

# Jae-Hun Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

2,440  
citations

279487

23  
h-index

214527

47  
g-index

70  
all docs

70  
docs citations

70  
times ranked

4455  
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining functional SMA and pre-SMA subregions in human MFC using resting state fMRI: Functional connectivity-based parcellation method. <i>NeuroImage</i> , 2010, 49, 2375-2386.	2.1	252
2	Persistent Pure Ground-Glass Opacity Lung Nodules ≥ 10 mm in Diameter at CT Scan. <i>Chest</i> , 2013, 144, 1291-1299.	0.4	225
3	Breast Cancer Heterogeneity: MR Imaging Texture Analysis and Survival Outcomes. <i>Radiology</i> , 2017, 282, 665-675.	3.6	185
4	Quantitative CT Analysis of Pulmonary Ground-Glass Opacity Nodules for the Distinction of Invasive Adenocarcinoma from Pre-Invasive or Minimally Invasive Adenocarcinoma. <i>PLoS ONE</i> , 2014, 9, e104066.	1.1	131
5	Functional connectivity in fronto-subcortical circuitry during the resting state in obsessive-compulsive disorder. <i>Neuroscience Letters</i> , 2010, 474, 158-162.	1.0	104
6	Decoding Tumor Phenotypes for ALK, ROS1, and RET Fusions in Lung Adenocarcinoma Using a Radiomics Approach. <i>Medicine (United States)</i> , 2015, 94, e1753.	0.4	102
7	Quantitative CT analysis of pulmonary ground-glass opacity nodules for distinguishing invasive adenocarcinoma from non-invasive or minimally invasive adenocarcinoma: the added value of using iodine mapping. <i>European Radiology</i> , 2016, 26, 43-54.	2.3	102
8	Neural correlates of altered response inhibition and dysfunctional connectivity at rest in obsessive-compulsive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 40, 340-346.	2.5	82
9	Spatial accuracy of fMRI activation influenced by volume- and surface-based spatial smoothing techniques. <i>NeuroImage</i> , 2007, 34, 550-564.	2.1	80
10	Quantitative CT Scanning Analysis of Pure Ground-Glass Opacity Nodules Predicts Further CT Scanning Change. <i>Chest</i> , 2016, 149, 180-191.	0.4	75
11	Imaging-Based Tumor Treatment Response Evaluation: Review of Conventional, New, and Emerging Concepts. <i>Korean Journal of Radiology</i> , 2012, 13, 371.	1.5	72
12	Volumetric MR-guided High-Intensity Focused Ultrasound Ablation with a One-Layer Strategy to Treat Large Uterine Fibroids: Initial Clinical Outcomes. <i>Radiology</i> , 2012, 263, 600-609.	3.6	68
13	Dynamic Contrast-Enhanced Magnetic Resonance Imaging Predicts Immediate Therapeutic Response of Magnetic Resonance-Guided High-Intensity Focused Ultrasound Ablation of Symptomatic Uterine Fibroids. <i>Investigative Radiology</i> , 2011, 46, 639-647.	3.5	59
14	Effects of long-term treatment on brain volume in patients with obstructive sleep apnea syndrome. <i>Human Brain Mapping</i> , 2016, 37, 395-409.	1.9	54
15	Dynamic contrast-enhanced 3-T MR imaging in cervical cancer before and after concurrent chemoradiotherapy. <i>European Radiology</i> , 2012, 22, 2533-2539.	2.3	53
16	Solitary Pulmonary Nodular Lung Adenocarcinoma: Correlation of Histopathologic Scoring and Patient Survival with Imaging Biomarkers. <i>Radiology</i> , 2012, 264, 884-893.	3.6	50
17	Quantitative CT Variables Enabling Response Prediction in Neoadjuvant Therapy with EGFR-TKIs: Are They Different from Those in Neoadjuvant Concurrent Chemoradiotherapy?. <i>PLoS ONE</i> , 2014, 9, e88598.	1.1	47
18	Prognostic significance of sarcopenia in microsatellite-stable gastric cancer patients treated with programmed death-1 inhibitors. <i>Gastric Cancer</i> , 2021, 24, 457-466.	2.7	34

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19	Assessment of Invasive Breast Cancer Heterogeneity Using Whole-Tumor Magnetic Resonance Imaging Texture Analysis. <i>Medicine (United States)</i> , 2016, 95, e2453.	0.4	33
20	Impaired insula functional connectivity associated with persistent pain perception in patients with complex regional pain syndrome. <i>PLoS ONE</i> , 2017, 12, e0180479.	1.1	32
21	Artificial shifting of fMRI activation localized by volume- and surface-based analyses. <i>NeuroImage</i> , 2008, 40, 1077-1089.	2.1	31
22	White matter alterations in narcolepsy patients with cataplexy: tract-based spatial statistics. <i>Journal of Sleep Research</i> , 2016, 25, 181-189.	1.7	30
23	MRI Monitoring of Tumor-Selective Anticancer Drug Delivery with Stable Thermosensitive Liposomes Triggered by High-Intensity Focused Ultrasound. <i>Molecular Pharmaceutics</i> , 2016, 13, 1528-1539.	2.3	29
24	The effects of sarcopenia and sarcopenic obesity after pancreaticoduodenectomy in patients with pancreatic head cancer. <i>Hpb</i> , 2020, 22, 1782-1792.	0.1	27
25	Altered Regional Cerebral Blood Flow Associated with Mood and Sleep in Shift Workers: Cerebral		

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37	Differentiation of mass-forming focal pancreatitis from pancreatic ductal adenocarcinoma: value of characterizing dynamic enhancement patterns on contrast-enhanced MR images by adding signal intensity color mapping. <i>European Radiology</i> , 2017, 27, 1722-1732.	2.3	16
38	Obesity is associated with improved postoperative overall survival, independent of skeletal muscle mass in lung adenocarcinoma. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1076-1086.	2.9	16
39	Evaluation of Antiangiogenic Effects of a New Synthetic Candidate Drug KR-31831 on Xenografted Ovarian Carcinoma Using Dynamic Contrast Enhanced MRI. <i>Korean Journal of Radiology</i> , 2011, 12, 602.	1.5	12
40	Prognostic Significance for Long-Term Outcomes Following Radical Prostatectomy in Men with Prostate Cancer: Evaluation with Prostate Imaging Reporting and Data System Version 2. <i>Korean Journal of Radiology</i> , 2019, 20, 256.	1.5	12
41	3D multi-scale residual fully convolutional neural network for segmentation of extremely large-sized kidney tumor. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 215, 106616.	2.6	12
42	Improvement of orthotopic lung cancer mouse model via thoracotomy and orotracheal intubation enabling in vivo imaging studies. <i>Laboratory Animals</i> , 2014, 48, 124-131.	0.5	11
43	Utility of diffusion-weighted imaging in association with pathologic upgrading in biopsy-proven grade I endometrial cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 117-123.	1.9	10
44	Serial Observations of Muscle and Fat Mass as Prognostic Factors for Deceased Donor Liver Transplantation. <i>Korean Journal of Radiology</i> , 2021, 22, 189.	1.5	10
45	Surface-based functional magnetic resonance imaging analysis of partial brain echo planar imaging data at 1.5 T. <i>Magnetic Resonance Imaging</i> , 2009, 27, 691-700.	1.0	9
46	Defining the optimal target for anterior thalamic deep brain stimulation in patients with drug-refractory epilepsy. <i>Journal of Neurosurgery</i> , 2021, 134, 1054-1063.	0.9	9
47	Functional Reorganization Associated with Semantic Language Processing in Temporal Lobe Epilepsy Patients after Anterior Temporal Lobectomy : A Longitudinal Functional Magnetic Resonance Image Study. <i>Journal of Korean Neurosurgical Society</i> , 2010, 47, 17.	0.5	9
48	Prognostic Impact of Sarcopenia in Patients with Metastatic Hormone-Sensitive Prostate Cancer. <i>Cancers</i> , 2021, 13, 6345.	1.7	9
49	Size Discrepancy Between Sonographic and Computed Tomographic/Magnetic Resonance Imaging Measurement of Hepatocellular Carcinoma. <i>Journal of Ultrasound in Medicine</i> , 2013, 32, 1703-1709.	0.8	8
50	Magnetic resonance imaging for monitoring therapeutic response in a transgenic mouse model of Alzheimer's disease using voxel-based analysis of amyloid plaques. <i>NeuroReport</i> , 2014, 25, 211-218.	0.6	8
51	Neuroimaging Markers for Studying Gulf-War Illness: Single-Subject Level Analytical Method Based on Machine Learning. <i>Brain Sciences</i> , 2020, 10, 884.	1.1	7
52	Brain signatures based on structural MRI: Classification for MCI, PMCI, and AD. <i>Human Brain Mapping</i> , 2022, 43, 2845-2860.	1.9	7
53	Correlation of quantitative dynamic contrast-enhanced MRI with microvascular density in necrotic, partial necrotic, and viable liver tumors in a rabbit model. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 418-427.	0.8	6
54	Hollow manganese oxide nanoparticle-enhanced MRI of hypoxic-ischaemic brain injury in the neonatal rat. <i>British Journal of Radiology</i> , 2016, 89, 20150806.	1.0	6

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55	PI-RADS version 2: evaluation of diffusion-weighted imaging interpretation between $b = 1000$ and $b = 1500$ s mm <sup>2</sup> . British Journal of Radiology, 2017, 90, 20170438.	1.0	6
56	Texture analysis using T1-weighted images for muscles in Charcot-Marie-Tooth disease patients and volunteers. European Radiology, 2021, 31, 3508-3517.	2.3	6
57	Prediction of epithelial-to-mesenchymal transition molecular subtype using CT in gastric cancer. European Radiology, 2022, 32, 1-11.	2.3	6
58	EEG-Based Functional Connectivity Representation using Phase Locking Value for Brain Network Based Applications. , 2020, 2020, 2853-2856.		5
59	Dynamic contrast-enhanced MRI for response evaluation of non-small cell lung cancer in therapy with epidermal growth factor receptor tyrosine kinase inhibitors: a pilot study. Annals of Palliative Medicine, 2021, 10, 1589-1598.	0.5	5
60	Semiautomatic Determination of Arterial Input Functions for Quantitative Dynamic Contrast-Enhanced Magnetic Resonance Imaging in Non-Small Cell Lung Cancer Patients. Investigative Radiology, 2015, 50, 129-134.	3.5	4
61	Prebiopsy Multiparametric MRI With Cancer-Negative Findings in Men With Suspected Prostate Cancer: Evaluation Using Prostate Imaging Reporting and Data System Version 2. American Journal of Roentgenology, 2018, 211, 121-126.	1.0	4
62	Recognition of Event-associated Brain Functional Networks in EEG for Brain Network Based Applications. , 2020, , .		4
63	CAI-UNet for segmentation of liver lesion in CT image. , 2020, , .		4
64	Direct Rating Estimation of Enlarged Perivascular Spaces (EPVS) in Brain MRI Using Deep Neural Network. Applied Sciences (Switzerland), 2021, 11, 9398.	1.3	4
65	Impact of Skeletal Muscle Loss and Visceral Obesity Measured Using Serial CT on the Prognosis of Operable Breast Cancers in Asian Patients. Korean Journal of Radiology, 2022, 23, 159.	1.5	4
66	Dynamic Contrast-Enhanced MRI for Assessing Therapeutic Response of Choroidal Neovascularization in a Rat Model. , 2012, 53, 7693.		3
67	Characterization of brivanib therapy response in hepatocellular carcinoma xenografts using 1H HR-MAS spectroscopy and histopathology. Molecular Medicine Reports, 2013, 8, 1425-1431.	1.1	3
68	Effective arrangement of separated transmit-only/receive-only RF coil for improvement of B1 homogeneity at 7 Tesla. Journal of the Korean Physical Society, 2014, 65, 616-624.	0.3	3
69	The role of histogram analysis of grayscale sonograms to differentiate thyroid nodules identified by 18F-FDG PET-CT. Medicine (United States), 2020, 99, e23252.	0.4	1
70	Mechanical Surface Area of Prosthetic Heart Valve: Adverse Clinical Impact of Large Mechanical Valve in Mitral Position. ASAIO Journal, 2018, 64, 779-784.	0.9	0