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Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Radyoloji, Turkey 1987 - 1991

Postgraduate, Hacettepe University, Tıp, Turkey 1978 - 1984

Foreign Languages

English, C1 Advanced

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Radiodiagnostic

Academic Titles / Tasks

Professor, Hacettepe University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1987 - Continues

Academic and Administrative Experience

Hacettepe Üniversitesi, Tıp Fakültesi, 2000 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Long-term follow-up results of multiparametric prostate MRI and the prognostic value of PI-RADS: a single-center retrospective cohort study**
ÖNDER Ö., Ayva M., YARAŞIR Y., GÜRLER V., YAZICI M. S., AKDOĞAN B., KARAOSMANOĞLU A. D., KARÇAALTINCABA M., ÖZMEN M. N., AKATA D.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, no.3, pp.139-151, 2024 (SCI-Expanded)
- II. **Multimodal data fusion using sparse canonical correlation analysis and cooperative learning: a COVID-19 cohort study**
Er A. G., Ding D. Y., ER B., UZUN M., ÇAKMAK M., Sadee C., DURHAN G., ÖZMEN M. N., DURUSU TANRIÖVER M., TOPELİ İSKİT A., et al.
NPJ DIGITAL MEDICINE, no.1, 2024 (SCI-Expanded)
- III. **Infarcts and ischemia in the abdomen: an imaging perspective with an emphasis on cross-sectional**

imaging findings

KARAOSMANOĞLU A. D., ÖNDER Ö., KIZILGÖZ V., Hahn P. F., Kantarci M., ÖZMEN M. N., KARÇAALTINCABA M., AKATA D.

Abdominal Radiology, vol.48, no.6, pp.2167-2195, 2023 (SCI-Expanded)

- IV. **Associations Between Hepatic and Pancreatic Steatosis with Lumbar Spinal Bone Marrow Fat: A Single-Center Magnetic Resonance Imaging Study**
Abbasoğlu A., KARÇAALTINCABA M., KARAOSMANOĞLU A. D., ÖZMEN M. N., AKATA D., İdilman İ. S.
The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology, vol.34, no.6, pp.618-625, 2023 (SCI-Expanded)
- V. **Evaluation of abdominal computed tomography findings in patients with COVID-19: a multicenter study**
ONUR M. R., ÖZBAY Y., İdilman İ., KARAOSMANOĞLU A. D., Uysal Ramadan S., BARLIK F., AYDIN S., Odaman H., ALTAY C., BAŞARA AKIN I., et al.
Diagnostic and interventional radiology (Ankara, Turkey), vol.29, no.3, pp.414-427, 2023 (SCI-Expanded)
- VI. **A snapshot of teleradiology practice in Turkey: the results of a survey among radiologists**
DİCLE O., Şenol U., ÖZMEN M. N., AYDINGÖZ Ü.
Diagnostic and Interventional Radiology, vol.29, no.1, pp.46-52, 2023 (SCI-Expanded)
- VII. **Multiparametric MRI with MR elastography findings in patients with sinusoidal obstruction syndrome after oxaliplatin-based chemotherapy**
POKER A., KARÇAALTINCABA M., ÖZMEN M. N., Karaosmanoglu A. D., ERDEMİR A. G., ÖCAL O., AKATA D., İDİLMAN İ. S.
INSIGHTS INTO IMAGING, vol.13, no.1, 2022 (SCI-Expanded)
- VIII. **Imaging findings of spontaneous intraabdominal hemorrhage: neoplastic and non-neoplastic causes**
Arslan S., Sarikaya Y., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M., KARAOSMANOĞLU A. D.
ABDOMINAL RADIOLOGY, vol.47, no.4, pp.1473-1502, 2022 (SCI-Expanded)
- IX. **Cross-sectional imaging findings of splenic infections: is differential diagnosis possible?**
KARAOSMANOĞLU A. D., Uysal A., ÖNDER Ö., Hahn P. F., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.
ABDOMINAL RADIOLOGY, vol.46, no.10, pp.4828-4852, 2021 (SCI-Expanded)
- X. **Imaging findings of diseases affecting the gastrohepatic ligament: not as acquiescent as it seems**
KARAOSMANOĞLU A. D., ÖNDER Ö., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.
ABDOMINAL RADIOLOGY, vol.46, no.9, pp.4106-4120, 2021 (SCI-Expanded)
- XI. **A sling of a normal right inferior vena cava around the abdominal aorta**
KARAOSMANOĞLU A. D., ARDALI DÜZGÜN S., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.
SURGICAL AND RADIOLOGIC ANATOMY, vol.43, no.8, pp.1391-1394, 2021 (SCI-Expanded)
- XII. **Cross-sectional imaging features of unusual adrenal lesions: a radiopathological correlation**
KARAOSMANOĞLU A. D., ÖNDER Ö., LEBLEBİCİ C. B., SÖKMENSÜER C., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.
ABDOMINAL RADIOLOGY, vol.46, no.8, pp.3974-3994, 2021 (SCI-Expanded)
- XIII. **Identifying the deceiver: the non-neoplastic mimickers of genital system neoplasms**
ÖNDER Ö., KARAOSMANOĞLU A. D., Kraeft J., Uysal A., KARÇAALTINCABA M., AKATA D., ÖZMEN M. N., Hahn P. F.
INSIGHTS INTO IMAGING, vol.12, no.1, 2021 (SCI-Expanded)
- XIV. **TSR guidelines for the practice of teleradiology: 2021 update**
ÖZMEN M. N., DİCLE O., Senol U., AYDINGÖZ Ü.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.27, no.4, pp.504-510, 2021 (SCI-Expanded)
- XV. **Immunoglobulin G4-related systemic disease: mesenteric and peritoneal involvement with radiopathological correlation and differential diagnoses**
KARAOSMANOĞLU A. D., ÖNDER Ö., LEBLEBİCİ C. B., SÖKMENSÜER C., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.
ABDOMINAL RADIOLOGY, vol.46, pp.1977-1991, 2021 (SCI-Expanded)
- XVI. **Can we differentiate neoplastic and non-neoplastic spontaneous adrenal bleeding? Imaging findings with radiopathologic correlation**

- KARAOŞMANOĐLU A. D., Uysal A., Arslan S., SÖKMENSÜER C., Leblebici C., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.
ABDOMINAL RADIOLOGY, vol.46, no.3, pp.1091-1102, 2021 (SCI-Expanded)
- XVII. **Prostatitis, the Great Mimicker of Prostate Cancer: Can We Differentiate Them Quantitatively With Multiparametric MRI?**
Uysal A., Karaoşmanoglu A. D., KARÇAALTINCABA M., AKATA D., AKDOĐAN B., Baydar D. E., ÖZMEN M. N.
AMERICAN JOURNAL OF ROENTGENOLOGY, vol.215, no.5, pp.1104-1112, 2020 (SCI-Expanded)
- XVIII. **Role of imaging in visceral vascular emergencies**
KARAOŞMANOĐLU A. D., Uysal A., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.
INSIGHTS INTO IMAGING, vol.11, no.1, 2020 (SCI-Expanded)
- XIX. **Imaging findings of infectious and inflammatory diseases of the urinary system mimicking neoplastic diseases**
KARAOŞMANOĐLU A. D., Uysal A., KARÇAALTINCABA M., AKATA D., ÖZMEN M. N., Kraeft J., Hahn P. F.
ABDOMINAL RADIOLOGY, vol.45, no.4, pp.1110-1121, 2020 (SCI-Expanded)
- XX. **Tumor in the veins: an abdominal perspective with an emphasis on CT and MR imaging**
KARAOŞMANOĐLU A. D., ONUR M. R., Uysal A., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.
INSIGHTS INTO IMAGING, vol.11, no.1, 2020 (SCI-Expanded)
- XXI. **Non-neoplastic hepatopancreatobiliary lesions simulating malignancy: can we differentiate?**
KARAOŞMANOĐLU A. D., Uysal A., KARÇAALTINCABA M., AKATA D., ÖZMEN M. N., Kraeft J., Hahn P. F.
INSIGHTS INTO IMAGING, vol.11, no.1, 2020 (SCI-Expanded)
- XXII. **Hyperintensity at fat spared area in steatotic liver on the hepatobiliary phase MRI**
ÜNAL E., İDİLMAN İ. S., KARAOŞMANOĐLU A. D., ÖZMEN M. N., AKATA D., KARÇAALTINCABA M.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.25, no.6, pp.416-420, 2019 (SCI-Expanded)
- XXIII. **Primary lymphomas of the intraabdominal solid organs and the gastrointestinal tract: spectrum of imaging findings with histopathological confirmation**
KARAOŞMANOĐLU A. D., Uysal A., ONUR M. R., Hahn P. F., Ayhan A. S., ÖZMEN M. N., AKATA D., KARÇAALTINCABA M.
ABDOMINAL RADIOLOGY, vol.44, no.9, pp.2988-3005, 2019 (SCI-Expanded)
- XXIV. **Imaging in secondary tumors of the ovary**
KARAOŞMANOĐLU A. D., ONUR M. R., SALMAN M. C., USUBÜTÜN A., KARÇAALTINCABA M., ÖZMEN M. N., AKATA D.
ABDOMINAL RADIOLOGY, vol.44, no.4, pp.1493-1505, 2019 (SCI-Expanded)
- XXV. **MRI evaluation of anal and perianal diseases**
Balci S., ONUR M. R., KARAOŞMANOĐLU A. D., KARÇAALTINCABA M., AKATA D., KONAN A., ÖZMEN M. N.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.25, no.1, pp.21-27, 2019 (SCI-Expanded)
- XXVI. **The contribution of preoperative MRI to the surgical management of anal fistulas**
KONAN A., ONUR M. R., ÖZMEN M. N.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.24, no.6, pp.321-327, 2018 (SCI-Expanded)
- XXVII. **Hepatobiliary phase liver MR imaging findings after Oxaliplatin-based chemotherapy in cancer patients**
ÜNAL E., KARAOŞMANOĐLU A. D., ÖZMEN M. N., AKATA D., KARÇAALTINCABA M.
ABDOMINAL RADIOLOGY, vol.43, no.9, pp.2321-2328, 2018 (SCI-Expanded)
- XXVIII. **Secondary Tumors of the Urinary System: An Imaging Conundrum**
KARAOŞMANOĐLU A. D., ONUR M. R., KARÇAALTINCABA M., AKATA D., ÖZMEN M. N.
KOREAN JOURNAL OF RADIOLOGY, vol.19, no.4, pp.742-751, 2018 (SCI-Expanded)
- XXIX. **Anterior uterine wall: normal and abnormal CT and MRI findings after cesarean section**
KARAOŞMANOĐLU A. D., Gunes A., ÖZMEN M. N., AKATA D.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.24, no.3, pp.135-138, 2018 (SCI-Expanded)
- XXX. **Imaging of pathology involving the space around the hepatic veins: "perivenous pattern"**
KARAOŞMANOĐLU A. D., ONUR M. R., ÖZMEN M. N., AKATA D., KARÇAALTINCABA M.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.24, no.2, pp.77-82, 2018 (SCI-Expanded)
- XXXI. **Magnetic Resonance Imaging of Liver Metastasis**

- KARAOŞMANOĐLU A. D., ONUR M. R., ÖZMEN M. N., AKATA D., KARÇAALTINCABA M.
SEMINARS IN ULTRASOUND CT AND MRI, vol.37, no.6, pp.533-548, 2016 (SCI-Expanded)
- XXXII. **Reproducibility and variability of very low dose hepatic perfusion CT in metastatic liver disease**
Topcuođlu O. M., KARÇAALTINCABA M., AKATA D., ÖZMEN M. N.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.22, no.6, pp.495-500, 2016 (SCI-Expanded)
- XXXIII. **Predictors of poor outcome in gastrointestinal bleeding in emergency department**
KAYA E., KARACA M. A., ALDEMİR D., ÖZMEN M. N.
WORLD JOURNAL OF GASTROENTEROLOGY, vol.22, no.16, pp.4219-4225, 2016 (SCI-Expanded)
- XXXIV. **Invisible fat on CT: making it visible by MRI**
ÜNAL E., KARAOŞMANOĐLU A. D., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.22, no.2, pp.133-140, 2016 (SCI-Expanded)
- XXXV. **Different forms of iron accumulation in the liver on MRI**
İDİLMAN İ. S., AKATA D., ÖZMEN M. N., KARÇAALTINCABA M.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.22, no.1, pp.22-28, 2016 (SCI-Expanded)
- XXXVI. **Imaging of aberrant left gastric vein and associated pseudolesions of segments II and III of the liver and mimickers**
ÜNAL E., ÖZMEN M. N., AKATA D., KARÇAALTINCABA M.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.21, no.2, pp.105-110, 2015 (SCI-Expanded)
- XXXVII. **Current Adjuvant Therapeutic Approaches for Pancreatic Cancer**
ÖZMEN F., Sahin T. T., ÖZMEN M. N.
ADVANCES IN THERAPY, vol.32, no.1, pp.42-56, 2015 (SCI-Expanded)
- XXXVIII. **Impact of Lymphatic Vessel Invasion on Survival in Gastric Cancer**
ÖZMEN F., ÖZMEN M. N., Kansu E.
JOURNAL OF GASTROINTESTINAL SURGERY, vol.16, no.8, pp.1637-1638, 2012 (SCI-Expanded)
- XXXIX. **Long-Term Results of Percutaneous Radiologic Gastrostomy and Gastrojejunostomy in Children With Emphasis on Technique: Single or Double Gastropexy?**
AKINCI D., ÇİFTÇİ T. T., Kaya D., ÖZMEN M. N., AKHAN O.
AMERICAN JOURNAL OF ROENTGENOLOGY, vol.195, no.5, pp.1231-1237, 2010 (SCI-Expanded)
- XL. **Diffuse Fatty Infiltration of the Thyroid Gland in Amyloidosis Sonographic, Computed Tomographic, and Magnetic Resonance Imaging Findings**
Aksu A. O., ÖZMEN M. N., Oguz K. K., AKINCI D., Yasavun U., Firat P.
JOURNAL OF ULTRASOUND IN MEDICINE, vol.29, no.8, pp.1251-1255, 2010 (SCI-Expanded)
- XLI. **Unusual causes of left renal vein compression along its course: MDCT findings in patients with nutcracker and pelvic congestion syndrome**
Karaosmanoglu D., KARÇAALTINCABA M., AKATA D., Ozmen M.
SURGICAL AND RADIOLOGIC ANATOMY, vol.32, no.4, pp.323-327, 2010 (SCI-Expanded)
- XLII. **Dual Energy Virtual CT Colonoscopy with Dual Source Computed Tomography: Initial Experience**
KARÇAALTINCABA M., KARAOŞMANOĐLU D., AKATA D., SENTURK S., ÖZMEN M. N., ALİBEK S.
ROFO-FORTSCHRITTE AUF DEM GEBIET DER RONTGENSTRAHLEN UND DER BILDGEBENDEN VERFAHREN, vol.181, no.9, pp.859-862, 2009 (SCI-Expanded)
- XLIII. **CT findings of lymphoma with peritoneal, omental and mesenteric involvement: Peritoneal lymphomatosis**
KARAOŞMANOĐLU D., KARÇAALTINCABA M., OĐUZ B., AKATA D., Ozmen M., AKHAN O.
EUROPEAN JOURNAL OF RADIOLOGY, vol.71, no.2, pp.313-317, 2009 (SCI-Expanded)
- XLIV. **Multidetector Computed Tomography Diagnosis of Fusion of Pancreas and Spleen Confirmed by Magnetic Resonance Imaging**
Balli O., KARÇAALTINCABA M., Karaosmanoglu D., AKATA D.
JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY, vol.33, no.2, pp.291-292, 2009 (SCI-Expanded)
- XLV. **MDCT of the Ovarian Vein: Normal Anatomy and Pathology**
KARAOŞMANOĐLU D., KARÇAALTINCABA M., KARCAALTINCABA D., AKATA D., Ozmen M.
AMERICAN JOURNAL OF ROENTGENOLOGY, vol.192, no.1, pp.295-299, 2009 (SCI-Expanded)

- XLVI. Cavernomatous Transformation of Hepatic Veins at the Hepaticocaval Junction Due to Short-Segment Hepatic Vein Occlusion**
Karaosmanoglu D., KARÇAALTINCABA M., METİN Y., Yesilel K., Boge M.
JOURNAL OF ULTRASOUND IN MEDICINE, vol.27, no.12, pp.1787-1790, 2008 (SCI-Expanded)
- XLVII. Innominate steal phenomenon: Color and spectral Doppler sonographic findings**
UZUN M., Bagcier S., Akkan K., UZUN M., Karaosmanoglu D., Bursali A.
JOURNAL OF ULTRASOUND IN MEDICINE, vol.27, no.10, pp.1537-1538, 2008 (SCI-Expanded)
- XLVIII. Percutaneous treatment of pyocystis in patients with autosomal dominant polycystic kidney disease**
AKINCI D., Turkbey B., Yilmaz R., AKPINAR E., ÖZMEN M. N., AKHAN O.
CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY, vol.31, no.5, pp.926-930, 2008 (SCI-Expanded)
- XLIX. CT, MRI, and US Findings of Incidental Segmental Distal Hepatic Vein Occlusion: A New Form of Budd-Chiari Syndrome?**
Karaosmanoglu D., KARÇAALTINCABA M., AKATA D., Ozmen M., Akhan M.
JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY, vol.32, no.4, pp.518-522, 2008 (SCI-Expanded)
- L. Peritoneal carcinomatosis in urinary bladder cancer**
Turkbey B., Basaran C., KARÇAALTINCABA M., AKPINAR E., OĞUZ B., AKATA D., ÖZMEN M. N., AKHAN O.
CLINICAL IMAGING, vol.32, no.3, pp.192-195, 2008 (SCI-Expanded)
- LI. An unusual cause of hydrocele: Malpositioned ventriculoperitoneal shunt in the scrotum**
Karaosmanoglu D., METİN Y., AKATA D., HALİLOĞLU M.
JOURNAL OF ULTRASOUND IN MEDICINE, vol.27, no.1, pp.159-160, 2008 (SCI-Expanded)
- LII. Sonographic findings of testicular involvement of neuroblastoma - An unusual clinical association**
Karaosmanoglu D., KARÇAALTINCABA M., Balli O., HALİLOĞLU M.
JOURNAL OF ULTRASOUND IN MEDICINE, vol.26, no.12, pp.1785-1787, 2007 (SCI-Expanded)
- LIII. Sonographic findings of colonic lipoma causing intussusception**
Karaosmanoglu D., Temizoz O., KARÇAALTINCABA M., Akata D.
JOURNAL OF ULTRASOUND IN MEDICINE, vol.26, no.11, pp.1621-1623, 2007 (SCI-Expanded)
- LIV. Detection of a pseudoaneurysm in the knee joint with Doppler imaging after blunt trauma**
Karaosmanoglu D., KARÇAALTINCABA M., Akhan O.
JOURNAL OF ULTRASOUND IN MEDICINE, vol.25, no.9, pp.1211-1213, 2006 (SCI-Expanded)
- LV. Unusual imaging findings in Wilson's disease**
AKHAN O., AKPINAR E., Oto A., Koroglu M., ÖZMEN M. N., AKATA D., Bijan B.
EUROPEAN RADIOLOGY, vol.12, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. Computed Tomography-Based Diagnosis of Gastric Vein Invasion in Patients with Gastric Cancer**
ÜNAL E., KARAOSMANOĞLU A. D., ÖZMEN M. N., AKATA D., KARÇAALTINCABA M.
EURASIAN JOURNAL OF MEDICINE, vol.50, no.2, pp.91-95, 2018 (ESCI)
- II. Imaging findings of splenic emergencies: a pictorial review**
ÜNAL E., ONUR M. R., AKPINAR E., Ahmadov J., KARÇAALTINCABA M., ÖZMEN M. N., AKATA D.
INSIGHTS INTO IMAGING, vol.7, no.2, pp.215-222, 2016 (ESCI)
- III. Pyelolymphatic backflow demonstrated by an abdominal CT: A case report**
Durhan G., AYYILDIZ V. A., ÇİFTÇİ T. T., AKATA D., ÖZMEN M. N.
POLISH JOURNAL OF RADIOLOGY, vol.79, pp.6-8, 2014 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. Pearls and pitfalls for fast imaging, low dose and high quality in emergency radiology.**
ONUR M. R., İDİLMAN İ. S., AKPINAR E., YAR O., ÖZMEN M. N., AKATA D.

European Congress of Radiology, 28 February - 03 March 2018

II. Optimisation of CT protocols in abdominal emergencies.

ONUR M. R., AKPINAR E., İDİLMAN İ. S., AKATA D., ÖZMEN M. N.

European Congress of Radiology, Viyana, Austria, 28 February - 03 March 2018

III. THE EFFECTS OF BMI ON RESPIRATORY AND HEMODYNAMIC PARAMETERS IN LAPAROSCOPIC BARIATRIC SURGERY: AN OBSERVATIONAL STUDY

Ayyıldız A., PAMUK A. G., ÜZÜMCÜGİL F., AKÇA B., Yılbas A. A., ŞAHİN T. K., ÖZMEN M. N., Aypar U.

20th World Congress of the International-Federation-for-the-Surgery-of-Obesity-and-Metabolic-Disorders (IFSO), Vienna, Austria, 26 - 29 August 2015, vol.25

IV. Fluoroscopically guided metallic stent placement in malignant gastroduodenal obstruction

BULUT E. G., ÇİFTÇİ T. T., ÖZKAN F., İSLİM F., AKINCI D., ÖZMEN M. N., AKHAN O.

ESGAR 2008, İstanbul, Turkey, 10 - 13 June 2008, vol.18, pp.641-766

Supported Projects

ONUR M. R., KARÇAALTINCABA M., ÖZMEN M. N., Project Supported by Higher Education Institutions, Shear-Wave Ultrason Elastografi ve Füzyon Görüntüleme, 2016 - 2019

ONUR M. R., KARAOSMANOĞLU A. D., AKPINAR E., KARÇAALTINCABA M., ÖZMEN M. N., Project Supported by Higher Education Institutions, Bilgisayarlı Tomografi Standardize Edilmiş Kriterlerle Güvenlidir, 2017 - 2017

Metrics

Publication: 62

Citation (WoS): 338

Citation (Scopus): 259

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Non Academic Experience

Hacettepe Üniversitesi