Elizabeth M Hecht

List of Publications by Year
in descending order

110 papers	4,952 citations	101543 36 h-index	95266 68 g-index
110 all docs	110 docs citations	110 times ranked	5397 citing authors

#	Article	IF	Citations
1	Focal Liver Lesion Detection and Characterization with Diffusion-weighted MR Imaging: Comparison with Standard Breath-hold T2-weighted Imaging. Radiology, 2008, 246, 812-822.	7.3	505
2	Dual-Energy CT in Patients Suspected of Having Renal Masses: Can Virtual Nonenhanced Images Replace True Nonenhanced Images?. Radiology, 2009, 252, 433-440.	7.3	380
3	Renal Lesions: Characterization with Diffusion-weighted Imaging versus Contrast-enhanced MR Imaging. Radiology, 2009, 251, 398-407.	7.3	291
4	The Use of Opposed-Phase Chemical Shift MRI in the Diagnosis of Renal Angiomyolipomas. American Journal of Roentgenology, 2005, 184, 1868-1872.	2.2	185
5	2017 Version of LI-RADS for CT and MR Imaging: An Update. Radiographics, 2017, 37, 1994-2017.	3.3	185
6	Comparison of Biexponential and Monoexponential Model of Diffusion Weighted Imaging in Evaluation of Renal Lesions. Investigative Radiology, 2011, 46, 285-291.	6.2	150
7	Renal Masses: Quantitative Analysis of Enhancement with Signal Intensity Measurements versus Qualitative Analysis of Enhancement with Image Subtraction for Diagnosing Malignancy at MR Imaging. Radiology, 2004, 232, 373-378.	7.3	148
8	Importance of Small (â‰20-mm) Enhancing Lesions Seen Only during the Hepatic Arterial Phase at MR Imaging of the Cirrhotic Liver: Evaluation and Comparison with Whole Explanted Liver. Radiology, 2005, 237, 938-944.	7.3	138
9	Evaluation of Bowel Distention and Bowel Wall Appearance by Using Neutral Oral Contrast Agent for Multiâ€“Detector Row CT. Radiology, 2006, 238, 87-95.	7.3	128
10	Hepatocellular Carcinoma in the Cirrhotic Liver: Gadolinium-enhanced 3D T1-weighted MR Imaging as a Stand-alone Sequence for Diagnosis. Radiology, 2006, 239, 438-447.	7.3	114
11	Endovascular treatment of spontaneous dissections of the superior mesenteric artery. Journal of Vascular Surgery, 2009, 50, 1326-1332.	1.1	114
12	Diagnosis of liver metastases: value of diffusion-weighted MRI compared with gadolinium-enhanced MRI. European Radiology, 2010, 20, 1431-1441.	4.5	104
13	Dextran coated bismuthâ€“iron oxide nanohybrid contrast agents for computed tomography and magnetic resonance imaging. Journal of Materials Chemistry B, 2014, 2, 8239-8248.	5.8	102
14	Bosniak Category IIF Designation and Surgery for Complex Renal Cysts. Journal of Urology, 2009, 182, 1091-1095.	0.4	96
15	3D nongadoliniumâ€enhanced ECGâ€gated MRA of the distal lower extremities: Preliminary clinical experience. Journal of Magnetic Resonance Imaging, 2008, 28, 181-189.	3.4	95
16	Extent of Signal Hyperintensity on Unenhanced T1-weighted Brain MR Images after More than 35 Administrations of Linear Gadolinium-based Contrast Agents. Radiology, 2017, 282, 516-525.	7.3	94
17	LI-RADS: a conceptual and historical review from its beginning to its recent integration into AASLD clinical practice guidance . Journal of Hepatocellular Carcinoma, 2019, Volume 6, 49-69.	3.7	93
18	Single-Institution Experience with Irreversible Electroporation for T4 Pancreatic Cancer: First 50 Patients. Annals of Surgical Oncology, 2016, 23, 1736-1743.	1.5	90

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19	Body and Cardiovascular MR Imaging at 3.0 T. Radiology, 2007, 244, 692-705.	7.3	88
20	Anatomy of the Heart at Multidetector CT: What the Radiologist Needs to Know. Radiographics, 2007, 27, 1569-1582.	3.3	80
21	Follow-up for Bosniak Category 2F Cystic Renal Lesions. Radiology, 2014, 272, 757-766.	7.3	78
22	Hepatocellular carcinoma: Assessment of response to transarterial chemoembolization with image subtraction. Journal of Magnetic Resonance Imaging, 2010, 31, 348-355.	3.4	76
23	Ventricular Diverticula on Cardiac CT: More Common Than Previously Thought. American Journal of Roentgenology, 2007, 189, 204-208.	2.2	72
24	Isotropic 3D T2-Weighted MR Cholangiopancreatography with Parallel Imaging: Feasibility Study. American Journal of Roentgenology, 2006, 187, 1564-1570.	2.2	66
25	Unusual Manifestations and Complications of Endometriosisâ€"Spectrum of Imaging Findings: Pictorial Review. American Journal of Roentgenology, 2010, 194, WS34-WS46.	2.2	58
26	Dual-Source Versus Single-Source Cardiac CT Angiography: Comparison of Diagnostic Image Quality. American Journal of Roentgenology, 2009, 192, 1051-1056.	2.2	56
27	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.	2.1	56
28	Dynamic MR Angiography of Upper Extremity Vascular Disease: Pictorial Review. Radiographics, 2008, 28, e28-e28.	3.3	49
29	Validation of Liver Imaging Reporting and Data System 2017 (LIâ€RADS) Criteria for Imaging Diagnosis of Hepatocellular Carcinoma. Journal of Magnetic Resonance Imaging, 2019, 49, e205-e215.	3.4	46
30	MRI of Pelvic Floor Dysfunction: Dynamic True Fast Imaging with Steady-State Precession Versus HASTE. American Journal of Roentgenology, 2008, 191, 352-358.	2.2	41
31	Neoadjuvant gemcitabine, docetaxel, and capecitabine followed by gemcitabine and capecitabine/radiation therapy and surgery in locally advanced, unresectable pancreatic adenocarcinoma. Cancer, 2015, 121, 673-680.	4.1	41
32	Introduction to the Liver Imaging Reporting and Data System for Hepatocellular Carcinoma. Clinical Gastroenterology and Hepatology, 2019, 17, 1228-1238.	4.4	41
33	CT and MR Imaging of Complications of Partial Nephrectomy. Radiographics, 2006, 26, 1419-1429.	3.3	40
34	Resection of Locally Advanced Pancreatic Cancer without Regression of Arterial Encasement After Modern-Era Neoadjuvant Therapy. Journal of Gastrointestinal Surgery, 2018, 22, 235-241.	1.7	40
35	White paper on pancreatic ductal adenocarcinoma from society of abdominal radiologyâ€™s disease-focused panel for pancreatic ductal adenocarcinoma: Part I, AJCC staging system, NCCN guidelines, and borderline resectable disease. Abdominal Radiology, 2020, 45, 716-728.	2.1	40
36	Effect of Renal Function on Gadolinium-Related Signal Increases on Unenhanced T1-Weighted Brain Magnetic Resonance Imaging. Investigative Radiology, 2016, 51, 677-682.	6.2	39

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37	MRI safety and devices: An update and expert consensus. Journal of Magnetic Resonance Imaging, 2020, 51, 657-674.	3.4	37
38	Added Value of Multiplanar Reformation in the Multidetector CT Evaluation of the Female Pelvis: A Pictorial Review. Radiographics, 2009, 29, 1987-2003.	3.3	36
39	Normal or Abnormal? Demystifying Uterine and Cervical Contrast Enhancement at Multidetector CT. Radiographics, 2011, 31, 647-661.	3.3	35
40	Liver MRI at 3 T Using a Respiratory-Triggered Time-Efficient 3D T2-Weighted Technique: Impact on Artifacts and Image Quality. American Journal of Roentgenology, 2010, 194, 634-641.	2.2	33
41	Impact of a Structured Reporting TemplateÂon Adherence to Prostate Imaging Reporting and Data System VersionÂ2 and on the Diagnostic Performance of Prostate MRI for ClinicallyÂSignificant Prostate Cancer. Journal of the American College of Radiology, 2018, 15, 749-754.	1.8	30
42	Multimodality Imaging of the Postpartum or Posttermination Uterus: Evaluation Using Ultrasound, Computed Tomography, and Magnetic Resonance Imaging. Current Problems in Diagnostic Radiology, 2014, 43, 374-385.	1.4	29
43	CT/MR LI-RADS 2018: clinical implications and management recommendations. Abdominal Radiology, 2019, 44, 1306-1322.	2.1	28
44	Diffusionâ€weighted imaging for prediction of volumetric response of leiomyomas following uterine artery embolization: A preliminary study. Journal of Magnetic Resonance Imaging, 2011, 33, 641-646.	3.4	27
45	Three-dimensional Electrocardiographically Gated Variable Flip Angle FSE Imaging for MR Angiography of the Hands at 3.0 T: Initial Experience. Radiology, 2009, 252, 874-881.	7.3	25
46	A Multidisciplinary Head-to-Head Comparison of American College of Radiology Thyroid Imaging and Reporting Data System and American Thyroid Association Ultrasound Risk Stratification Systems. Oncologist, 2020, 25, 398-403.	3.7	25
47	Can diffusionâ€weighted imaging serve as a biomarker of fibrosis in pancreatic adenocarcinoma?. Journal of Magnetic Resonance Imaging, 2017, 46, 393-402.	3.4	24
48	White paper on pancreatic ductal adenocarcinoma from society of abdominal radiologyâ€™s disease-focused panel for pancreatic ductal adenocarcinoma: Part II, update on imaging techniques and screening of pancreatic cancer in high-risk individuals. Abdominal Radiology, 2020, 45, 729-742.	2.1	24
49	Long-Term Surveillance and Timeline of Progression of Presumed Low-Risk Intraductal Papillary Mucinous Neoplasms. American Journal of Roentgenology, 2017, 209, 320-326.	2.2	22
50	Predictors of Progression Among Low-Risk Intraductal Papillary Mucinous Neoplasms in a Multicenter Surveillance Cohort. Pancreas, 2018, 47, 471-476.	1.1	22
51	Angiomyolipoma with epithelial cysts: mimic of renal cell carcinoma. Clinical Imaging, 2010, 34, 65-68.	1.5	21
52	Intraductal papillary mucinous neoplasm (IPMN) of the pancreas: recommendations for Standardized Imaging and Reporting from the Society of Abdominal Radiology IPMN disease focused panel. Abdominal Radiology, 2021, 46, 1586-1606.	2.1	21
53	Timeâ€resolved lower extremity MRA with temporal interpolation and stochastic spiral trajectories: Preliminary clinical experience. Journal of Magnetic Resonance Imaging, 2010, 31, 663-672.	3.4	20
54	Hepatocellular adenomas: Understanding the pathomolecular lexicon, MRI features, terminology, and pitfalls to inform a standardized approach. Journal of Magnetic Resonance Imaging, 2020, 51, 1630-1640.	3.4	20

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55	Distal Lower Extremity Imaging. Journal of Computer Assisted Tomography, 2007, 31, 29-36.	0.9	19
56	Machine learning in cardiovascular radiology: ESCR position statement on design requirements, quality assessment, current applications, opportunities, and challenges. European Radiology, 2021, 31, 3909-3922.	4.5	19
57	Perspectives on Body MR Imaging at Ultrahigh Field. Magnetic Resonance Imaging Clinics of North America, 2007, 15, 449-465.	1.1	18
58	MRI of the Urethra in Women With Lower Urinary Tract Symptoms: Spectrum of Findings at Static and Dynamic Imaging. American Journal of Roentgenology, 2009, 193, 1708-1715.	2.2	18
59	User and system pitfalls in liver imaging with LIâ€RADS. Journal of Magnetic Resonance Imaging, 2019, 50, 1673-1686.	3.4	18
60	Perforator Vessel Recipient Options in the Lower Extremity: An Anatomically Based Approach to Safer Limb Salvage. Journal of Reconstructive Microsurgery, 2010, 26, 461-469.	1.8	17
61	Preliminary Clinical Experience at 3 T With a 3D T2-Weighted Sequence Compared With Multiplanar 2D for Evaluation of the Female Pelvis. American Journal of Roentgenology, 2011, 197, W346-W352.	2.2	17
62	Diagnostic Performance of LI-RADS Version 2018, LI-RADS Version 2017, and OPTN Criteria for Hepatocellular Carcinoma. American Journal of Roentgenology, 2020, 215, 1085-1092.	2.2	17
63	Time-Resolved 3D MR Angiography with Parallel Imaging for Evaluation of Hemodialysis Fistulas and Grafts: Initial Experience. American Journal of Roentgenology, 2006, 186, 1436-1442.	2.2	16
64	Pulmonary MR Angiography Techniques and Applications. Magnetic Resonance Imaging Clinics of North America, 2009, 17, 101-131.	1.1	16
65	Pelvic ultrasound immediately following MDCT in female patients with abdominal/pelvic pain: is it always necessary?. Emergency Radiology, 2011, 18, 371-380.	1.8	16
66	Predictors of Response and Survival in Locally Advanced Adenocarcinoma of the Pancreas Following Neoadjuvant GTX with or Without Radiation Therapy. Oncologist, 2018, 23, 4-e10.	3.7	16
67	Myocardial Bridging. Journal of Computer Assisted Tomography, 2008, 32, 242-246.	0.9	15
68	Athletic Injuries of the Thoracic Cage. Radiographics, 2021, 41, E20-E39.	3.3	15
69	The rate of tumor growth during treatment accurately predicts the FDA gold standard of overall survival [OS] in a broad range of malignancies.. Journal of Clinical Oncology, 2018, 36, 2545-2545.	1.6	15
70	Imaging of pancreatic cancer: what the surgeon wants to know. Clinical Imaging, 2017, 42, 203-217.	1.5	14
71	Angiotensin-converting enzyme inhibitor-enhanced MR renography: repeated measures of GFR and RPF in hypertensive patients. American Journal of Physiology - Renal Physiology, 2009, 296, F884-F891.	2.7	13
72	Pitfalls in liver MRI: Technical approach to avoiding misdiagnosis and improving image quality. Journal of Magnetic Resonance Imaging, 2019, 49, 41-58.	3.4	13

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73	Irreversible electroporation of pancreatic adenocarcinoma: a primer for the radiologist. Abdominal Radiology, 2018, 43, 457-466.	2.1	12
74	Living Donor Liver Transplantation: Preoperative Planning and Postoperative Complications. American Journal of Roentgenology, 2019, 213, 65-76.	2.2	12
75	The Role of Computed Tomography and Magnetic Resonance Imaging in Gynecologic Oncology. PET Clinics, 2018, 13, 127-141.	3.0	11
76	Living Donor Liver Transplantation: Overview, Imaging Technique, and Diagnostic Considerations. American Journal of Roentgenology, 2019, 213, 54-64.	2.2	10
77	Quadricuspid Aortic Valve. Journal of Computer Assisted Tomography, 2006, 30, 569-571.	0.9	9
78	Magnetic Resonance Imaging Appearance of Ovarian Stromal Hyperplasia and Ovarian Hyperthecosis. Journal of Computer Assisted Tomography, 2009, 33, 912-916.	0.9	9
79	Serial cardiac MRIs in adult Fontan patients detect progressive hepatic enlargement and congestion. Congenital Heart Disease, 2017, 12, 153-158.	0.2	9
80	Clinicians and surgeon survey regarding current and future versions of CT/MRI LI-RADS. Abdominal Radiology, 2020, 45, 2603-2611.	2.1	9
81	Renal Imaging in Patients with Renal Impairment. Current Urology Reports, 2011, 12, 24-33.	2.2	8
82	Laparoscopic and Open Partial Nephrectomy: Frequency and Long-term Follow-up of Postoperative Collections. Radiology, 2010, 255, 476-484.	7.3	7
83	Dual source computed tomography coronary angiography in new onset cardiomyopathy. World Journal of Radiology, 2012, 4, 258.	1.1	7
84	T1 hyperintensity of bladder urine at prostate MRI: frequency and comparison with urinalysis findings. Clinical Imaging, 2011, 35, 203-207.	1.5	6
85	Rare pancreatic tumors. Abdominal Radiology, 2018, 43, 285-300.	2.1	6
86	MR Angiography Series: Fundamentals of Nonâ€“Contrast-enhanced MR Angiography. Radiographics, 2021, 41, E157-E158.	3.3	6
87	MR Angiography Series: Fundamentals of Contrast-enhanced MR Angiography. Radiographics, 2021, 41, E138-E139.	3.3	5
88	Reducing Interruptions in the Reading Room: Standardized CT/MRI Contrast Orders. Journal of the American College of Radiology, 2015, 12, 1196-1199.	1.8	4
89	Extensive Infiltrating Renal Cell Carcinoma With Minimal Distortion of the Renal Anatomy Mimicking Benign Renal Vein Thrombosis. American Journal of Kidney Diseases, 2010, 55, 967-971.	1.9	3
90	Unusual Manifestations and Complications of Endometriosisâ€”Spectrum of Imaging Findings: Self-Assessment Module. American Journal of Roentgenology, 2010, 194, S84-S88.	2.2	3

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91	Update on liver MRI at 3T. Imaging in Medicine, 2011, 3, 51-65.	0.0	3
92	Noncontrast Magnetic Resonance Angiography in the Era of Nephrogenic Systemic Fibrosis and Gadolinium Deposition. Journal of Computer Assisted Tomography, 2021, 45, 37-51.	0.9	3
93	The Proximally Based Peroneal Vascular Bundle. Annals of Plastic Surgery, 2009, 62, 556-559.	0.9	2
94	Gadofosveset trisodiumâ€“enhanced MR angiography for detection of lower gastrointestinal bleeding. Clinical Imaging, 2015, 39, 1052-1055.	1.5	2
95	Additive value of non-contrast MRA in the preoperative evaluation of potential liver donors. Clinical Imaging, 2017, 41, 132-136.	1.5	2
96	Re: Risk scoring system with MRI for intraoperative massive hemorrhage in placenta previa and accreta. Journal of Magnetic Resonance Imaging, 2020, 51, 959-960.	3.4	2
97	Editorial for â€œMRI vs. CT for the Detection of Liver Metastases in Patients With Pancreatic Carcinoma: A Comparative Diagnostic Test Accuracy Systematic Review and Metaâ€Analysisâ€. Journal of Magnetic Resonance Imaging, 2021, 53, 49-50.	3.4	2
98	MR Angiography Series: Neurovascular MR Angiography. Radiographics, 2021, 41, E204-E205.	3.3	2
99	MR Angiography Series: Abdominal and Pelvic MR Angiography. Radiographics, 2022, , 210224.	3.3	2
100	Comparing Survival Outcomes of Patients With <scp>Liâ€RADSâ€M</scp> Hepatocellular Carcinomas and Intrahepatic Cholangiocarcinomas. Journal of Magnetic Resonance Imaging, 2023, 57, 308-317.	3.4	2
101	MR Angiography Series: MR Angiography of the Extremities. Radiographics, 2022, 42, E132-E133.	3.3	2
102	MR Angiography Series: Noncardiac Chest MR Angiography. Radiographics, 2022, 42, E48-E49.	3.3	1
103	Liver Transplant for Non-Hepatocellular Malignancies: A Review for Radiologists. American Journal of Roentgenology, 2022, , .	2.2	1
104	Liver MR imaging at 3T: challenges and opportunities. , 0, , 67-81.		0
105	Su1363 Multicenter Results of Long Term Surveillance of Intraductal Papillary Mucinous Neoplasms Without Worrisome Features. Gastroenterology, 2016, 150, S504.	1.3	0
106	Su1362 Long Term Surveillance and Risk of Progression of Low-Intermediate Risk Branch Duct Intraductal Papillary Mucinous Neoplasms. Gastroenterology, 2016, 150, S503-S504.	1.3	0
107	Predictors of Progression Among Low Risk IPMNs in a Large Multicenter Surveillance Cohort Study. Gastroenterology, 2017, 152, S672-S673.	1.3	0
108	LI-RADS v2018: a Primer and Update for Clinicians. Current Hepatology Reports, 2018, 17, 425-433.	0.9	0

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109	Magnetic Resonance Imaging of Acute Pancreatitis. Medical Radiology, 2009, , 79-104.	0.1	0
110	Concomitant Hepatocellular Carcinoma and Gallbladder Adenocarcinoma: A Case Report. American Journal of Gastroenterology, 2016, 111, S911.	0.4	0