

Shintaro Ichikawa

List of Publications by Year in descending order

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66
papers

1,548
citations

331670

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330143

37
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66
all docs

66
docs citations

66
times ranked

1908
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Resonance Elastography for Staging Liver Fibrosis in Chronic Hepatitis C. <i>Magnetic Resonance in Medical Sciences</i> , 2012, 11, 291-297.	2.0	110
2	Intravoxel incoherent motion imaging of the kidney: alterations in diffusion and perfusion in patients with renal dysfunction. <i>Magnetic Resonance Imaging</i> , 2013, 31, 414-417.	1.8	90
3	Motion Artifact Reduction Using a Convolutional Neural Network for Dynamic Contrast Enhanced MR Imaging of the Liver. <i>Magnetic Resonance in Medical Sciences</i> , 2020, 19, 64-76.	2.0	87
4	Comparison of the diagnostic accuracies of magnetic resonance elastography and transient elastography for hepatic fibrosis. <i>Magnetic Resonance Imaging</i> , 2015, 33, 26-30.	1.8	84
5	Delay before the hepatocyte phase of Gd-EOB-DTPA-enhanced MR imaging: Is it possible to shorten the examination time?. <i>European Radiology</i> , 2009, 19, 2623-2629.	4.5	80
6	MRI-based staging of hepatic fibrosis: Comparison of intravoxel incoherent motion diffusion-weighted imaging with magnetic resonance elastography. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 204-210.	3.4	68
7	Dilution method of gadolinium ethoxybenzyl diethylenetriaminepentaacetic acid (Gd-EOB-DTPA)-enhanced magnetic resonance imaging (MRI). <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 849-854.	3.4	67
8	Liver stiffness measured by magnetic resonance elastography as a risk factor for hepatocellular carcinoma: a preliminary case-control study. <i>European Radiology</i> , 2013, 23, 156-162.	4.5	59
9	Added Value of a Gadoteric Acid-enhanced Hepatocyte-phase Image to the LI-RADS System for Diagnosing Hepatocellular Carcinoma. <i>Magnetic Resonance in Medical Sciences</i> , 2016, 15, 49-59.	2.0	55
10	Magnetic resonance elastography is as accurate as liver biopsy for liver fibrosis staging. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1268-1275.	3.4	51
11	Intravoxel incoherent motion imaging of focal hepatic lesions. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 1371-1376.	3.4	47
12	Diffusion and Intravoxel Incoherent Motion MR Imaging-based Virtual Elastography: A Hypothesis-generating Study in the Liver. <i>Radiology</i> , 2017, 285, 609-619.	7.3	44
13	Comparison of diagnostic accuracies of two- and three-dimensional MR elastography of the liver. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1163-1170.	3.4	44
14	Hepatitis activity should be considered a confounder of liver stiffness measured with MR elastography. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1203-1208.	3.4	42
15	Association of splenic MR elastographic findings with gastroesophageal varices in patients with chronic liver disease. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 117-124.	3.4	42
16	Morphophenotypic changes in human multistep hepatocarcinogenesis with translational implications. <i>Journal of Hepatology</i> , 2016, 64, 87-93.	3.7	40
17	Diffusion-weighted MRI-based Virtual Elastography for the Assessment of Liver Fibrosis. <i>Radiology</i> , 2020, 295, 127-135.	7.3	37
18	Pathologic, Molecular, and Prognostic Radiologic Features of Hepatocellular Carcinoma. <i>Radiographics</i> , 2021, 41, 1611-1631.	3.3	32

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19	Presence of a hypovascular hepatic nodule showing hypointensity on hepatocyte-phase image is a risk factor for hypervascular hepatocellular carcinoma. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 293-297.	3.4	30
20	Contrast Agent-Induced High Signal Intensity in Dentate Nucleus on Unenhanced T1-Weighted Images. <i>Investigative Radiology</i> , 2017, 52, 389-395.	6.2	26
21	Magnetic resonance elastography can predict development of hepatocellular carcinoma with longitudinally acquired two-point data. <i>European Radiology</i> , 2019, 29, 1013-1021.	4.5	24
22	Accelerated Acquisition of High-resolution Diffusion-weighted Imaging of the Brain with a Multi-shot Echo-planar Sequence: Deep-learning-based Denoising. <i>Magnetic Resonance in Medical Sciences</i> , 2021, 20, 99-105.	2.0	24
23	Usefulness of MR elastography for detecting clinical progression of cirrhosis from child-pugh class A to B in patients with type C viral hepatitis. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 715-722.	3.4	21
24	Was Hypervascular Hepatocellular Carcinoma Visible on Previous Gadoteric Acid-Enhanced Magnetic Resonance Images?. <i>Liver Cancer</i> , 2015, 4, 154-162.	7.7	20
25	MR-based Measurements of Portal Vein Flow and Liver Stiffness for Predicting Gastroesophageal Varices. <i>Magnetic Resonance in Medical Sciences</i> , 2013, 12, 77-86.	2.0	18
26	Validity and Reliability of Magnetic Resonance Elastography for Staging Hepatic Fibrosis in Patients with Chronic Hepatitis B. <i>Magnetic Resonance in Medical Sciences</i> , 2015, 14, 211-221.	2.0	17
27	Noninvasive hepatic fibrosis staging using mr elastography: The usefulness of the bayesian prediction method. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 375-382.	3.4	17
28	Ring-Like Enhancement of Hepatocellular Carcinoma in Gadoteric Acid-Enhanced Multiphasic Hepatic Arterial Phase Imaging With Differential Subsampling With Cartesian Ordering. <i>Investigative Radiology</i> , 2018, 53, 191-199.	6.2	16
29	Magnetic Resonance Elastography as a Predictor of Insufficient Liver Enhancement on Gadoteric Acid-Enhanced Hepatocyte-Phase Magnetic Resonance Imaging in Patients With Type C Hepatitis and Child-Pugh Class A Disease. <i>Investigative Radiology</i> , 2012, 47, 566-570.	6.2	15
30	Histological Grading of Hepatocellular Carcinomas with Intravoxel Incoherent Motion Diffusion-weighted Imaging: Inconsistent Results Depending on the Fitting Method. <i>Magnetic Resonance in Medical Sciences</i> , 2018, 17, 168-173.	2.0	14
31	Distinguishing intrahepatic mass-forming biliary carcinomas from hepatocellular carcinoma by computed tomography and magnetic resonance imaging using the Bayesian method: a bi-center study. <i>European Radiology</i> , 2020, 30, 5992-6002.	4.5	14
32	MRI-based radiomics analysis for differentiating phyllodes tumors of the breast from fibroadenomas. <i>European Radiology</i> , 2022, 32, 4090-4100.	4.5	13
33	Fully automated convolutional neural network-based affine algorithm improves liver registration and lesion co-localization on hepatobiliary phase T1-weighted MR images. <i>European Radiology Experimental</i> , 2019, 3, 43.	3.4	12
34	Improving the Quality of Diffusion-weighted Imaging of the Left Hepatic Lobe Using Weighted Averaging of Signals from Multiple Excitations. <i>Magnetic Resonance in Medical Sciences</i> , 2019, 18, 225-232.	2.0	11
35	Outcome of hypovascular hepatic nodules with positive uptake of gadoteric acid in patients with cirrhosis. <i>European Radiology</i> , 2017, 27, 518-525.	4.5	10
36	Imaging features of hepatic inflammatory pseudotumor: distinction from colorectal liver metastasis using gadoteric acid-enhanced magnetic resonance imaging. <i>Abdominal Radiology</i> , 2020, 45, 2400-2408.	2.1	10

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37	Transient Respiratory-motion Artifact and Scan Timing during the Arterial Phase of Gadoxetate Disodium-enhanced MR Imaging: The Benefit of Shortened Acquisition and Multiple Arterial Phase Acquisition. <i>Magnetic Resonance in Medical Sciences</i> , 2021, 20, 280-289.	2.0	10
38	Diffusion-weighted image improves detectability of magnetic resonance cholangiopancreatography for pancreatic ductal adenocarcinoma concomitant with intraductal papillary mucinous neoplasm. <i>Medicine (United States)</i> , 2019, 98, e18039.	1.0	9
39	MRI-based risk factors of hepatocellular carcinoma in patients with chronic liver disease: A prospective observational study. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 389-396.	3.4	9
40	Utility of Stack-of-stars Acquisition for Hepatobiliary Phase Imaging without Breath-holding. <i>Magnetic Resonance in Medical Sciences</i> , 2020, 19, 99-107.	2.0	9
41	Clinical Evaluation of Respiratory-triggered 3D MRCP with Navigator Echoes Compared to Breath-hold Acquisition Using Compressed Sensing and/or Parallel Imaging. <i>Magnetic Resonance in Medical Sciences</i> , 2020, 19, 318-323.	2.0	9
42	Early Hepatocellular Carcinomas Showing Isointensity or Hyperintensity in Gadoxetic Acid-enhanced, Hepatocyte-Phase Magnetic Resonance Images. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 466-469.	0.9	8
43	Computed Tomography (CT) Venography With Dual-Energy CT. <i>Journal of Computer Assisted Tomography</i> , 2014, 38, 797-801.	0.9	8
44	Magnetic resonance elastography for prediction of radiation-induced liver disease after stereotactic body radiation therapy. <i>Hepatology</i> , 2017, 66, 664-665.	7.3	8
45	Diagnostic performance and image quality of low-tube voltage and low-contrast medium dose protocol with hybrid iterative reconstruction for hepatic dynamic CT. <i>British Journal of Radiology</i> , 2021, 94, 20210601.	2.2	8
46	Neuroendocrine carcinoma of uterine cervix findings shown by MRI for staging and survival analysis - Japan multicenter study. <i>Oncotarget</i> , 2020, 11, 3675-3686.	1.8	8
47	Dose-dependence of transient respiratory motion artifacts on gadoxetic acid-enhanced arterial phase MR images. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 433-438.	3.4	7
48	MR-guided Focused Ultrasound for Uterine Fibroids: A Preliminary Study of Relationship between the Treatment Outcomes and Factors of MR Images Including Elastography. <i>Magnetic Resonance in Medical Sciences</i> , 2019, 18, 82-87.	2.0	7
49	Optimal Combination of Features on Gadoxetate Disodium-enhanced MR Imaging for Non-invasive Differential Diagnosis of Hepatocellular Carcinoma: The JAMP-HCC Study. <i>Magnetic Resonance in Medical Sciences</i> , 2021, 20, 47-59.	2.0	7
50	Prognostic value of preoperative fluorodeoxyglucose positron emission tomography/computed tomography in patients with potentially resectable pancreatic cancer. <i>Abdominal Radiology</i> , 2018, 43, 3381-3389.	2.1	6
51	Optimal target b-value on computed diffusion-weighted magnetic resonance imaging for visualization of pancreatic ductal adenocarcinoma and focal autoimmune pancreatitis. <i>Abdominal Radiology</i> , 2021, 46, 636-646.	2.1	6
52	An Intra-individual Comparison between Free-breathing Dynamic MR Imaging of the Liver Using Stack-of-stars Acquisition and the Breath-holding Method Using Cartesian Sampling or View-sharing. <i>Magnetic Resonance in Medical Sciences</i> , 2023, 22, 221-231.	2.0	6
53	Linear gadolinium-based contrast agent (gadodiamide and gadopentetate dimeglumine)-induced high signal intensity on unenhanced T1-weighted images in pediatric patients. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1046-1052.	3.4	5
54	Feasibility of Combination Therapy with Nab-paclitaxel Plus Gemcitabine in Patients with Recurrent Pancreatic Cancer. <i>Anticancer Research</i> , 2018, 38, 6537-6542.	1.1	4

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55	Predicting Patients With Insufficient Liver Enhancement in the Hepatobiliary Phase Before the Injection of Gadoxetic Acid: A Practical Approach Using the Bayesian Method. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 62-69.	3.4	4
56	Multi-arterial phase MRI depicts inconsistent arterial phase hyperenhancement (APHE) subtypes in liver observations of patients at risk for hepatocellular carcinoma. <i>European Radiology</i> , 2021, 31, 7594-7604.	4.5	4
57	Imaging Findings of Acute Abdomen due to Complications of Meckel Diverticulum. <i>Canadian Association of Radiologists Journal</i> , 2020, 71, 149-153.	2.0	3
58	Distinction Between Hepatocellular Carcinoma and Hypervascular Liver Metastases in Non-cirrhotic Patients Using Gadoxetate Disodium-Enhanced Magnetic Resonance Imaging. <i>Canadian Association of Radiologists Journal</i> , 2022, 73, 639-646.	2.0	3
59	Key Imaging Findings for the Prospective Diagnosis of Rare Diseases of the Gallbladder and Cystic Duct. <i>Korean Journal of Radiology</i> , 2021, 22, 1462.	3.4	2
60	Preoperative CT Findings for Predicting Acute Exacerbation of Interstitial Pneumonia After Lung Cancer Surgery: A Multicenter Case-Control Study. <i>American Journal of Roentgenology</i> , 2021, 217, 859-869.	2.2	2
61	Primer on magnetic resonance imaging of the liver. <i>Clinical Liver Disease</i> , 2014, 4, 120-123.	2.1	1
62	Gadolinium-Based Contrast Agent Toxicity and Accumulation. , 2021, , 77-87.		1
63	Uptake of gadoxetic acid in hepatobiliary phase magnetic resonance imaging and transporter expression in hypovascular hepatocellular nodules. <i>European Journal of Radiology</i> , 2021, 138, 109669.	2.6	1
64	CNN color-coded difference maps accurately display longitudinal changes in liver MRI-PDFF. <i>European Radiology</i> , 2021, 31, 5041-5049.	4.5	1
65	Imaging findings of immunoglobulin G4-related disease: from the head to the pelvis. <i>Singapore Medical Journal</i> , 2021, 62, 574-581.	0.6	1
66	Computed tomography and magnetic resonance imaging findings of gynaecologic emergencies: A pictorial essay. <i>Journal of Medical Imaging and Radiation Oncology</i> , 0, , .	1.8	0