Cüce Aydoğmuş, Şule Öncül, , G. Ayşe Inhan Garip. Effect of 4- Aminopyridine on Paclitaxel Activity on MDA- MB 435 Breast Cancer Cell Line.

Cüce Aydoğmuş M. E., ÖNCÜL Ş., GARİP G. A.

International Congress on Biological and Medical Sciences 2018 31 October-03 November 2018, Nigde / TURKEY, 31 October - 03 November 2018

II. Synergistic effect of 4-aminopyridine and paclitaxel on MDA-MB 231 breast cancer cell line.

Cüce Aydoğmuş M. E., GARİP G. A.

VI. International Congress of Molecular Medicine , 22-25 May 2017, İstanbul Turkey, 22 - 25 May 2017

III. Effect of 4aminopyridine on paclitaxel activity in MCF7 cell line.

Cüce Aydoğmuş M. E., GARİP G. A.

6. Interdisciplinary Multidisciplinary Cancer Research Congress. 27-30 October 2016 Konya, Turkey, 27 - 30 October 2016

IV. Effect of Extremely Low Frequency Electromagnetic Fields on breast cancer cell lines correlation with transmembrane potential.

GARİP G. A., Cüce Aydoğmuş M. E., ÖNCÜL Ş., ÖZBAŞ TURAN S.

EMBO, Physical Biology of Cancer, 7-10 March 2013, Candiolo, Torino, Italy, 7 - 10 March 2013

V. E.M. Cuce, S. Oncul, B. Aksu , A Inhan Garip. Electromagnetic fields cause changes in electrical properties of bacterial membrane. Proceedings - 7th International Workshop on Biological Effects of EMF - October 2012 (Malta)

Cüce M. E., ÖNCÜL Ş., AKSU M. B., GARİP G. A.

7th International Workshop on Biological Effects of EMF - October 2012 (Malta), 8 - 12 October 2012

- VI. **Effect of extremely low frequency electromagnetic fields on biofilm formation of S.epidermitis correlation to surface charge and hydrophobicity**
AKSU M. B. , Cüce M. E. , GARİP G. A.
3. Uluslararası Hücre Zarları ve Oksidatif Stres Kongresi: Kalsiyum Sinyali ve TRP Kanalları, 22 – 27 Haziran 2010, Isparta, Turkey, 22 - 27 June 2010
- VII. **Z.Akan, A.Tolunay, A. İnhan Garip. Antioxidants may protect cancer cells against apoptosis and increase cell viability.**
AKAN Z., TULUNAY A., GARİP G. A.
ICDS International Cell Death Society Symposium, May, 28-31 2010, Kemer, Turkey, 28 - 31 May 2010
- VIII. **Effect of Extremely low frequency electromagnetic fields on Bacteria.**
AKAN Z., GARİP G. A. , AKSU M. B.
7th European Biophysics Congress. Genoa, Italy, 11 - 15 July 2009
- IX. **. Çok Düşük Frekanslı Elektromanyetik Alanların Bakteri Çoğalmasına Etkisinin ROT seviyesi ile ilişkisi**
MEGA TİBER P., AKSU M. B. , GARİP G. A.
2. Uluslararası Hücre Zarları ve Oksidatif Stres Kongresi: Kalsiyum Sinyali ve TRP Kanalları, Isparta Turkey, 25 - 28 June 2008
- X. **The effect of Extremely Low Frequency Electromagnetic Fields (ELF-EMF) on Apoptosis and HSP70 Protein Expression levels of K562 Human leukemia Cell , Montevidep. Uruguay**
AKAN Z., GARİP G. A.
6th International Conference of Biological Physics- ICBP 2007, 5th Southern Cone Biophysics Congress, 27 - 31 August 2007
- XI. **Effect of ELF-EMF on Apoptosis of K562 Cell Line Induced with Quercetin and Oxidative Stress. ,**
AKAN Z., TULUNAY A., GARİP G. A.
IV.International Workshop on Biological Effects of Electromagnetic Fields, 16 - 20 October 2006
- XII. **Effect of ELF-EMF and heat-shock on the quercetin and hemin induced differentiation of K562 cell line.**
İşal I., GARİP G. A. , KALKAN M. T.
III.International Workshop on Biological Effects of Electromagnetic Fields., 4 - 08 October 2004
- XIII. **Differentiation of K562 Cell Line Under The Effect of High Extracellular Magnesium and Extremely Low Frequency Electromagnetic Fields**
GARİP G. A. , ÖNCÜL Ş., KALKAN M. T.
13th Balkan Biochemical Biophysical Days Meeting on Metabolic Disorders, 12 - 15 October 2003
- XIV. **Changes in morphology and membrane potential of lymphocytes induced by extremely low frequency electromagnetic fields.**
MEGA TİBER P., Klymchenko A., ÖZ ARSLAN D., ARBAK S., ERCAN F., GARİP G. A.
II.International Workshop on Effects of Electromagnetic Fields., 7 - 14 October 2002
- XV. **The effects of low frequency electromagnetic fields on the membrane potential of lymphocytes.**
MEGA TİBER P., Klymchenko A., ÖZ ARSLAN D., GARİP G. A.
!2. Balkan Biochemical and Biophysical Days., 10 - 13 May 2000

Citations

Total Citations (WOS):128

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