Aya Kamaya

List of Publications by Year
in descending order

120 papers	4,087 citations	159358 30 h-index	133063 59 g-index
121 all docs	121 docs citations	121 times ranked	4866 citing authors

#	Article	IF	Citations
1	Diagnostic Performance of 9 Quantitative Ultrasound Parameters for Detection and Classification of Hepatic Steatosis in Nonalcoholic Fatty Liver Disease. Investigative Radiology, 2022, 57, 23-32.	3.5	15
2	Evaluation of early sonographic predictors of gangrenous cholecystitis: mucosal discontinuity and echogenic pericholecystic fat. Abdominal Radiology, 2022, 47, 1061-1070.	1.0	3
3	Patient-Friendly Summary of the ACR Appropriateness Criteria: Transgender Breast Cancer Screening. Journal of the American College of Radiology, 2022, 19, e19.	0.9	0
4	Growth kinetics and progression rates of cystic renal masses on active surveillance.. Journal of Clinical Oncology, 2022, 40, 298-298.	0.8	0
5	Patient-Friendly Summary of the ACR Appropriateness Criteria® Sinonasal Disease: 2021 Update. Journal of the American College of Radiology, 2022, , .	0.9	0
6	Ovarian Cancer Detection in Average-Risk Women: Classic- versus Nonclassic-appearing Adnexal Lesions at US. Radiology, 2022, 303, 603-610.	3.6	16
7	Color Doppler Imaging of Vascular Abnormalities of the Uterus. Ultrasound Quarterly, 2022, 38, 72-82.	0.3	1
8	Growth Kinetics and Progression Rate of Bosniak Classification Version 2019 Class III and IV Cystic Renal Masses on Imaging Surveillance. American Journal of Roentgenology, 2022, 219, 244-253.	1.0	5
9	Colonoscopy Versus Catheter Angiography for Lower Gastrointestinal Bleeding After Localization on CT Angiography. Journal of the American College of Radiology, 2022, 19, 513-520.	0.9	3
10	Liver imaging: it is time to adopt standardized terminology. European Radiology, 2022, 32, 6291-6301.	2.3	13
11	Multicenter Study of ACR Ultrasound LI-RADS Visualization Scores on Serial Examinations: Implications for Surveillance Strategies. American Journal of Roentgenology, 2022, 219, 445-452.	1.0	9
12	Acing the Fundamentals of Radiology: An Online Series for Medical Students and Interns. Journal of Computer Assisted Tomography, 2022, 46, 614-620.	0.5	0
13	Outcomes of LI-RADS US-2 Subthreshold Observations Detected on Surveillance Ultrasound. American Journal of Roentgenology, 2022, 219, 774-783.	1.0	5
14	Diagnostic Performance of the Ovarian-Adnexal Reporting and Data System (O-RADS) Ultrasound Risk Score in Women in the United States. JAMA Network Open, 2022, 5, e2216370.	2.8	31
15	Management of Incidentally Detected Gallbladder Polyps: Society of Radiologists in Ultrasound Consensus Conference Recommendations. Radiology, 2022, 305, 277-289.	3.6	26
16	Ultrasound Liver Imaging Reporting and Data System (US LI-RADS): An Overview with Technical and Practical Applications. Academic Radiology, 2021, 28, 1464-1476.	1.3	11
17	Effects of Contrast‐Enhanced Ultrasound of Indeterminate Renal Masses on Patient Clinical Management. Journal of Ultrasound in Medicine, 2021, 40, 131-139.	0.8	3
18	Bosniak Classification of Cystic Renal Masses Version 2019: Comparison of Categorization Using CT and MRI. American Journal of Roentgenology, 2021, 216, 412-420.	1.0	27

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19	Mapping the Ultrasound Landscape to Define Point-of-Care Ultrasound and Diagnostic Ultrasound: A Proposal From the Society of Radiologists in Ultrasound and ACR Commission on Ultrasound. Journal of the American College of Radiology, 2021, 18, 42-52.	0.9	16
20	Online Liver Imaging Course; Pivoting to Transform Radiology Education During the SARS-CoV-2 Pandemic. Academic Radiology, 2021, 28, 119-127.	1.3	21
21	Hepatocellular Carcinoma Screening at Transplant Centers: Point—Ultrasound Should Remain First Line. American Journal of Roentgenology, 2021, 216, 579-580.	1.0	2
22	Extravasation Volume at Computed Tomography Angiography Correlates With Bleeding Rate and Prognosis in Patients With Overt Gastrointestinal Bleeding. Investigative Radiology, 2021, 56, 394-400.	3.5	7
23	Prevalence of Malignancy and Histopathological Association of Bosniak Classification, Version 2019 Class III and IV Cystic Renal Masses. Journal of Urology, 2021, 205, 1031-1038.	0.2	15
24	Ultrasound Liver Imaging Reporting and Data System (US LI-RADS) Visualization Score: a reliability analysis on inter-reader agreement. Abdominal Radiology, 2021, 46, 5134-5141.	1.0	10
25	Cystic artery velocity as a predictor of acute cholecystitis. Abdominal Radiology, 2021, 46, 4720-4728.	1.0	8
26	Role of Ultrasound for Chronic Liver Disease and Hepatocellular Carcinoma Surveillance. Magnetic Resonance Imaging Clinics of North America, 2021, 29, 279-290.	0.6	0
27	ACR Appropriateness Criteria® Epigastric Pain. Journal of the American College of Radiology, 2021, 18, S330-S339.	0.9	3
28	Utility of ultrasound in acute pancreatitis. Abdominal Radiology, 2020, 45, 1253-1264.	1.0	14
29	ACR Appropriateness Criteria® Chronic Liver Disease. Journal of the American College of Radiology, 2020, 17, S70-S80.	0.9	12
30	Bosniak Classification Version 2019 of Cystic Renal Masses Assessed With MRI. American Journal of Roentgenology, 2020, 215, 413-419.	1.0	32
31	Quantitative Framework for Risk Stratification of Thyroid Nodules With Ultrasound: A Step Toward Automated Triage of Thyroid Cancer. American Journal of Roentgenology, 2020, 214, 885-892.	1.0	8
32	Spatial Characterization of Tumor Perfusion Properties from 3D DCE-US Perfusion Maps are Early Predictors of Cancer Treatment Response. Scientific Reports, 2020, 10, 6996.	1.6	9
33	Quantitative ultrasound approaches for diagnosis and monitoring hepatic steatosis in nonalcoholic fatty liver disease. Theranostics, 2020, 10, 4277-4289.	4.6	77
34	ACR Appropriateness Criteria® Pancreatic Cyst. Journal of the American College of Radiology, 2020, 17, S198-S206.	0.9	7
35	ACR Appropriateness Criteria® Liver Lesion-Initial Characterization. Journal of the American College of Radiology, 2020, 17, S429-S446.	0.9	9
36	ACR Ultrasound Liver Reporting and Data System: Multicenter Assessment of Clinical Performance at One Year. Journal of the American College of Radiology, 2019, 16, 1656-1662.	0.9	25

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37	Bladder cancer and its mimics: a sonographic pictorial review with CT/MR and histologic correlation. Abdominal Radiology, 2019, 44, 3827-3842.	1.0	11
38	ACR Appropriateness Criteria® Acute Pancreatitis. Journal of the American College of Radiology, 2019, 16, S316-S330.	0.9	28
39	Does measurement of the hepatic artery velocity improve the sonographic diagnosis of cholangitis?. Abdominal Radiology, 2019, 44, 4004-4010.	1.0	4
40	Role of US LI-RADS in the LI-RADS Algorithm. Radiographics, 2019, 39, 690-708.	1.4	45
41	Early Changes in CT Perfusion Parameters: Primary Renal Carcinoma Versus Metastases After Treatment with Targeted Therapy. Cancers, 2019, 11, 608.	1.7	5
42	ACR Appropriateness Criteria® Jaundice. Journal of the American College of Radiology, 2019, 16, S126-S140.	0.9	14
43	An update for LI€RADS: Version 2018. Why so soon after version 2017?. Journal of Magnetic Resonance Imaging, 2019, 50, 1990-1991.	1.9	19
44	<p>LI-RADS: a conceptual and historical review from its beginning to its recent integration into AASLD clinical practice guidance</p>. Journal of Hepatocellular Carcinoma, 2019, Volume 6, 49-69.	1.8	93
45	Ultrasound Evaluation in Patients at Risk for Hepatocellular Carcinoma. Radiologic Clinics of North America, 2019, 57, 563-583.	0.9	7
46	Ultrasound Assessment of Acute Kidney Injury. Ultrasound Quarterly, 2019, 35, 173-180.	0.3	16
47	Association of advanced hepatic fibrosis and sonographic visualization score: a dual-center study using ACR US LI-RADS. Abdominal Radiology, 2019, 44, 1415-1422.	1.0	14
48	LI€RADS 2017: An update. Journal of Magnetic Resonance Imaging, 2018, 47, 1459-1474.	1.9	34
49	Diagnostic Performance of Margin Features in Thyroid Nodules in Prediction of Malignancy. American Journal of Roentgenology, 2018, 210, 860-865.	1.0	10
50	Liver Imaging Techniques: Recognition of Uveal Melanoma Metastases. Ocular Oncology and Pathology, 2018, 4, 254-260.	0.5	11
51	Central echogenic areas in thyroid nodules: Diagnostic performance in prediction of papillary cancer. European Journal of Radiology, 2018, 101, 45-49.	1.2	4
52	Epidemiology of hepatocellular carcinoma: target population for surveillance and diagnosis. Abdominal Radiology, 2018, 43, 13-25.	1.0	338
53	The utility of hepatic artery velocity in diagnosing patients with acute cholecystitis. Abdominal Radiology, 2018, 43, 1159-1167.	1.0	8
54	US LI-RADS: ultrasound liver imaging reporting and data system for screening and surveillance of hepatocellular carcinoma. Abdominal Radiology, 2018, 43, 41-55.	1.0	81

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55	Liver Imaging Reporting and Data System (LI-RADS) Version 2018: Imaging of Hepatocellular Carcinoma in At-Risk Patients. Radiology, 2018, 289, 816-830.	3.6	634
56	White paper of the Society of Abdominal Radiology hepatocellular carcinoma diagnosis disease-focused panel on LI-RADS v2018 for CT and MRI. Abdominal Radiology, 2018, 43, 2625-2642.	1.0	56
57	Performance of Hepatic Artery Velocity in Evaluation of Causes of Markedly Elevated Liver Tests. Ultrasound in Medicine and Biology, 2018, 44, 2233-2240.	0.7	5
58	Doppler Ultrasound in Liver Cirrhosis: Correlation of Hepatic Artery and Portal Vein Measurements With Model for End-Stage Liver Disease Score. Journal of Ultrasound in Medicine, 2017, 36, 725-730.	0.8	18
59	Reduced dose CT with model-based iterative reconstruction compared to standard dose CT of the chest, abdomen, and pelvis in oncology patients: intra-individual comparison study on image quality and lesion conspicuity. Abdominal Radiology, 2017, 42, 2279-2288.	1.0	23
60	MR Imaging–Pathologic Correlation in Ovarian Cancer. Magnetic Resonance Imaging Clinics of North America, 2017, 25, 545-562.	0.6	15
61	Chapter 5 Ultrasound Characteristics of Benign vs Malignant Cervical Lymph Nodes. Seminars in Ultrasound, CT and MRI, 2017, 38, 506-515.	0.7	34
62	Perfusion CT measurements predict tumor response in rectal carcinoma. Abdominal Radiology, 2017, 42, 1132-1140.	1.0	11
63	Screening and Surveillance of Hepatocellular Carcinoma. Radiologic Clinics of North America, 2017, 55, 1197-1209.	0.9	28
64	Benign Gynecologic Conditions of the Uterus. Magnetic Resonance Imaging Clinics of North America, 2017, 25, 577-600.	0.6	6
65	2017 Version of LI-RADS for CT and MR Imaging: An Update. Radiographics, 2017, 37, 1994-2017.	1.4	185
66	Noninvasive radiomics signature based on quantitative analysis of computed tomography images as a surrogate for microvascular invasion in hepatocellular carcinoma: a pilot study. Journal of Medical Imaging, 2017, 4, 1.	0.8	57
67	Do CT perfusion measures predict early clinical response in patients with advanced renal cell carcinoma?. Journal of Clinical Oncology, 2017, 35, 496-496.	0.8	0
68	Toward Automated Pre-Biopsy Thyroid Cancer Risk Estimation in Ultrasound. AMIA ... Annual Symposium proceedings, 2017, 2017, 734-741.	0.2	2
69	Radiological findings in pelvic solitary fibrous tumour. BJR|case Reports, 2016, 2, 20150373.	0.1	1
70	Duplex Doppler Ultrasound of the Hepatic Artery. Ultrasound Quarterly, 2016, 32, 58-66.	0.3	5
71	Clinical and imaging predictors of management in retained products of conception. Abdominal Radiology, 2016, 41, 2429-2434.	1.0	21
72	Robotic intrafractional US guidance for liver SABR: System design, beam avoidance, and clinical imaging. Medical Physics, 2016, 43, 5951-5963.	1.6	17

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73	Sonographic Evaluation for Endometrial Polyps. Journal of Ultrasound in Medicine, 2016, 35, 2381-2387.	0.8	9
74	Ovarian cancer mimics: how to avoid being fooled by extraovarian pelvic masses. Abdominal Radiology, 2016, 41, 783-793.	1.0	5
75	Core samples for radiomics features that are insensitive to tumor segmentation: method and pilot study using CT images of hepatocellular carcinoma. Journal of Medical Imaging, 2015, 2, 041011.	0.8	50
76	Classification of Hypervascular Liver Lesions Based on Hepatic Artery and Portal Vein Blood Supply Coefficients Calculated from Triphasic CT Scans. Journal of Digital Imaging, 2015, 28, 213-223.	1.6	31
77	Atypia of Undetermined Significance and Follicular Lesions of Undetermined Significance. Journal of Ultrasound in Medicine, 2015, 34, 767-774.	0.8	13
78	Atypical Thyroid Cancers on Sonography. Ultrasound Quarterly, 2015, 31, 69-74.	0.3	10
79	Variable color Doppler sonographic appearances of retained products of conception: radiologic-pathologic correlation. Abdominal Imaging, 2015, 40, 2683-2689.	2.0	7
80	Sonographic Detection of Extracapsular Extension in Papillary Thyroid Cancer. Journal of Ultrasound in Medicine, 2015, 34, 2225-2230.	0.8	52
81	Pretreatment lab values to predict overall survival in patients with primary unresectable pancreatic adenocarcinoma treated with SBRT.. Journal of Clinical Oncology, 2015, 33, 433-433.	0.8	0
82	A multicenter phase II study of pazopanib in patients with advanced gastrointestinal stromal tumors (GIST) following failure of at least imatinib and sunitinib. Annals of Oncology, 2014, 25, 236-240.	0.6	83
83	Single- versus Multifraction Stereotactic Body Radiation Therapy for Pancreatic Adenocarcinoma: Outcomes and Toxicity. International Journal of Radiation Oncology Biology Physics, 2014, 90, 918-925.	0.4	98
84	CT Perfusion of the Liver: Principles and Applications in Oncology. Radiology, 2014, 272, 322-344.	3.6	154
85	A phase II study of capecitabine, carboplatin, and bevacizumab for metastatic or unresectable gastroesophageal junction and gastric adenocarcinoma.. Journal of Clinical Oncology, 2014, 32, 115-115.	0.8	2
86	Aortoenteric fistulas: spectrum of CT findings. Abdominal Imaging, 2013, 38, 367-375.	2.0	44
87	New Technologies in Clinical Ultrasound. Seminars in Roentgenology, 2013, 48, 214-223.	0.2	31
88	Pitfalls in Sonographic Evaluation of Thyroid Abnormalities. Seminars in Ultrasound, CT and MRI, 2013, 34, 226-235.	0.7	13
89	Quantitatively Defining Washout in Hepatocellular Carcinoma. American Journal of Roentgenology, 2013, 200, 84-89.	1.0	56
90	Physiologic, Histologic, and Imaging Features of Retained Products of Conception. Radiographics, 2013, 33, 781-796.	1.4	117

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91	The Elusive Parathyroid Adenoma. Ultrasound Quarterly, 2013, 29, 179-187.	0.3	19
92	Photoacoustic Imaging of the Bladder. Journal of Ultrasound in Medicine, 2013, 32, 1245-1250.	0.8	12
93	Positron Emission Tomography for Predicting Pathologic Response After Neoadjuvant Chemoradiotherapy for Locally Advanced Rectal Cancer. American Journal of Clinical Oncology: Cancer Clinical Trials, 2012, 35, 334-339.	0.6	24
94	Multidetector Computed Tomography Triphasic Evaluation of the Liver Before Transplantation. Journal of Computer Assisted Tomography, 2012, 36, 213-219.	0.5	15
95	Imaging Manifestations of Abdominal Fat Necrosis and Its Mimics. Radiographics, 2011, 31, 2021-2034.	1.4	87
96	Hepatic Epithelioid Hemangioendothelioma. Digestive Diseases and Sciences, 2011, 56, 303-306.	1.1	17
97	A Bayesian Network for Differentiating Benign From Malignant Thyroid Nodules Using Sonographic and Demographic Features. American Journal of Roentgenology, 2011, 196, W598-W605.	1.0	34
98	Recurrence in the Thyroidectomy Bed: Sonographic Findings. American Journal of Roentgenology, 2011, 196, 66-70.	1.0	51
99	Ultrasound Imaging of Bowel Pathology: Technique and Keys to Diagnosis in the Acute Abdomen. American Journal of Roentgenology, 2011, 197, W1067-W1075.	1.0	28
100	Informatics in Radiology: RADTF: A Semantic Search–enabled, Natural Language Processor–generated Radiology Teaching File. Radiographics, 2010, 30, 2039-2048.	1.4	30
101	3-D Deep penetration photoacoustic imaging with a 2-D CMUT array. , 2010, 2010, 375-377.		8
102	Pathological Response after Chemoradiation for T3 Rectal Cancer. Colorectal Disease, 2009, 12, e24-30.	0.7	2
103	Ultrasound of Thyroid Nodules. Ultrasound Clinics, 2009, 4, 87-103.	0.2	1
104	Hypervascular Liver Lesions. Seminars in Ultrasound, CT and MRI, 2009, 30, 387-407.	0.7	57
105	Optimal Vascular and Parenchymal Contrast Enhancement: The Current State of the Art. Radiologic Clinics of North America, 2009, 47, 13-26.	0.9	95
106	Intraoperative Ultrasound of the Pancreas. Ultrasound Quarterly, 2009, 25, 39-48.	0.3	31
107	Imaging and Diagnosis of Postpartum Complications. Ultrasound Quarterly, 2009, 25, 151-162.	0.3	30
108	Retained Products of Conception. Journal of Ultrasound in Medicine, 2009, 28, 1031-1041.	0.8	91

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109	A Controlled Vocabulary to Represent Sonographic Features of the Thyroid and its application in a Bayesian Network to Predict Thyroid Nodule Malignancy. Summit on Translational Bioinformatics, 2009, 2009, 68-72.	0.7	1
110	Ultrasound of Thyroid Nodules. Neuroimaging Clinics of North America, 2008, 18, 463-478.	0.5	42
111	Emergency Gynecologic Imaging. Seminars in Ultrasound, CT and MRI, 2008, 29, 353-368.	0.7	18
112	Investigating large 2D arrays for photoacoustic and acoustic imaging using CMUT technology. , 2008, , .		2
113	Fetus In Fetu: 11 Fetoid Forms in a Single Fetus. Journal of Ultrasound in Medicine, 2008, 27, 1381-1387.	0.8	19
114	An Unusual Imaging and Clinical Presentation of Papillary Thyroid Carcinoma. Journal of Ultrasound in Medicine, 2008, 27, 1241-1244.	0.8	0
115	Relapsed Extramedullary Multiple Myeloma Presenting as Bilateral Solid Perirenal Masses. Radiology Case Reports, 2007, 2, 93.	0.2	1
116	Multiple Lesions of the Spleen: Differential Diagnosis of Cystic and Solid Lesions. Seminars in Ultrasound, CT and MRI, 2006, 27, 389-403.	0.7	80
117	Sonography of the Abnormal Parathyroid Gland. Ultrasound Quarterly, 2006, 22, 253-262.	0.3	52
118	Characterization of a Linear Streak Artifact With Pulse Inversion Tissue Harmonics in Musculoskeletal Sonography. Journal of Ultrasound in Medicine, 2004, 23, 1597-1605.	0.8	5
119	Twinkling Artifact on Color Doppler Sonography: Dependence on Machine Parameters and Underlying Cause. American Journal of Roentgenology, 2003, 180, 215-222.	1.0	154
120	Islet-cell tumors of the pancreas: Spectrum of MDCT findings. A pictorial essay.. , 0, , 10-28.		3