

## Prof. Ercan KARAARSLAN

### Personal Information

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### Research Areas

Health Sciences

### Academic Titles / Tasks

Professor, Acibadem Mehmet Ali Aydınlar University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2008 - Continues

### Advising Theses

Karaarslan E., Radikal Prostatektomili Olgularda Multiparametrik Prostat MR ve PSMA Galyum PET-BT Sonuçlarını Karşılaştırma, Füzyon PSMA PET-MR'in Taniya Katkısı Araştırma, Expertise In Medicine, A.ARSLAN(Student), 2019

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

- I. **Comparison of MRI, PSMA PET/CT, and Fusion PSMA PET/MRI for Detection of Clinically Significant Prostate Cancer.**  
Arslan A., Karaarslan E., Güner A. L. , Sağlıcan Y., Tuna M. B. , Özişik O., Kural A. R.  
Journal of computer assisted tomography, 2020 (Journal Indexed in SCI Expanded)
- II. **Risk of symptomatic radiation necrosis in patients treated with stereotactic radiosurgery for brain metastases.**  
Sayan M., Şahin B., Mustafayev T., Kefelioğlu E., Vergalaso I., Gupta A., Balmuk A., Güngör G., Ohri N., Weiner J., et al.  
Neurocirugia (Asturias, Spain), 2020 (Journal Indexed in SCI Expanded)
- III. **Brain MRI Findings in Patients in the Intensive Care Unit with COVID-19 Infection.**  
Kandemirli S., Dogan L., Sarıkaya Z. T. , Kara S., Akinci C., Kaya D., Kaya Y., Yildirim D., Tuzuner F., Yildirim M., et al.  
Radiology, vol.297, 2020 (Journal Indexed in SCI Expanded)
- IV. **The influence of cardiac motion on radiomics features: radiomics features of non-enhanced CMR cine images greatly vary through the cardiac cycle**  
Alis D., Yergin M., Asmakutlu O., Topel C., KARAARSLAN E.  
EUROPEAN RADIOLOGY, 2020 (Journal Indexed in SCI)
- V. **Multicenter Multireader Evaluation of an Artificial Intelligence-Based Attention Mapping System for the Detection of Prostate Cancer With Multiparametric MRI.**  
Mehralivand S., Harmon S., Shih J., Smith C., Lay N., Argun B., Bednarova S., Baroni R., Canda A., Ercan K., et al.

AJR. American journal of roentgenology, vol.215, pp.903-912, 2020 (Journal Indexed in SCI Expanded)

- VI. **Comparing the Diagnostic Performance of Multiparametric Prostate MRI Versus 68Ga-PSMA PET-CT in the Evaluation Lymph Node Involvement and Extraprostatic Extension.**  
Arslan A., Karaarslan E., Güner A. L. , Sağlıcan Y., Tuna M. B. , Kural A. R.  
Academic radiology, 2020 (Journal Indexed in SCI Expanded)
- VII. **Imaging Spectrum of TIPIC Syndrome : Validation of a new Entity with Vessel Wall Imaging.**  
Ulus S., Aksoy O., Arslan A., Buturak A., Dincer A., Kara S., Karaarslan E.  
Clinical neuroradiology, vol.30, pp.145-157, 2020 (Journal Indexed in SCI Expanded)
- VIII. **Benign leiomyoma with multiple metastases to vertebrae and calvarium: An index case with comprehensive review of endocrine targets**  
Elmaci I., Altinoz M., Ozlu B., Sari R., Er O., Danyeli A., Karaarslan E.  
NEUROSURGICAL REVIEW, 2020 (Journal Indexed in SCI)
- IX. **p.Ser348Cys mutation in FGFR3 gene leads to "Mild ACH /Severe HCH" phenotype.**  
Bengur F., Ekmekci C., Karaarslan E., Gunoz H., Alanay Y.  
European journal of medical genetics, pp.103659, 2019 (Journal Indexed in SCI)
- X. **Can computer-aided diagnosis assist in the identification of prostate cancer on prostate MRI? a multi-center, multi-reader investigation.**  
Gaur S., Lay N., Harmon S., Doddakashi S., Mehralivand S., Argun B., Barrett T., Bednarova S., Girometti R., Karaarslan E., et al.  
Oncotarget, vol.9, pp.33804-33817, 2018 (Journal Indexed in SCI Expanded)
- XI. **Trigeminal neuralgia caused by a venous angioma: The neuroimaging and surgical findings**  
Aydan A., Sila U., Mehmet B. Z. , Ercan K.  
NEUROLOGY INDIA, vol.66, pp.852-853, 2018 (Journal Indexed in SCI)
- XII. **Parieto-occipital alopecia in early infancy mandates cranial imaging**  
Tuc E., KARAARSLAN E., Celik I., ALANAY Y.  
CLINICAL DYSMORPHOLOGY, vol.27, pp.15-17, 2018 (Journal Indexed in SCI)
- XIII. **Cocaine-induced multifocal leukoencephalopathy mimicking Balo's concentric sclerosis: A 2-year follow-up with serial imaging of a single patient**  
Sagduyu K., Yalinay D., Karaarslan E.  
MULTIPLE SCLEROSIS AND RELATED DISORDERS, vol.19, pp.96-98, 2018 (Journal Indexed in SCI)
- XIV. **F-18-fluorodeoxyglucose-positron emission tomography avid paraspinal soft-tissue mass mimicking a malign neoplasm: non-traumatic myositis ossificans**  
Ozbayrak M., Guner A. L. , Unal V. S. , Tokat F., Er O., Karaarslan E.  
SPINE JOURNAL, vol.16, 2016 (Journal Indexed in SCI)
- XV. **A Chance fracture and accompanying injuries secondary to seat belt trauma in childhood**  
Damar C., Ozbayrak M., Suleyman E., Yazol M., Karaarslan E.  
SPINE JOURNAL, vol.16, 2016 (Journal Indexed in SCI)
- XVI. **Life-threatening retropharyngeal fluid collection after whiplash-type injury of the cervical spine.**  
Damar C., Ozbayrak M., Suleyman E., Yazol M., Karaarslan E.  
The spine journal : official journal of the North American Spine Society, vol.16, 2016 (Journal Indexed in SCI)
- XVII. **Atypical pyogenic brain abscess evaluation by diffusion-weighted imaging: diagnosis with multimodality MR imaging.**  
Ozbayrak M., Ulus O. S. , Berkman M. Z. , Kocagoz S., Karaarslan E.  
Japanese journal of radiology, vol.33, pp.668-71, 2015 (Journal Indexed in SCI)
- XVIII. **A new method for computer-assisted detection, definition and differentiation of the urinary calculi**  
Yildirim D., ÖZTÜRK Ö., Tutar O., Nurili F., Bozkurt H., Kayadibi H., Karaarslan E., Bakan S.  
RENAL FAILURE, vol.36, pp.1278-1282, 2014 (Journal Indexed in SCI)
- XIX. **Reliability of high-pitch ultra-low-dose paranasal sinus computed tomography for evaluating paranasal sinus anatomy and sinus disease.**  
Aksoy E., Ozden S. U. , Karaarslan E., Unal O. F. , Tanyeri H.  
The Journal of craniofacial surgery, vol.25, pp.1801-4, 2014 (Journal Indexed in SCI)

- XX. **Diagnostic Value of Strain Echocardiography, Galectin-3, and Tenascin-C Levels for the Identification of Patients with Pulmonary and Cardiac Sarcoidosis**  
Kul S, Ozcelik H. K. , Uyarel H., Karakus G., Guvenc T. S. , Yalcinsoy M., Asoglu E., Kemik A. S. , Tasal A., Gungor S., et al.  
LUNG, vol.192, pp.533-542, 2014 (Journal Indexed in SCI)
- XXI. **SIMPLE ELECTRODIAGNOSTIC METHOD FOR MORTON NEUROMA**  
Aydinlar E., Uzun M., Beksac B., Ozden V. E. , Karaarslan E., Oge A. E.  
MUSCLE & NERVE, vol.49, pp.193-197, 2014 (Journal Indexed in SCI)
- XXII. **Evaluation of testicular tumour calcification with digital orchigraphy.**  
Ozcan U. A. , Saglican Y., Yildiz M. E. , Yildirim Y., Ozveri H., Ocak F., Karaarslan E.  
European radiology, vol.23, pp.3178-84, 2013 (Journal Indexed in SCI Expanded)
- XXIII. **Estimated radiation dose and image quality comparison of the scan protocols in dual-source computed tomography coronary angiography**  
Karaarslan E., Ulus S., Bavbek C.  
JOURNAL OF MEDICAL IMAGING AND RADIATION ONCOLOGY, vol.57, pp.407-414, 2013 (Journal Indexed in SCI)
- XXIV. **Giant Extraarticular Pigmented Villonodular Tenosynovitis; TWIST-MRA Findings**  
Ulus S., Karaarslan E., Ozger H., Alban B., Bilgic B.  
BALKAN MEDICAL JOURNAL, vol.30, pp.255-256, 2013 (Journal Indexed in SCI)
- XXV. **Groove (paraduodenal) pancreatitis: Report of two cases**  
Cicek B., Erguner I., Kara F., Karaarslan E., Saruc M., Tiftikci A., Vardareli E., Tozun N.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.24, pp.173-177, 2013 (Journal Indexed in SCI)
- XXVI. **Perineural cyst presenting like cubital tunnel syndrome.**  
Bayrakli F., Kurtuncu M., Karaarslan E., Ozgen S.  
European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society, 2012 (Journal Indexed in SCI Expanded)
- XXVII. **Imaging findings after fascial injection of tetanus vaccine**  
Yildirim D., Gurses B., Tamam C., Karaarslan E., Ersen A., Ince Ü.  
MEDICAL ULTRASONOGRAPHY, vol.13, pp.161-164, 2011 (Journal Indexed in SCI)
- XXVIII. **Diffusion weighted MR imaging in non-infarct lesions of the brain**  
Karaarslan E., ARSLAN A.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.65, pp.402-416, 2008 (Journal Indexed in SCI)
- XXIX. **Recurrent radiculopathy caused by epidural gas after spinal surgery - Report of four cases and literature review**  
Sasani M., Ozer A. F. , Oktenoglu T., Cosar M., Karaarslan E., Sarioglu A. C.  
SPINE, vol.32, 2007 (Journal Indexed in SCI)
- XXX. **CT findings in epiploic appendagitis.**  
Ozkurt H., Karatag O., Karaarslan E., Rozanes I., Basak M., Bavbek C.  
Surgery, vol.141, pp.530-2, 2007 (Journal Indexed in SCI)
- XXXI. **Clinical and CT findings of epiploic appendagitis within an inguinal hernia.**  
Ozkurt H., Karatağ O., Karaarslan E., Başak M.  
Diagnostic and interventional radiology (Ankara, Turkey), vol.13, pp.23-5, 2007 (Journal Indexed in SCI)
- XXXII. **Preserving the ligamentum flavum in lumbar discetomy: A new technique that prevents scar tissue formation in the first 6 months postsurgery**  
Ozer A. F. , Oktenoglu T., Sasani M., Bozkus H., Canbulat N., Karaarslan E., Sungurlu S. F. , Sarioglu A. C.  
NEUROSURGERY, vol.59, pp.126-132, 2006 (Journal Indexed in SCI)
- XXXIII. **Radiology quiz case 1: Melanotic-type mucosal malignant melanoma (MMM)**  
Genc E., Karaarslan E., Hanci D., Ergin T., Peker K.  
ARCHIVES OF OTOLARYNGOLOGY-HEAD & NECK SURGERY, vol.131, pp.1023-1024, 2005 (Journal Indexed in SCI)
- XXXIV. **Atypical MRI findings in Canavan disease: A patient with a mild course**  
Yalcinkaya C., Benbir G., Salomons G., Karaarslan E., Rolland M., Jakobs C., van der Knaap M.  
NEUROPEDIATRICS, vol.36, pp.336-339, 2005 (Journal Indexed in SCI)

- XXXV. **A rare case of splenic infarct presenting with acute abdominal pain due to polyarteritis nodosa: case report and review of the literature.**  
Kabaoğlu B, Coşkun H, Yanar H, Karaarslan E, Yalti T.  
Ulusal travma ve acil cerrahi dergisi = Turkish journal of trauma & emergency surgery : TJTES, vol.11, pp.242-6, 2005 (Journal Indexed in SCI Expanded)
- XXXVI. **ROI measurement of the signal intensity of precentral cortex in the normal brain**  
Karaarslan E, Arslan A.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.52, pp.221-223, 2004 (Journal Indexed in SCI)
- XXXVII. **Radiology quiz case 2 - Diagnosis: Hypervascular vagal schwannoma mimicking paraganglioma**  
Genc E, Ergin N, Karaarslan E, Peker K.  
ARCHIVES OF OTOLARYNGOLOGY-HEAD & NECK SURGERY, vol.130, pp.1341-1343, 2004 (Journal Indexed in SCI)
- XXXVIII. **Spontaneous involution of a non-optic astrocytoma in neurofibromatosis type I: Serial magnetic resonance imaging evaluation**  
Cakirer S, Karaarslan E.  
ACTA RADIOLOGICA, vol.45, pp.669-673, 2004 (Journal Indexed in SCI)
- XXXIX. **Infantile Refsum disease: Case report**  
Choksi V, Hoeffner E, Karaarslan E, Yalcinkaya C., Cakirer S.  
AMERICAN JOURNAL OF NEURORADIOLOGY, vol.24, pp.2082-2084, 2003 (Journal Indexed in SCI)
- XL. **Aortic arch origin of the left external carotid artery**  
Cakirer S, Karaarslan E.  
AMERICAN JOURNAL OF NEURORADIOLOGY, vol.24, pp.1492, 2003 (Journal Indexed in SCI)
- XLI. **Perirolandic cortex of the normal brain: Low signal intensity on turbo FLAIR MR images**  
Karaarslan E, Arslan A.  
RADIOLOGY, vol.227, pp.538-541, 2003 (Journal Indexed in SCI)
- XLII. **Separate origins of the left internal and external carotid arteries from the aortic arch: MR angiographic findings**  
Cakirer S, Karaarslan E, Kayabali M., Rozanes I.  
AMERICAN JOURNAL OF NEURORADIOLOGY, vol.23, pp.1600-1602, 2002 (Journal Indexed in SCI)
- XLIII. **Inflammation of vertebral bone associated with acute calcific tendinitis of the longus colli muscle**  
Mihmanli I, Karaarslan E, Kanberoglu K.  
NEURORADIOLOGY, vol.43, pp.1098-1101, 2001 (Journal Indexed in SCI)
- XLIV. **Balo's concentric sclerosis: Clinical and radiologic features of five cases**  
Karaarslan E, Altintas A, Senol U, Yeni N, Dincer A, Bayindir C, Karaagac N, Siva A.  
AMERICAN JOURNAL OF NEURORADIOLOGY, vol.22, pp.1362-1367, 2001 (Journal Indexed in SCI)
- XLV. **High intensity signal of the posterior pituitary - A study with horizontal direction of frequency-encoding and fat suppression MR techniques**  
Arslan A, Karaarslan E, Dincer A.  
ACTA RADIOLOGICA, vol.40, pp.142-145, 1999 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Management of symptomatic radiation necrosis after stereotactic radiosurgery and clinical factors for treatment response.**  
Sayan M, Mustafayev T. Z. , Balmuk A, Mamidanna S, Kefelioglu E. S. S. , GUNGOR G, Chundury A, Ohri N, KARAARSLAN E, ÖZYAR E, et al.  
Radiation oncology journal, vol.38, pp.176-180, 2020 (Journal Indexed in ESCI)
- II. **A case of ruptured arachnoid cyst complicated with intracranial hypotension.**  
Aydınlr E, Koşak S, Yalınay Dikmen P, Karaarslan E, Berkman M. Z.  
Türkiye Klinikleri Journal of Case Reports, vol.27, pp.231-235, 2019 (Other Refereed National Journals)
- III. **Micro-dose Paranasal Computed Tomography is Valuable When Evaluating Diseases of the Paranasal**

## **Sinuses**

Ozbayrak M., Ertas B., Ulus O. S. , Ozdilek A., Karaarslan E.

HASEKI TIP BULTENI-MEDICAL BULLETIN OF HASEKI, vol.57, pp.142-146, 2019 (Journal Indexed in ESCI)

- IV. **A rare case of paratesticular leiomyoma in a child**  
Arslan A., Ulus S., İNCE Ü., Tekant G., KARAARSLAN E.  
TURKISH JOURNAL OF UROLOGY, vol.45, pp.154-156, 2019 (Journal Indexed in ESCI)
- V. **Whole-Body MRI Screening in Asymptomatic Subjects; Preliminary Experience and Long-Term Follow-Up Findings**  
Ulus S., Suleyman E., Ozcan U. A. , Karaarslan E.  
POLISH JOURNAL OF RADIOLOGY, vol.81, pp.407-414, 2016 (Journal Indexed in ESCI)
- VI. **Retropharyngeal calcific tendinitis: Report of two cases.**  
Yaylacı S., Öztürk T., Aksoy E., Koçyigit A., Yılmaz A., Karaarslan E.  
Journal of emergencies, trauma, and shock, vol.8, pp.119-20, 2015 (Refereed Journals of Other Institutions)
- VII. **Metastasis-Induced Acute Pancreatitis Successfully Treated with Chemotherapy and Radiotherapy in a Patient with Small Cell Lung Cancer.**  
Okutur K., Bozkurt M., Korkmaz T., Karaaslan E., Guner L., Goksel S., Demir G.  
Case reports in oncological medicine, vol.2015, pp.304279, 2015 (Refereed Journals of Other Institutions)
- VIII. **MRI of ischemic fasciitis**  
ULUS BUTURAK Ö. S. , KARAARSLAN E., SAĞLİCAN Y., YAKUPOĞLU A.  
Indian Journal of Radiology Imaging, vol.21, pp.111-112, 2011 (Refereed Journals of Other Institutions)
- IX. **Kardiyak Lenfoma Olgu Sunumu ve Derleme**  
ÖKTEN E. M. , Şahin Ş., GÜLLÜ A. Ü. , Öztürk A., TORAMAN F., Cengiz B., KARAARSLAN E., KARABULUT E. H. , Bilgi S., ALHAN H. C.  
Acıbadem Üniversitesi Sağlık Bilimleri Dergisi, vol.1, pp.241-244, 2010 (Other Refereed National Journals)
- X. **Spontaneously T1-hyperintense lesions of the brain on MRI: a pictorial review.**  
Cakirer S., Karaarslan E., Arslan A.  
Current problems in diagnostic radiology, vol.32, pp.194-217, 2003 (Refereed Journals of Other Institutions)
- XI. **[Pictorial essay: Evaluation of intracranial lipomatous masses with MRI].**  
Cakirer S., Karaarslan E.  
Tanisal ve girisimsel radyoloji : Tibbi Goruntuleme ve Girisimsel Radyoloji Dernegi yayın organi, vol.9, pp.26-30, 2003 (Refereed Journals of Other Institutions)

## **Books & Book Chapters**

- I. **BİLGİSAYARLI TOMOGRAFİDE DOZ HESAPLAMA VE DÜŞÜK DOZ UYGULAMALARI**  
Karaarslan E.  
in: RADYOLOJİ FİZİĞİ , FAZIL GELAL, Editor, Nobel Yayın Dağıtım, İstanbul, pp.92-100, 2019
- II. **Prostat Kanseri Evrelemesi**  
Karaarslan E.  
in: Multiparametrik Prostat MRG, Muşturay KARÇAALTINCABA, Editor, Avesta Yayınları, Ankara, pp.451-459, 2017

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Sezaryan Sonrası Posterior Reversible Ensefalopati Sendromu**  
AKPEK E., KOÇYİĞİT M., AYDINLAR E., KARAARSLAN E., MUSAYEVA K.  
Türk Anesteziyoloji ve Reanimasyon Derneği 47. Ulusal Kongresi, Turkey, 20 - 23 November 2013
- II. **LOW DOSE DUAL ENERGY FLASH TOMOGRAPHY PROTOCOL FOR THE FOLLOW UP OF URETERAL STONES**  
Keskin S., Karaarslan E., Tufek I., Argun B., Bavbek C., Kural A. R. , Sahin A.

Annual Meeting of the American-Urological-Association (AUA), California, United States Of America, 4 - 08 May 2013, vol.189

**III. Üreter taşlarının takibinde sınırlı alan flash BT protokolü**

KESKİN M. S. , KARAARSLAN E., TÜFEK İ., ARGUN Ö. B. , BAVBEK C., KURAL A. R. , ŞAHİN A.

1. Ulusal Ürolojik Cerrahi Kongresi, Antalya, Turkey, 3 - 07 October 2012

**IV. Treatment of standardized fractures by Extracorporeal Shockwave Therapy (ESWT)**

Utka F., Heybeli N., Kesmezacar H., Ogut T., Karaarslan E., Oktar F., Ademoglu A., Sumer A.

23rd Annual International Conference of the IEEE-Engineering-in-Medicine-and-Biology-Society, İstanbul, Turkey, 25 - 28 October 2001, vol.23, pp.1515-1518

## Citations

Total Citations (WOS):428

h-index (WOS):12

## Awards

Karaarslan E., Arslan A. S. , Yurtdışı En iyi Araştırma Yazısı 1. lik Ödülü , Türk Radyoloji Derneği Philips Başarı Ödülü, October 2003