

## Assoc. Prof. KAYIHAN AKIN

### Personal Information

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### International Researcher IDs

ScholarID: UxT8tCcAAAAJ

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Publons / Web Of Science ResearcherID: AAZ-8552-2021

ScopusID: 12786467000

Yoksis Researcher ID: 164052

### Education Information

Expertise In Medicine, Baskent University, School Of Medicine, Department Of Internal Medicine, Turkey 1999 - 2003  
Undergraduate, Gazi University, Tıp Fakültesi, Tıp Pr. (İngilizce), Turkey 1986 - 1993

### Research Areas

Health Sciences

### Academic Titles / Tasks

Associate Professor, Lokman Hekim University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2019 - Continues

### Courses

pediatrik radyoloji, Undergraduate, 2022 - 2023

kardiyovasküler manyetik rezonans görüntüleme çekim teknikleri, Associate Degree, 2022 - 2023

Solunum sistemi hastalıklarında temel radyolojik yaklaşımlar, temel bilgiler, radyolojik anatomi, Undergraduate, 2022 - 2023

baş boyun radyolojisi, Undergraduate, 2022 - 2023

Ürogenital sistem radyolojisi, Undergraduate, 2022 - 2023

Baş-boyun Radyolojisi 1 (Temel radyolojik yaklaşımlar, temel bilgiler, radyolojik anatomi), Undergraduate, 2022 - 2023

ürogenital radyoloji, Undergraduate, 2022 - 2023

Solunum sistemi hastalıklarının radyolojisi, Undergraduate, 2021 - 2022

Gastrointestinal sistem radyolojisi, Undergraduate, 2021 - 2022

Kardiyovasküler sistem radyolojisi, Undergraduate, 2021 - 2022

Hepatobilier sistem radyolojisi , Undergraduate, 2021 - 2022

BİLGİSAYARLI TOMOGRAFİNİN FİZİKSEL İLKELERİ, Postgraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013

İNCE BARSAK KOLON RADYOLOJİK İNCELEME YÖNTEMLERİ, Postgraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013

ÖZEFAGUS MİDE VE DUODENUM RADYOLOJİSİ, Postgraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013

tıbbi görüntüleme teknikleri 3, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

## Advising Theses

AKIN K., Perianal fistüllerin manyetik rezonans görüntüleme ile değerlendirilmesi, Expertise In Medicine, N.GÜLSÜM(Student), 2014

AKIN K., Koroner arter stenoz, stent ve bypass greftlerinin multidetektör bilgisayarlı tomografi ile değerlendirilmesi, Expertise In Medicine, M.YILDIRIM(Student), 2010

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

- I. **Segmentation of prostate zones on a novel MRI database using Mask R-CNN: An implementation on PACS system Mask R-CNN kullanılarak yeni bir MRG veri tabanında prostat bölgelerinin segmentasyonu: PACS sistemi üzerinde bir uygulama**  
Gürkan Ç., Budak A., Karatas H., AKIN K.  
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.39, no.3, pp.1401-1416, 2024 (SCI-Expanded)
- II. **The Value of Preoperative Lesion Dedicated Ultrasound of Breast Cancer before Conserving Surgery for Optimizing Margins**  
Kösehan D., Dener C., AKIN K., Bozkurt A., Bilgiç İ., Cakir B.  
Breast Journal, vol.23, no.2, pp.159-163, 2017 (SCI-Expanded)
- III. **Incidentally Found Retroperitoneal Ganglioneuroma in an Adult**  
Koktener A., Kosehan D., AKIN K., Bozer M.  
Indian Journal of Surgery, vol.77, pp.3-5, 2015 (SCI-Expanded)
- IV. **An abrupt increment in the respiratory rate is a sign of neonatal pneumothorax**  
Cizmeci M. N., Kanburoglu M. K., Akelma A. Z., Andan H., AKIN K., Tatli M. M.  
Journal of Maternal-Fetal and Neonatal Medicine, vol.28, no.5, pp.583-587, 2015 (SCI-Expanded)
- V. **Epicardial adipose tissue and pericoronary fat thickness measured with 64-multidetector computed tomography: Potential predictors of the severity of coronary artery disease**  
Demircelik M. B., Yilmaz O. C., Gurel O. M., Selcoki Y., Atar I. A., Bozkurt A., AKIN K., Eryonucu B.  
Clinics, vol.69, no.6, pp.388-392, 2014 (SCI-Expanded)
- VI. **Association between gamma-glutamyltransferase and coronary artery calcification**  
Atar A. I., Yilmaz O. C., AKIN K., Selcoki Y., Er O., Eryonucu B.  
International Journal of Cardiology, vol.167, no.4, pp.1264-1267, 2013 (SCI-Expanded)
- VII. **Surgical treatment of chronic mesenteric ischemia with splenic artery-to-superior mesenteric artery bypass: A case report**  
Nazli Y., Çolak N., Sahin H., AKIN K., Akkaya I. O., Bozer M., Çakir Ö.  
Turkish Journal of Thoracic and Cardiovascular Surgery, vol.21, no.2, pp.463-466, 2013 (SCI-Expanded)
- VIII. **Response letter to 'Uric acid: A crucial marker of coronary artery calcium score?'**  
Atar A. I., Yilmaz O. C., AKIN K., Selcoki Y., Er O., Eryonucu B.  
International Journal of Cardiology, vol.162, no.2, pp.134, 2013 (SCI-Expanded)
- IX. **The utility of special radiological signs on routinely obtained supine anteroposterior chest radiographs for the early recognition of neonatal pneumothorax**  
Cizmeci M. N., AKIN K., Kanburoglu M. K., Akelma A. Z., Andan H., Erbukucu O., Tatli M. M.  
Neonatology, vol.104, no.4, pp.305-311, 2013 (SCI-Expanded)
- X. **Serum uric acid level is an independent risk factor for presence of calcium in coronary arteries: An observational case-controlled study Serum ürik asit düzeyi koroner arter kalsiyum varlığının bağımsız bir belirleyicisidir: Bir gözlemsel vaka kontrollü çalışma**  
Atar A. I., Çağlar Yilmaz Ö., AKIN K., Selçoki Y., Er O., Eryonucu B.  
Anadolu Kardiyoloji Dergisi, vol.13, no.2, pp.139-145, 2013 (SCI-Expanded)
- XI. **Pregnancy-like (pseudolactational) hyperplasia: Uncommon cause of microcalcifications and mass in two cases**

- Koktener A, Cakir B, AKIN K, Kosehan D, Bayrak R, Yenidunya S.  
JBR-BTR, vol.96, no.1, pp.25-26, 2013 (SCI-Expanded)
- XII. **Angel wing sign in a neonate with pneumomediastinum**  
AKIN K, Cizmeci M. N., Kanburoglu M. K., Akelma A. Z., Tatli M. M.  
Journal of Pediatrics, vol.163, no.1, pp.296, 2013 (SCI-Expanded)
- XIII. **Doppler sonography of hemodynamic changes of the celiac artery in chronic active gastritis**  
Koktener A, Türkay F. G. C., Erarslan E., Bayrak R, Yenidunya S, AKIN K, Kösehan D, Çakir B.  
Turkish Journal of Medical Sciences, vol.42, no.SUPPL.1, pp.1273-1277, 2012 (SCI-Expanded)
- XIV. **Invasive lobular carcinoma with extracellular mucin as a distinct variant of lobular carcinoma: a case report**  
Haltas H, Bayrak R, Yenidunya S, Kosehan D, Sen M, AKIN K.  
Diagnostic Pathology, vol.7, no.1, 2012 (SCI-Expanded)
- XV. **Splenic infarction following conventional open gastrectomy in patients with gastric malignancy: A CT-based study**  
AKIN K, Kosehan D, Cengiz A. Y., Dener N. C., Koktener A., Inan A., Haltas H., Cakir B.  
Abdominal Imaging, vol.37, no.4, pp.609-615, 2012 (SCI-Expanded)
- XVI. **Two foreign body reactions caused by suture materials: Mammograms mimic cancer as a spiculated lesion**  
Koktener A, AKIN K, Kosehan D, Cakir B, Haltas H.  
JBR-BTR, vol.95, no.1, pp.20-21, 2012 (SCI-Expanded)
- XVII. **Some inflammatory cytokine levels, iron metabolism and oxidan stress markers in subjects with nonalcoholic steatohepatitis**  
Uysal S, Armutcu F, Aydogan T, AKIN K, Ikizek M, Yigitoglu M. R.  
Clinical Biochemistry, vol.44, no.17-18, pp.1375-1379, 2011 (SCI-Expanded)
- XVIII. **Interatrial shunt: Diagnosis of patent foramen ovale and atrial septal defect with 64-row coronary computed tomography angiography**  
Kosehan D, AKIN K, Koktener A, Cakir B, Aktas A, Teksam M.  
Japanese Journal of Radiology, vol.29, no.8, pp.576-582, 2011 (SCI-Expanded)
- XIX. **Neuroimaging in metabolic disorders**  
Cakir B, Teksam M, Kosehan D, AKIN K, Koktener A.  
Journal of Neuroimaging, vol.21, no.3, pp.209, 2011 (SCI-Expanded)
- XX. **Anatomic evaluation of the xiphoid process with 64-row multidetector computed tomography**  
AKIN K, Kosehan D, Topcu A, Koktener A.  
Skeletal Radiology, vol.40, no.4, pp.447-452, 2011 (SCI-Expanded)
- XXI. **Diagnosis and percutaneous treatment of partial subclavian steal: Doppler ultrasonography and phase contrast magnetic resonance angiography findings and a brief review of the literature**  
AKIN K, Kosehan D, Kirbas I, Yildirim M, Koktener A.  
Japanese Journal of Radiology, vol.29, no.3, pp.207-211, 2011 (SCI-Expanded)
- XXII. **Inborn Errors of Metabolism Presenting in Childhood**  
Cakir B, Teksam M, Kosehan D, AKIN K, Koktener A.  
Journal of Neuroimaging, vol.21, no.2, 2011 (SCI-Expanded)
- XXIII. **Primary appendiceal tumors: Clinical imaging and pathological findings. Report of four cases**  
Koktener A, AKIN K, Kosehan D, Dener C.  
JBR-BTR, vol.94, no.2, pp.63-65, 2011 (SCI-Expanded)
- XXIV. **Remote cerebellar hemorrhage after lumbar spinal surgery**  
Cevik B, Kirbas I, Cakir B, AKIN K, Teksam M.  
European Journal of Radiology, vol.70, no.1, pp.7-9, 2009 (SCI-Expanded)
- XXV. **Extensive hepatic-portal and mesenteric venous gas due to sigmoid diverticulitis**  
Şen M, Akpınar A, Inan A, Şişman M, Dener C, AKIN K.  
World Journal of Gastroenterology, vol.15, no.7, pp.879-881, 2009 (SCI-Expanded)
- XXVI. **Localized fluid collections after liver transplantation**

AKIN K., Ozturk A., Guvenc Z., Isiklar I., Haberal M.

Transplantation Proceedings, vol.38, no.2, pp.627-630, 2006 (SCI-Expanded)

**XXVII. Multilevel vertebral hemangiomas: Two episodes of spinal cord compression at separate levels 10 years apart**

Karaeminogullari O., Tuncay C., Demirors H., AKIN K., Sahin O., Ozyurek A., Tandogan N. R.

European Spine Journal, vol.14, no.7, pp.706-710, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Cerebral Edema Associated with Hyponatremia after Hysteroscopic Myomectomy**  
Eruyar E., Akın K., İrkeç C.  
Lokman Hekim Health Sciences, vol.2, no.2, pp.77-81, 2022 (Peer-Reviewed Journal)
- II. **Is There a Relationship between Serum D-Dimer Levels and Thorax CT Severity Score in Patients with COVID-19?: A Retrospective Analysis**  
Çevik B., Akın K.  
International Journal of Radiology and Imaging Technology, vol.8, no.089, pp.1-4, 2022 (Peer-Reviewed Journal)
- III. **Perianal fistula imaging: A comparison between two-channel superficial flex coil and eight-channel body coil**  
Akyel N. G., AKIN K., Kösehan D., Köktener A.  
Polish Journal of Radiology, vol.84, 2019 (ESCI)
- IV. **Spontaneous urinary extravasation: Detection rate with 64-row multidetector computed tomography in patients presenting with acute abdomen**  
Kosehan D., AKIN K., Topcu A., Koktener A., Cakir B., Teksam M.  
Emergency Radiology, vol.20, no.4, pp.273-277, 2013 (ESCI)
- V. **Autologous blood injection to the temporomandibular joint: Magnetic resonance imaging findings**  
Candirli C., Yüce S., Cavus U. Y., AKIN K., Cakir B.  
Imaging Science in Dentistry, vol.42, no.1, pp.13-18, 2012 (ESCI)
- VI. **Growth of the lateral ventricle in normal second-trimester fetuses: Is a nomogram practical?**  
Köktener A., Dilmen G., Yildirim M., Kösehan D., AKIN K., Çakir B.  
Journal of Pediatric Neuroradiology, vol.1, no.1, pp.37-41, 2012 (ESCI)
- VII. **Diagnostic accuracy of 64-slice computed tomography in patients with suspected or proven coronary artery disease**  
Selçoki Y., Yılmaz Ö. Ç., Kankiliç M. N., AKIN K., Eryonucu B.  
Turk Kardiyoloji Dernegi Arsivi, vol.38, no.2, pp.95-100, 2010 (ESCI)
- VIII. **Hyperintense signal in the subarachnoid space and ocular globes in brain MRI of a patient with acute renal failure**  
AKIN K., Muhtesem Agildere A., Sezer S.  
European Journal of Radiology Extra, vol.55, no.2, pp.41-45, 2005 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **PULMONER TROMBOEMBOLİ İLE D-DİMER ORANI ARASINDAKİ İLİŞKİNİN ARAŞTIRILMASI.**  
İKİZEK M., YALÇIN K. S., İNAN O., DARÇIN T., MARAL S., KARAMANLI H., KAFTAN O., AKIN K., YILDIRIM Z.  
13. ULUSAL İÇ HASTALIKLARI KONGRESİ, Antalya, Turkey, 5 - 09 October 2011, pp.253

## Supported Projects

Akın K., Karataş H., Budak A., TÜBİTAK Project, PROSTAT KANSERİ ERKEN TEŞHİS VE TEDAVİSİNDE KARAR DESTEK VE

## **Metrics**

Publication: 36

Citation (WoS): 249

Citation (Scopus): 341

H-Index (WoS): 10

H-Index (Scopus): 11