

## Assoc. Prof. EKİM GÜMELER

### Personal Information

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### International Researcher IDs

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### Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Radyoloji, Turkey 2010 - 2015

Undergraduate, Hacettepe University, Tıp Fakültesi, Turkey 2003 - 2009

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Health&Medicine, European Diploma in Radiology, European Society of Radiology, 2014

### Dissertations

Expertise In Medicine, Sternum Gelişiminin Çok Kesitli Bilgisayarlı Tomografi ile Değerlendirilmesi, Hacettepe Üniversitesi, Radyoloji, Radyoloji, 2015

### Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Radiodiagnostic

### Academic Titles / Tasks

Lecturer PhD, Hacettepe University, Tıp Fakültesi, Radyoloji, 2017 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- The relationship between bone health and type of intracranial internal carotid calcifications in patients with ischemic stroke**  
ÖGE D. D., TOPÇUOĞLU M. A., GÜLTEKİN ZAIM Ö. B., GÜMELER E., ARSAVA E. M.  
CLINICAL NEUROLOGY AND NEUROSURGERY, vol.243, 2024 (SCI-Expanded)

- II. **Editorial for “Preoperative Prediction of CDKN2A/B Homozygous Deletion Status in Astrocytoma: A Deep Learning-Based Radiomics Model Using Magnetic Resonance Images**  
GÜMELER E., Karli Oguz K.  
Journal of Magnetic Resonance Imaging, vol.59, no.5, pp.1665-1666, 2024 (SCI-Expanded)
- III. **Imaging findings of traumatic injuries in survivors of the 6 February 2023 earthquake in Turkey**  
DALKIRAN B., BEYDOĞAN B., ERDEMİR A. G., Düzgün S., GÜMELER E., İDİLMAN İ. S., ONUR M. R., AKPINAR E.  
Clinical Radiology, vol.79, no.1, pp.19-24, 2024 (SCI-Expanded)
- IV. **An Unusual Pattern of Skull Base Pneumatization**  
GÜMELER E., Oguz K. K.  
ANNALS OF OTOLOGY RHINOLOGY AND LARYNGOLOGY, vol.132, no.7, pp.825-827, 2023 (SCI-Expanded)
- V. **Effects of Two Exercise Regimes on Patients with Chiari Malformation Type 1: a Randomized Controlled Trial**  
Turkmen C., KÖSE N., BAL E., BİLGİN S., ÇETİN H., ZENGİN H. Y., GÜMELER E., MUT AŞKUN M.  
CEREBELLUM, vol.22, no.2, pp.305-315, 2023 (SCI-Expanded)
- VI. **Assessment of glymphatic function in narcolepsy using DTI-ALPS index**  
GÜMELER E., Aygun E., TEZER FİLİK F. İ., Saritas E. U., Oguz K. K.  
Sleep Medicine, vol.101, pp.522-527, 2023 (SCI-Expanded)
- VII. **Every other day stereotactic radiation therapy for the treatment of uveal melanoma decreases toxicity**  
YAZICI G., KIRATLI H., ÖZYİĞİT G., Sari S., Elmali A., Yilmaz M. T., KOÇ İ., Deliktas O., GÜMELER E., CENGİZ M., et al.  
RADIOTHERAPY AND ONCOLOGY, vol.176, pp.39-45, 2022 (SCI-Expanded)
- VIII. **Comparison of early- and late-phase CT angiography findings in brain death**  
ARSAVA E. M., Cagan C. A., GÜMELER E., PARLAK SAĞOL Ş., Oguz K. K., TOPÇUOĞLU M. A.  
JOURNAL OF NEUROLOGY, vol.269, no.11, pp.5973-5980, 2022 (SCI-Expanded)
- IX. **Imaging spectrum of extracorporeal membrane oxygenation related neurologic events in children**  
GÜMELER E., Katlan B., PARLAK SAĞOL Ş., KESİCİ S., BAYRAKCI B., Oguz K. K.  
TURKISH JOURNAL OF PEDIATRICS, vol.64, no.5, pp.882-891, 2022 (SCI-Expanded)
- X. **Synthetic MRI in children with tuberous sclerosis complex**  
ÇOBAN ÇİFÇİ G., GÜMELER E., PARLAK SAĞOL Ş., KONUŞKAN B., KARAKAYA KARABULUT J., YALNIZOĞLU D., Anlar B., Oguz K. K.  
INSIGHTS INTO IMAGING, vol.13, no.1, 2022 (SCI-Expanded)
- XI. **Assessment of 4DCT imaging findings of parathyroid adenomas in correlation with biochemical and histopathological findings**  
GÜMELER E., KURTULAN O., Arslan S., KARAKAYA KARABULUT J., SÖKMENSÜER C., ÜNLÜTÜRK U., Oguz K. K., Karaosmanoglu A. A.  
JAPANESE JOURNAL OF RADIOLOGY, vol.40, no.5, pp.484-491, 2022 (SCI-Expanded)
- XII. **Pediatric head and neck rhabdomyosarcoma; the role of MRI in differentiation from other common pediatric malignant head and neck tumors**  
Parlak P., GÜMELER E., Bulut E.  
TURKISH JOURNAL OF PEDIATRICS, vol.64, no.3, pp.519-530, 2022 (SCI-Expanded)
- XIII. **Not just about machines: Analysis of MRI quality determinants in the Turkish health system context.**  
Özen İ. C., Başar D., Öztürk S., Gümeler E., Akata D., Çiftçi A. Ö.  
The International journal of health planning and management, vol.37, no.2, pp.902-912, 2022 (SSCI)
- XIV. **X-linked deafness/incomplete partition type 3: Radiological evaluation of temporal bone and intracranial findings**  
PARLAK SAĞOL Ş., GÜMELER E., SENNAROĞLU L., Ozgen B.  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.28, no.1, pp.50-57, 2022 (SCI-Expanded)
- XV. **Reduced myelin in patients with isolated hippocampal sclerosis as assessed by SyMRI.**  
PARLAK Ş., ÇOBAN ÇİFÇİ G., GÜMELER E., KARAKAYA KARABULUT J., Soylemezoglu F., TEZER FİLİK F. İ., BİLGİNER B., SAYGI S., Oguz K. K.  
Neuroradiology, vol.64, no.1, pp.99-107, 2022 (SCI-Expanded)

- XVI. **Synthetic MRI in Neurofibromatosis Type 1.**  
Coban G., Parlak S., Gumeler E., Altunbuker H., Konuskan B., Karakaya J., Anlar B., Oguz K. K.  
AJNR. American journal of neuroradiology, vol.42, no.9, pp.1709-1715, 2021 (SCI-Expanded)
- XVII. **Value of shoulder US compared to MRI in infants with obstetric brachial plexus paralysis**  
Gunes A., GÜMELER E., Akgoz A., ÜZÜMCÜGİL A., ERGEN F. B.  
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.27, no.3, pp.450-457, 2021 (SCI-Expanded)
- XVIII. **The Interplay Between Mineral and Skeletal Metabolism Biomarkers and Intracranial Internal Carotid Artery Calcifications in Stroke Patients.**  
Arsava E. M., Oge D. D., Gultekin-Zaim O. B., Gumeler E., Kim J., Park K., Oguz K. K., Topcuoglu M. A.  
STROKE, vol.52, 2021 (SCI-Expanded)
- XIX. **Spindle cell hemangioma of nasal passage and ethmoidal sinus in a 4-month old infant**  
TAŞTEMEL ÖZTÜRK T., SÜSLÜ A. E., KAVUNCUOĞLU A., GÜMELER E., KÖSEMEHMETOĞLU K., YALÇIN B.  
ARCHIVOS ARGENTINOS DE PEDIATRIA, vol.119, no.1, 2021 (SCI-Expanded)
- XX. **Single shot echo planar imaging (ssEPI) vs single shot turbo spin echo (ssTSE) DWI of the orbit in patients with ocular melanoma**  
GÜMELER E., PARLAK Ş., YAZICI G., KARABULUT E., KIRATLI H., Oguz K. K.  
BRITISH JOURNAL OF RADIOLOGY, vol.94, no.1118, 2021 (SCI-Expanded)
- XXI. **Immediate and long-term outcomes of cryoballoon catheter ablation in patients with atrial fibrillation and left common pulmonary vein anatomy.**  
Yorgun H., Canpolat U., Gumeler E., Okşul M., Şener Y., Ateş A., Akkaya F., Karahan S., Hazırolan T., Aytemir K.  
Journal of interventional cardiac electrophysiology : an international journal of arrhythmias and pacing, vol.59, no.1, pp.57-65, 2020 (SCI-Expanded)
- XXII. **Aprepitant in the Treatment of Subacute Sclerosing Panencephalitis: A Randomized, Double-Blind, Placebo-Controlled Study**  
Oncel I., SANCAR M., KONUŞKAN B., Arioz F., TEZCAN S., ARMAN KANDIRMAZ E., PARLAK Ş., GÜMELER E., Anlar B.  
PEDIATRIC NEUROLOGY, vol.110, pp.59-63, 2020 (SCI-Expanded)
- XXIII. **The Anatomy of the Sigmoid-Transverse Junction According to the Tentorial Angle**  
Vatansever A., Mut M., ERGUN K. M., Oğuz K. K., GÜMELER E., Bulut E., TATAR İ.  
Journal of Craniofacial Surgery, vol.30, no.7, pp.2280-2284, 2019 (SCI-Expanded)
- XXIV. **MDCT evaluation of sternal development**  
GÜMELER E., AKPINAR E., ARIYÜREK O. M.  
SURGICAL AND RADIOLOGIC ANATOMY, vol.41, no.3, pp.281-286, 2019 (SCI-Expanded)
- XXV. **Computed tomography and magnetic resonance imaging of peripelvic and periureteric pathologies.**  
Gumeler E., ONUR M., KARAOSMANOĞLU A., OZMEN M., AKATA D., KARCAALTINCABA M.  
Abdominal radiology (New York), vol.43, pp.2400-2411, 2018 (SCI-Expanded)
- XXVI. **Domestic violence and some related socio-demographic factors among married women in a district of Ankara-Turkey**  
DOĞAN B., YARDIM M. S., Gulmez M. I., GÜMELER E., Guener G., Gurkan Z. K.  
EUROPEAN JOURNAL OF PUBLIC HEALTH, vol.20, pp.183, 2010 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Nasogastric and Endotracheal Tubes as Risk Factors for Sinusitis in Critically Ill Children: A Retrospective Case-control Study**  
SARITAŞ NAKİP Ö., GÜMELER E., Kesici S., TERZİ K., ERDEM M., BAYRAKÇI B.  
JOURNAL OF PEDIATRIC EMERGENCY AND INTENSIVE CARE MEDICINE, vol.11, no.2, pp.85-89, 2024 (ESCI)
- II. **Orbital Lymphoma; A Search for MRI Predictors of Disease Extent and Treatment Response**  
GÜMELER E., Bulut E.  
Genel Tıp Dergisi, vol.33, no.5, pp.558-561, 2023 (Peer-Reviewed Journal)
- III. **The RSNA Cervical Spine Fracture CT Dataset**

Lin H. M., Colak E., Richards T., Kitamura F. C., Prevedello L. M., Talbott J., Ball R. L., GÜMELER E., Yeom K. W., Hamghalam M., et al.

Radiology: Artificial Intelligence, vol.5, no.5, 2023 (Scopus)

**IV. The Case of MRI Repetitions with Direct and Indirect Cost Implications: Evidence from Hacettepe University Hospitals**

BAŞAR DİKMEN D., ÖZEN İ. C., ÖZTÜRK S., GÜMELER E., AKATA D., ÇİFTÇİ A. Ö.

SOSYOEKONOMI, vol.27, no.41, pp.253-262, 2019 (ESCI)

**V. Two cases of primary leptomeningeal melanomatosis mimicking subacute meningitis**

ASLAN S., GÖÇMEN R., Acar N. P., KHASIYEV F., GÜMELER E., SOYLEMEZOĞLU F., TUNCER A., ARSAVA E. M.,

TOPÇUOĞLU M. A., ÜNAL ÇEVİK I.

Neuroradiology Journal, vol.31, no.1, pp.42-46, 2018 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

**I. İnme Şüphesi olan hastalarda EASPECT skorunun kullanılabilirliği**

GÜMELER E., İMRE YETKİN D., ONUR M. R., İDİLMAN İ. S., ERBİL B., ARSAVA E. M., AKPINAR E., TOPÇUOĞLU M. A.

40. ULUSLARARASI KATILIMLI RADYOLOJİ KONGRESİ, 5 - 10 November 2019

**II. DIFFERENTIATION OF PEDIATRIC HEAD AND NECK RHABDOMYOSARCOMA FROM LYMPHOMA THE ROLE OF DIFFUSION IMAGING**

PARLAK Ş., GÜMELER E., BULUT E. G.

Türk Manyetik Rezonans Derneği 24. YILLIK ULUSLARARASI KATILIMLI BİLİMSEL TOPLANTISI, Ankara, Turkey,

25 - 27 April 2019

**III. Synthetic MRI of Tuberos Sclerosis Complex**

ÇOBAN ÇİFTÇİ G., GÜMELER E., PARLAK Ş., ANLAR F. B., KARLI OĞUZ H. K.

TNRD 28. Yıllık Toplantısı, 15 - 17 February 2019

**IV. WEGENER GRANÜLOMATOZUNUN ORBİTATUTULUMU MRG BULGULARI VE ORBİTAL LENFOMADAN RADYOLOJİK AYRIM**

GÜMELER E., BULUT E. G.

39. Ulusal Radyoloji Kongresi, Antalya, Turkey, 6 - 11 November 2018

**V. Longitudinally extensive transvers myelitis: a single instution experience**

Yilmaz E., Tuncer M. A., Khasiyev F., Gumeler E., Ilica A. T., Gocmen R., Karabudak R.

34th Congress of the European-Committee-for-Treatment-and-Research-in-Multiple-Sclerosis (ECTRIMS), Berlin, Germany, 10 - 12 October 2018, vol.24, pp.534

**VI. VENA CAVA SÜPERİOR SENDROMUNUN NADİRBİR NEDENİ: MULTİNODÜLER GUATR**

FIRLATAN B., BALCI C., YAVUZ B. B., EŞME M., ÖZSÜREKÇİ C., ÇALIŞKAN H., ÜNSAL P., ŞENGÜL AYÇİÇEK G.,

GÜMELER E., ONUR M. R., et al.

11. Akademik Geriatri Kongresi, Antalya, Turkey, 19 - 23 April 2018

**VII. Callosal and pericentricular germinoma: an unusual presentation**

ÇOBAN ÇİFTÇİ G., GÜMELER E., BİLGİNER B., KARLI OĞUZ H. K.

TNRD 28. Yıllık Toplantısı, 15 February 2019 - 17 February 2018

**VIII. Akciğer Tüberkülozu Hava Yolu Tutulumu**

ÇAY F., TAYDAŞ O., GÜMELER E., ATÇEKEN Z., ARIYÜREK O. M.

37. Ulusal Radyoloji Kongresi (TÜRKRAD2016), Antalya, Turkey, 1 - 05 November 2016

**IX. Abdominal Thoracic and Cranial Aneurysms in Patients with Acromegaly See more at <http://press.endocrine.org/doi/abs/10.1210/endo-meetings-2015-NP-16-OR20-6> sthash D2bYKlwO dpuf**

DAĞDELEN S., Safak A., GÜMELER E., ÖZGEN MOCAN B., ERBAŞ A. T.

97<sup>TH</sup> ANNUAL MEETING OF ENDOCRINE SOCIETY, 5 - 08 March 2015

## **Metrics**

Publication: 40

Citation (WoS): 50

Citation (Scopus): 13

H-Index (WoS): 4

H-Index (Scopus): 2

## **Congress and Symposium Activities**

European Congress of Radiology, Attendee, Vienna, Austria, 2019

TURKRAD 2018, Attendee, --Seçiniz--, Turkey, 2018