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Research Areas

Health Sciences

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **CuFe₂O₄ decorated with BSA as a potential nanoradioenhancer for enhanced X-ray radiation therapy of brain tumor**
YARAY K., Rashidzadeh H., Mozafari F., Rezaeejam H., Moghaddam Z. K., ERTAŞ Y. N., Danafar H.
Chemical Papers, vol.77, no.11, pp.7187-7196, 2023 (SCI-Expanded)
- II. **CuFe₂O₄ decorated with BSA as a potential nanoradioenhancer for enhanced X-ray radiation therapy of brain tumor**
YARAY K., Rashidzadeh H., Mozafari F., Rezaeejam H., Moghaddam Z. K., ERTAŞ Y. N., Danafar H.
CHEMICAL PAPERS, no.11, pp.7187-7196, 2023 (SCI-Expanded)
- III. **Evaluation of the radiation protection effectiveness of a lead-free homopolymer in cone beam computed tomography**
Saribal G. Ş., CANGER E. M., YARAY K.
Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, vol.136, no.1, pp.91-101, 2023 (SCI-Expanded)
- IV. **Chemoradiation therapy of 4T1 cancer cells with methotrexate conjugated platinum nanoparticles under X-Ray irradiation**
YARAY K., Norbakhsh A., Rashidzadeh H., Mohammadi A., Mozafari F., Ghaffarlou M., Mousazadeh N., Ghaderzadeh R., Ghorbani Y., Nasehi L., et al.
Inorganic Chemistry Communications, vol.150, 2023 (SCI-Expanded)
- V. **Preparation of alginate coated Pt nanoparticle for radiosensitization of breast cancer tumor**
Rashidzadeh H., Seidi F., Ghaffarlou M., Salehiabar M., Charmi J., YARAY K., Nosrati H., ERTAŞ Y. N.
International Journal of Biological Macromolecules, vol.233, 2023 (SCI-Expanded)
- VI. **Comparison of total body irradiation plus cyclophosphamide with busulfan plus cyclophosphamide as conditioning regimens in patients with acute lymphoblastic leukemia undergoing allogeneic hematopoietic stem cell transplant.**
Eroglu C., Pala C., KAYNAR L., YARAY K., AKSÖZEN M. T., Bankir M., ZARARSIZ G., ORHAN O., GÜNDOĞ M., YILDIZ O. G., et al.
Leukemia & lymphoma, vol.54, no.11, pp.2474-9, 2013 (SCI-Expanded)
- VII. **Experimental posterior perforating ocular injury in rabbit eyes: Effects of radiotherapy with or without intravitreal cyclosporin on vitreous proliferation**
KARAKUCUK S., SOYUER S., Oner A., Soyuer I., Yaray K., Mirza E., Baskol G., Akin A. T.
OPHTHALMOLOGICA, vol.220, no.1, pp.6-11, 2006 (SCI-Expanded)

- VIII. **Comparison of the effects of laser and ultrasound treatments on experimental wound healing in rats**
DEMİR H., YARAY S., Kirnap M., YARAY K.
JOURNAL OF REHABILITATION RESEARCH AND DEVELOPMENT, vol.41, no.5, pp.721-727, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Enhanced In Vivo Radiotherapy of Breast Cancer Using Gadolinium Oxide and Gold Hybrid Nanoparticles**
Nosrati H., Salehiabar M., Charmi J., YARAY K., Ghaffarlou M., BALCIOĞLU E., ERTAŞ Y. N.
ACS Applied Bio Materials, vol.6, no.2, pp.784-792, 2023 (ESCI)
- II. **Evaluation of volumetric modulated arc therapy (VMAT) - based total body irradiation (TBI) in pediatric patients**
YARAY K., Damulira E.
REPORTS OF PRACTICAL ONCOLOGY AND RADIOTHERAPY, vol.26, no.4, pp.518-527, 2021 (ESCI)
- III. **The Use of High-Volume Endorectal Balloon is Effective to Reduce Doses of Rectum and Bladder in Prostate Cancer Patients Treated with Linac-Based Stereotactic Body Radiotherapy**
GÜNDOĞ M., BAŞARAN H., ORHAN O., YARAY K., AKSÖZEN M. T., KIRAZ E., EROĞLU C.
Turkish Journal of Oncology, vol.35, no.4, pp.451-458, 2020 (ESCI)
- IV. **A Comparative Study of Radiation Doses and Treatment Area Dependence in Thermoluminescence Dosimetry Systems and Metal Oxide Semiconductor Field Effect Transistors**
Eda K. P., Barlas Us S., YARAY K., EROĞLU C., Bahar D., SOYUER S.
J Turgut Ozal Med Cent, 2015 (Peer-Reviewed Journal)
- V. **Investigation of the effect of larynx air cavity on Co-60 and 6 MV photon beams**
Bayraktar D., Yaray K., Orhan O., Çalışır A.
Sağlık Bilimleri Dergisi, vol.21, no.2, pp.112-119, 2012 (Peer-Reviewed Journal)
- VI. **Calibration of gamma rays with LiF thermoluminescence dosimeters**
AKSÖZEN M. T., YARAY K., GÜNDOĞ M., EROĞLU C.
TURK ONKOLOGI DERGISI-TURKISH JOURNAL OF ONCOLOGY, vol.27, no.1, pp.24-28, 2012 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **NÖRAL PROGENİTOR HÜCRE KOMPARTMANI HİPOKAMPUS GLİOBLASTOMALI OLGULARDA İNLANMALI MI?**
ASLAN D., GÜNDOĞ M., YILDIZ O. G., aytekin a., YARAY K., AKSÖZEN M. T., KURTSOY A.
XII. ULUSAL RADYASYON ONKOLOJİSİ KONGRESİ, Antalya, Turkey, 20 - 24 April 2016
- II. **Comparison of total body irradiation plus cyclophosphamide with busulfan plus cyclophosphamide as conditioning regimes in patients with acute lymphoblastic leukaemia undergoing allogeneic haematopoietic stem cell transplantation**
EROĞLU C., PALA Ç., KAYNAR L., YARAY K., AKSÖZEN M. T., Bankir M., ZARARSIZ G., ORHAN O., GÜNDOĞ M., YILDIZ Ö., et al.
39th Annual Meeting of the European-Group-for-Blood-and-Marrow-Transplantation (EBMT), London, Canada, 7 - 10 April 2013, vol.48
- III. **ÜÇ BOYUTLU PROSTAT RADYOTERAPİSİNDE FARKLI AÇI DEĞERLERİNE SAHİP 5 VE 7 ALANLI TEDAVİ TEKNİKLERİNİN KARŞILAŞTIRILMASI**
AKSÖZEN M. T., YARAY K., MENTEŞ S., LALE A., EROĞLU C., GÜNDOĞ M., ZARARSIZ G., SOYUER S.
X. ULUSAL RADYASYON ONKOLOJİSİ KONGRESİ, Antalya, Turkey, 19 - 23 April 2012, pp.237-238
- IV. **Üç Boyutlu Konformal Prostat Radyoterapisinde Farklı Açı Değerlerine Sahip 5 ve 7 Alanlı Tedavi Tekniklerinin Karşılaştırılması**
AKSÖZEN M. T., YARAY K., MENTEŞ S., LALE A., EROĞLU C., GÜNDOĞ M., ZARARSIZ G., SOYUER S.

10. Ulusal Radyasyon Onkoloji Kongresi, Antalya, Turkey, 1 - 04 April 2012, pp.237-238

V. Co-60 Teleterapi Cihazında Portal Film Kartlarının Oluřturulması

YILDIRIM S., BORA H., YARAY K., KARAHACIOĐLU E.

2.Ulusal Radyasyon Onkolojisi Kongresi Perissia Hotel / Ürgüp, Ürgüp-Nevşehir, Turkey, 5 - 09 September 1996, pp.163

VI. Co-60 Teleterapi Ünitesinde, Penumra Alanındaki Radyasyonun Fare Kemik İliđi ve Germinativ Doku Hücreleri Kromozomlarının Etkilerinin Arařtırılması

ÖZKUL Y., CÜCER N., Temuçin K., Özdamar S., KARAHACIOĐLU E., YARAY K., YILDIRIM S.

XII. Gevher Nesibe Tıp Günleri, Kayseri, Turkey, 11 - 14 May 1994, pp.92

Supported Projects

HAKTANIR T., SERT H., Project Supported by Higher Education Institutions, 50 MM, 100 MM, VE 150 MM ÇAPLI, BOYU UZUNLUĐUNA EŐİT BETON KAROT NUMUNE BASINÇ, 2009 - 2010

Metrics

Publication: 25

Citation (WoS): 108

Citation (Scopus): 117

H-Index (WoS): 5

H-Index (Scopus): 5

Non Academic Experience

Erciyes Üniversitesi Tıp Fakültesi