Joon-Il Choi

List of Publications by Year
in descending order

80 papers	1,872 citations	304602 22 h-index	289141 40 g-index
80 all docs	80 docs citations	80 times ranked	2594 citing authors

#	Article	IF	Citations
1	Association between increment of serum VEGF level and prognosis after transcatheter arterial chemoembolization in hepatocellular carcinoma patients. Cancer Science, 2008, 99, 2037-2044.	1.7	181
2	KASL clinical practice guidelines: Management of nonalcoholic fatty liver disease. Clinical and Molecular Hepatology, 2021, 27, 363-401.	4.5	152
3	Phase II study of concurrent transarterial chemoembolization and sorafenib in patients with unresectable hepatocellular carcinoma. Journal of Hepatology, 2012, 56, 1336-1342.	1.8	148
4	Dose–volumetric parameters predicting radiation-induced hepatic toxicity in unresectable hepatocellular carcinoma patients treated with three-dimensional conformal radiotherapy. International Journal of Radiation Oncology Biology Physics, 2007, 67, 225-231.	0.4	138
5	Planning Ultrasound for Percutaneous Radiofrequency Ablation to Treat Small (≤3 cm) Hepatocellular Carcinomas Detected on Computed Tomography or Magnetic Resonance Imaging: A Multicenter Prospective Study to Assess Factors Affecting Ultrasound Visibility. Journal of Vascular and Interventional Radiology, 2012, 23, 627-634.	0.2	73
6	Chemotherapy induced liver abnormalities: an imaging perspective. Clinical and Molecular Hepatology, 2014, 20, 317.	4.5	70
7	Altered Doppler flow patterns in cirrhosis patients: an overview. Ultrasonography, 2016, 35, 3-12.	1.0	70
8	Pulmonary Tuberculosis in Infants: Radiographic and CT Findings. American Journal of Roentgenology, 2006, 187, 1024-1033.	1.0	63
9	Practical efficacy of sorafenib monotherapy for advanced hepatocellular carcinoma patients in a Hepatitis B virus-endemic area. Journal of Cancer Research and Clinical Oncology, 2009, 135, 617-625.	1.2	57
10	State-of-the-art preoperative staging of gastric cancer by MDCT and magnetic resonance imaging. World Journal of Gastroenterology, 2014, 20, 4546.	1.4	56
11	Diffusion–weighted imaging: Apparent diffusion coefficient histogram analysis for detecting pathologic complete response to chemoradiotherapy in locally advanced rectal cancer. Journal of Magnetic Resonance Imaging, 2016, 44, 212-220.	1.9	54
12	18F-Fluorodeoxyglucose PET/CT predicts tumour progression after transarterial chemoembolization in hepatocellular carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 865-873.	3.3	49
13	Radiologic-Pathologic Correlation of Hepatobiliary Phase Hypointense Nodules without Arterial Phase Hyperenhancement at Gadoxetic Acid–enhanced MRI: A Multicenter Study. Radiology, 2020, 296, 335-345.	3.6	42
14	Prediction of Posthepatectomy Liver Failure: MRI With Hepatocyte-Specific Contrast Agent Versus Indocyanine Green Clearance Test. American Journal of Roentgenology, 2018, 211, 580-587.	1.0	39
15	Does Postembolization Fever after Chemoembolization Have Prognostic Significance for Survival in Patients with Unresectable Hepatocellular Carcinoma?. Journal of Vascular and Interventional Radiology, 2009, 20, 209-216.	0.2	36
16	Contrast-Enhanced CT for Differentiation of Ovarian Metastasis from Gastrointestinal Tract Cancer: Stomach Cancer Versus Colon Cancer. American Journal of Roentgenology, 2006, 187, 741-745.	1.0	34
17	The Diagnostic Performance of Liver MRI without Intravenous Contrast for Detecting Hepatocellular Carcinoma: A Case-Controlled Feasibility Study. Korean Journal of Radiology, 2018, 19, 568.	1.5	33
18	Comparison of diagnostic performance of non-contrast MRI and abbreviated MRI using gadoxetic acid in initially diagnosed hepatocellular carcinoma patients: a simulation study of surveillance for hepatocellular carcinomas. European Radiology, 2020, 30, 4150-4163.	2.3	32

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19	MRI of pancreatic ductal adenocarcinoma: texture analysis of T2-weighted images for predicting long-term outcome. Abdominal Radiology, 2019, 44, 122-130.	1.0	31
20	Comparison of biannual ultrasonography and annual non-contrast liver magnetic resonance imaging as surveillance tools for hepatocellular carcinoma in patients with liver cirrhosis (MAGNUS-HCC): a study protocol. BMC Cancer, 2017, 17, 877.	1.1	30
21	Survival of patients with advanced hepatocellular carcinoma: Sorafenib versus other treatments. Journal of Gastroenterology and Hepatology (Australia), 2011, 26, 1612-1618.	1.4	28
22	Radiofrequency Thermal Ablation in Canine Femur: Evaluation of Coagulation Necrosis Reproducibility and MRI-Histopathologic Correlation. American Journal of Roentgenology, 2005, 185, 661-667.	1.0	27
23	MRI of Small Hepatocellular Carcinoma: Typical Features Are Less Frequent Below a Size Cutoff of 1.5 cm. American Journal of Roentgenology, 2017, 208, 544-551.	1.0	24
24	CT Findings of Clear Cell Carcinoma of the Ovary. Journal of Computer Assisted Tomography, 2006, 30, 875-879.	0.5	22
25	Magnetic resonance imaging findings of undifferentiated carcinoma with osteoclast-like giant cells of pancreas. Clinical Imaging, 2016, 40, 148-151.	0.8	17
26	Comparison of RECIST, mRECIST, and Choi Criteria for Early Response Evaluation of Hepatocellular Carcinoma After Transarterial Chemoembolization Using Drug-Eluting Beads. Journal of Computer Assisted Tomography, 2014, 38, 391-397.	0.5	16
27	Principles for evaluating the clinical implementation of novel digital healthcare devices. Journal of the Korean Medical Association, 2018, 61, 765.	0.1	16
28	Injuries of Adjacent Organs by the Expanded Polytetrafluoroethylene Grafts in the Venoplasty of Middle Hepatic Veins in Living-Donor Liver Transplantation. Journal of Computer Assisted Tomography, 2011, 35, 544-548.	0.5	15
29	Current status of image-based surveillance in hepatocellular carcinoma. Ultrasonography, 2021, 40, 45-56.	1.0	15
30	Meta-Analysis of the Accuracy of Abbreviated Magnetic Resonance Imaging for Hepatocellular Carcinoma Surveillance: Non-Contrast versus Hepatobiliary Phase-Abbreviated Magnetic Resonance Imaging. Cancers, 2021, 13, 2975.	1.7	15
31	Pancreatic hardness: Correlation of surgeon's palpation, durometer measurement and preoperative magnetic resonance imaging features. World Journal of Gastroenterology, 2017, 23, 2044.	1.4	15
32	Reproducibility of mRECIST in Measurement and Response Assessment for Hepatocellular Carcinoma Treated by Transarterial Chemoembolization. Academic Radiology, 2018, 25, 1363-1373.	1.3	14
33	Validation of intimate correlation between visceral fat and hepatic steatosis: Quantitative measurement techniques using CT for area of fat and MR for hepatic steatosis. Clinical Nutrition, 2018, 37, 214-222.	2.3	13
34	Computed tomography findings of sorafenib-treated hepatic tumors in patients with advanced hepatocellular carcinoma. Journal of Gastroenterology and Hepatology (Australia), 2011, 26, 1201-1206.	1.4	12
35	The Liver Imaging Reporting and Data System tumor-in-vein category: a systematic review and meta-analysis. European Radiology, 2021, 31, 2497-2506.	2.3	12
36	Magnetic resonance imaging following treatment of advanced hepatocellular carcinoma with sorafenib. Clinical and Molecular Hepatology, 2014, 20, 218.	4.5	12

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37	Establishing Cutoff Values for a Quality Assurance Test Using an Ultrasound Phantom in Screening Ultrasound Examinations for Hepatocellular Carcinoma. Journal of Ultrasound in Medicine, 2011, 30, 1221-1229.	0.8	11
38	Diffusion-weighted imaging in hemorrhagic abdominal and pelvic lesions: restricted diffusion can mimic malignancy. Abdominal Radiology, 2018, 43, 1772-1784.	1.0	11
39	Diagnostic performance of Liver Imaging Reporting and Data System treatment response algorithm: a systematic review and meta-analysis. European Radiology, 2021, 31, 4785-4793.	2.3	11
40	Computed Tomographic-Guided Radiofrequency Ablation of Recurrent or Residual Hepatocellular Carcinomas around Retained Iodized Oil after Transarterial Chemoembolization. Korean Journal of Radiology, 2013, 14, 733.	1.5	10
41	Diffusion-Weighted Magnetic Resonance Imaging in Hepatocellular Carcinoma as a Predictor of a Response to Cisplatin-Based Hepatic Arterial Infusion Chemotherapy. Frontiers in Oncology, 2020, 10, 600233.	1.3	10
42	Immunoglobulin G4â€"related Disease of the Genitourinary System: Spectrum of Imaging Findings and Clinical-Pathologic Features. Radiographics, 2020, 40, 1265-1283.	1.4	9
43	Differentiating Focal Eosinophilic Necrosis of the Liver From Hepatic Metastases Using Unenhanced and Portal Venous Phase Computed Tomographic Imagings. Journal of Computer Assisted Tomography, 2009, 33, 705-709.	0.5	8
44	Quality Assurance in Ultrasound Screening for Hepatocellular Carcinoma Using a Standardized Phantom and Standard Clinical Images. Journal of Ultrasound in Medicine, 2014, 33, 985-995.	0.8	8
45	Radiation Doses of Various CT Protocols: a Multicenter Longitudinal Observation Study. Journal of Korean Medical Science, 2016, 31, S24.	1.1	8
46	Intra- and interobserver reliability of gray scale/dynamic range evaluation of ultrasonography using a standardized phantom. Ultrasonography, 2014, 33, 91-97.	1.0	8
47	Isolated pancreatic metastasis of hepatocellular carcinoma after curative resection. World Journal of Gastrointestinal Oncology, 2010, 2, 209.	0.8	8
48	Identification of intratumoral fluidâ€"containing area by magnetic resonance imaging to predict prognosis in patients with pancreatic ductal adenocarcinoma after curative resection. European Radiology, 2022, 32, 2518-2528.	2.3	8
49	Comparison of FDG PET/CT and Bone Marrow Biopsy Results in Patients with Diffuse Large B Cell Lymphoma with Subgroup Analysis of PET Radiomics. Diagnostics, 2022, 12, 222.	1.3	8
50	Usefulness of Arterial Subtraction in Applying Liver Imaging Reporting and Data System (LI-RADS) Treatment Response Algorithm to Gadoxetic Acid-Enhanced MRI. Korean Journal of Radiology, 2021, 22, 1289.	1.5	6
51	Inadequate Ultrasound Examination in Hepatocellular Carcinoma Surveillance: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 3535.	1.0	6
52	Magnetic Resonance Imaging for Surveillance of Hepatocellular Carcinoma: A Systematic Review and Meta-Analysis. Diagnostics, 2021, 11, 1665.	1.3	6
53	Per-Feature Accuracy of Liver Imaging Reporting and Data System Locoregional Treatment Response Algorithm: A Systematic Review and Meta-Analysis. Cancers, 2021, 13, 4432.	1.7	6
54	Area of paradoxical signal drop after the administration of superparamagnetic iron oxide on the T2-weighted image of a patient with lymphangitic metastasis of the liver. Magnetic Resonance Imaging, 2008, 26, 577-582.	1.0	5

#	ARTICLE	IF	CITATIONS
55	Comparison of accuracy and time-efficiency of CT colonography between conventional and panoramic 3D interpretation methods: An anthropomorphic phantom study. European Journal of Radiology, 2011, 80, e68-e75.	1.2	5
56	Atypical Magnetic Resonance Imaging Findings in Hepatocellular Carcinoma. Current Problems in Diagnostic Radiology, 2015, 44, 237-245.	0.6	5
57	Quality Management of Ultrasound Surveillance for Hepatocellular Carcinoma Under the Korean National Cancer Screening Program. Journal of Ultrasound in Medicine, 2018, 37, 245-254.	0.8	5
58	Surveillance failure in ultrasound for hepatocellular carcinoma: a systematic review and meta-analysis. Gut, 2022, 71, 212-213.	6.1	5
59	Diagnostic Performance of KLCA-NCC 2018 Criteria for Hepatocellular Carcinoma Using Magnetic Resonance Imaging: A Systematic Review and Meta-Analysis. Diagnostics, 2021, 11, 1763.	1.3	5
60	Inter-reader agreement of abbreviated magnetic resonance imaging for hepatocellular carcinoma detection: a systematic review and meta-analysis. Abdominal Radiology, 2022, 47, 123-132.	1.0	4
61	Acute <scp>Budd–Chiari</scp> syndrome with thrombotic thrombocytopenia after <scp>BNT162b2 mRNA</scp> vaccination. Liver International, 2022, 42, 1447-1448.	1.9	4
62	Optimization of beam-flow angles for Doppler ultrasound flow velocity measurements using slanted gel pads. SpringerPlus, 2016, 5, 328.	1.2	3
63	Unenhanced computed tomography for non-invasive diagnosis of hepatic steatosis with low tube potential protocol. Quantitative Imaging in Medicine and Surgery, 2022, 12, 1348-1358.	1.1	3
64	Teleradiology of Korea in 2017: Survey and Interview of Training Hospitals and Teleradiology Center. Journal of the Korean Society of Radiology, 2019, 80, 490.	0.1	3
65	Prospects on the increase of radiological examinations in Korea. Journal of the Korean Medical Association, 2020, 63, 136.	0.1	3
66	Diagnostic value of early-phase-enhanced computed tomography for the differentiation of pulmonary metastases from hepatocellular carcinoma and primary lung cancer. Acta Radiologica, 2009, 50, 1005-1010.	0.5	2
67	Giant Choledochal Cyst Mimicking Massive Gallbladder Hydrops in an Adult Patient: Multi Detector Computed Tomography and Magnetic Resonance Imaging Findings Correlated to Gross and Histopathological Findings. Journal of Clinical Imaging Science, 2013, 3, 45.	0.4	2
68	Combining hepatic surface nodularity and serum tests better predicts hepatic fibrosis stages in chronic liver disease. Abdominal Radiology, 2021, 46, 4189-4199.	1.0	2
69	Effectiveness of on-site education for quality assurance of screening ultrasonography for hepatocellular carcinoma. Medical Ultrasonography, 2016, 18, 275.	0.4	2
70	Acute Adverse Reactions to Gadolinium-based Intravenous Contrast Agents for MRI : Retrospective Analysis Using Computed Reporting System. Journal of the Korean Society of Magnetic Resonance in Medicine, 2011, 15, 139.	0.1	2
71	LI-RADS Treatment Response versus Modified RECIST for Diagnosing Viable Hepatocellular Carcinoma after Locoregional Therapy: A Systematic Review and Meta-Analysis of Comparative Studies. Journal of the Korean Society of Radiology, 2022, 83, 331.	0.1	2
72	Liver Imaging-Reporting and Data System treatment response algorithm predicts postsurgical recurrence in locoregional therapy–treated hepatocellular carcinoma. European Radiology, 2022, 32, 6270-6280.	2.3	2

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73	Noncontrast chest computed tomography immediately after transarterial chemoembolization in patients with hepatocellular carcinoma: Clinical benefits and effect of radiation reduction on image quality in low-dose scanning. European Journal of Radiology, 2011, 80, e188-e194.	1.2	1
74	Future of quality management of medical imaging. Journal of the Korean Medical Association, 2015, 58, 1132.	0.1	1
75	Manual versus automated image fusion of real-time ultrasonography and MR/CT images for radiofrequency ablation of hepatic tumors: results of a randomized prospective trial (NCT02705118). Ultrasonography, 2021, 40, 237-247.	1.0	1
76	Health insurance coverage for artificial intelligenceâ€"based medical technologies: focus on radiology. Journal of the Korean Medical Association, 2021, 64, 648-653.	0.1	1
77	National Health Insurance System of Korea: Resource-Based Relative Value Scale and a New Healthcare Policy. Journal of the Korean Society of Radiology, 2020, 81, 1024.	0.1	1
78	Reply to â€œMethodologic Issues in Prediction of Posthepatectomy Liver Failureâ€. American Journal of Roentgenology, 2019, 212, W110-W110.	1.0	0
79	Metastatic Melanoma to the Pancreas Forming Portal Vein Tumor Thrombosis: A Case Report. Iranian Journal of Radiology, 2016, Inpress, .	0.1	0
80	Windows Setting for Low kVp Abdominal CT: Comparison to 120-kVp CT Images. Journal of the Korean Society of Radiology, 2017, 77, 211.	0.1	0