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International Researcher IDs

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Education Information

Doctorate, Gazi University, Fen Fakültesi, Fizik, Turkey 2000 - 2017

Dissertations

Doctorate, Gamma knife uygulamalarında dikkate alınmayan inhomojenite etkilerinin araştırılması, Gazi University, Fen Bilimleri Enstitüsü, 2017

Postgraduate, Furanil oksazol ve furanil izoksazol moleküllerinin yapısal, elektronik ve çizgisel olmayan optik özelliklerinin teorik incelenmesi, Gazi University, Fen Bilimleri Enstitüsü, 2008

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Lecturer, Gazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2009 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Anterior selective targeting for radiosurgical treatment of trigeminal neuralgia: a cohort study**
Sozer A., Tufek O. Y., Sahin M. B., Sahin M. C., Dagli Ö., Borcek A. O., Emmez H., Kurt G., Kale A., Aykol S., et al.
ACTA NEUROCHIRURGICA, vol.166, no.1, 2024 (SCI-Expanded)
- II. **Stereotactic radiosurgery for tumors of the pineal region: A single-center experience**
ZEYNAL M., KARAASLAN B., DAĞLI Ö., BÖRCEK A. Ö., KURT G., KADIOĞLU H. H., EMMEZ Ö. H.
Medicine (United States), vol.102, no.27, 2023 (SCI-Expanded)
- III. **A Monte Carlo Study for Soft Tissue Equivalency of Potential Polymeric Biomaterials Used in Carbon Ion Radiation Therapy**
Ekinci F., BOSTANCI G. E., GÜZEL M. S., DAĞLI Ö.
Nuclear Technology, vol.209, no.8, pp.1229-1239, 2023 (SCI-Expanded)
- IV. **Effect of different embolization materials on proton beam stereotactic radiosurgery Arteriovenous**

Malformation dose distributions using the Monte Carlo simulation code

Ekinci F., Bostanci E., Guzel M. S., Dagli O.

JOURNAL OF RADIATION RESEARCH AND APPLIED SCIENCES, vol.15, no.3, pp.191-197, 2022 (SCI-Expanded)

V. Stereotactic radiosurgery for cerebral cavernous malformation: comparison of hemorrhage rates before and after stereotactic radiosurgery.

Karaaslan B., Gülsuna B., Erol G., Dağlı Ö., Emmez H., Kurt G., Çeltikçi E., Börcek A. Ö.

Journal of neurosurgery, vol.136, no.3, pp.655-661, 2021 (SCI-Expanded)

VI. Proton Therapy for Mandibula Plate Phantom

Senirkentli G. B., Ekinci F., Bostanci E., GÜZEL M. S., DAĞLI Ö., Karim A. M., Mishra A.

HEALTHCARE, vol.9, no.2, 2021 (SCI-Expanded)

Articles Published in Other Journals

I. Demographics of intracranial metastatic disease patients undergoing radiosurgical treatment

Sözer A., Şahin M. Ç., Erol G., Tüfek O. Y., Dağlı Ö., Karaaslan B.

Türk Nöroşirürji Dergisi, vol.34, 2024 (Peer-Reviewed Journal)

II. Simulation based analysis of 4He, 7Li, 8Be and 10B ions for heavy ion therapy

Ekinci F., BOSTANCI G. E., GÜZEL M. S., DAĞLI Ö.

International Journal of Radiation Research, vol.21, no.1, pp.131-137, 2023 (Scopus)

III. Recoil Analysis for Heavy Ion Beams

Ekinci F., Bostancı G. E., Güzel M. S., Dağlı Ö.

Aksaray University Journal of Science and Engineering, vol.6, no.2, pp.123-134, 2022 (Peer-Reviewed Journal)

IV. ANALYSING THE EFFECT OF A CRANIUM THICKNESS ON A BRAGG PEAK RANGE IN THE PROTON THERAPY: A TRIM AND GEANT4 BASED STUDY

Ekinci F., Bostanci E., Guzel M. S., Dagil Ö.

ST PETERSBURG POLYTECHNIC UNIVERSITY JOURNAL-PHYSICS AND MATHEMATICS, vol.15, no.2, pp.64-78, 2022 (ESCI)

V. ANALYSIS OF BRAGG CURVE PARAMETERS AND LATERALSTRAGGLE FOR PROTON AND CARBON BEAMS

Ekinci F., Dağlı Ö., Bostancı G. E., Güzel M. S.

Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, vol.63, pp.32-41, 2021 (Peer-Reviewed Journal)

VI. GEANT4 BASED DOSIMETRY EVALUATION FOR GAMMA KNIFE USING DIFFERENT PHANTOM MATERIALS

Dağlı Ö., Bostancı G. E., Emmez Ö. H., Kurt G., Ekinci F., Güzel M. S.

Communications Faculty of Sciences University of Ankara Series A2-A3: Physical Sciences and Engineering, vol.63, pp.118-126, 2021 (Peer-Reviewed Journal)

VII. Analysis of Radiation Dose Distribution Inhomogeneity Effects in Gamma Knife Radiosurgery using Geant4

DAĞLI Ö., TANIR A. G., KURT G.

Journal of Polytechnic, 2020 (ESCI)

Books

I. Geant-4 Monte Carlo Simülasyon Kodu Kullanılarak Farklı Embolizasyon Malzemelerinin Gamma Knife Arteriyovenöz Malformasyon Doz Dağılımları Üzerindeki Etkisinin İstatistiksel Analizi

Dağlı Ö., Bostancı G. E., Emmez Ö. H., Ekinci F., Börcek A. Ö., Çeltikçi E., Güzel M. S., Karaaslan B.

in: Contemporary Trends in Human and Health Sciences Research, Prof. Dr. Ali Bilgili, Editor, INSAC KONGRE, Ankara, pp.373-384, 2022

II. Serebral AVM'lerde Radyocerrahi

BULDUK E. B., DAĞLI Ö., EMMEZ Ö. H.

in: Nöroradyocerrahi, Peker Selçuk, Emmez Hakan, Editor, Elekta Yayınevi, pp.75-104, 2017

Papers Published in Refereed Scientific Meetings

- I. **DEVELOPMENT OF A DEEP LEARNING-BASED SYSTEM FOR THE AUTOMATIC CLASSIFICATION OF BRAIN METASTASES**
Rahimova S., Ebnou K., DAĞLI Ö., GÜZEL M. S., EKİNCİ F.
INTERNATIONAL GEVHER NESİBE HEALTH SCIENCES CONFERENCE-XIV, Ankara, Turkey, 01 March 2025
- II. **Anterolateral Kafa Tabanı Radyocerrahisi**
DAĞLI Ö.
7. Kafa Tabanı Kongresi, Ankara, Turkey, 23 February 2025
- III. **Comparison of Different Embolization Materials on Gamma Knife Arteriovenous Malformation Dose Distributions**
DAĞLI Ö., BOSTANCI G. E., EMMEZ Ö. H., EKİNCİ F., TANIR A. G.
4th International Conference on Theoretical and Experimental Studies for Nuclear Applications and Technology (TESNAT), Antalya, Turkey, 20 April 2018
- IV. **Material Selection for Gamma Knife Phantoms**
Dağlı Ö., Bostancı G. E., Kurt G., Ekinci F., Tanır A. G.
4th International Conference on Theoretical and Experimental Studies for Nuclear Applications and Technology (TESNAT), Antalya, Turkey, 20 April 2018
- V. **Geant Based Simulation of Gamma Knife Applications**
Dağlı Ö.
International Conference on Theoretical and Applied Computer Science and Engineering, Ankara, Turkey, 10 November 2017
- VI. **Structure, Electronic and Nonlinear Optical Properties of Furyloxazoles and Thienyloxazoles**
DAĞLI Ö., Gök R., BAHAT M., ÖZBAY A.
International Physics Conference at the Anatolian Peak (IPCAP), Erzurum, Turkey, 25 - 27 February 2016, vol.707

Supported Projects

KAYMAZ A. M., BÖRCEK A. Ö., EMMEZ Ö. H., DAĞLI Ö., ERPOLAT Ö. P., Project Supported by Higher Education Institutions, Gamma Knife Kullanılarak Yapılan Fraksiyonel Tedavilerin Standart Tek Seans Tedavilerle Karşılaştırılması, 2021 - 2024

Metrics

Publication: 21

Citation (WoS): 43

Citation (Scopus): 38

H-Index (WoS): 4

H-Index (Scopus): 3