Jae-Hun Kim

List of Publications by Year
in descending order

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70 papers	2,440 citations	279798 23 h-index	214800 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. NeuroImage, 2010, 49, 2375-2386.	4.2	252
2	Persistent Pure Ground-Glass Opacity Lung Nodules â‰¥ 10 mm in Diameter at CT Scan. Chest, 2013, 144, 1291-1299.	0.8	225
3	Breast Cancer Heterogeneity: MR Imaging Texture Analysis and Survival Outcomes. Radiology, 2017, 282, 665-675.	7.3	185
4	Quantitative CT Analysis of Pulmonary Ground-Glass Opacity Nodules for the Distinction of Invasive Adenocarcinoma from Pre-Invasive or Minimally Invasive Adenocarcinoma. PLoS ONE, 2014, 9, e104066.	2.5	131
5	Functional connectivity in fronto-subcortical circuitry during the resting state in obsessive-compulsive disorder. Neuroscience Letters, 2010, 474, 158-162.	2.1	104
6	Decoding Tumor Phenotypes for ALK, ROS1, and RET Fusions in Lung Adenocarcinoma Using a Radiomics Approach. Medicine (United States), 2015, 94, e1753.	1.0	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. European Radiology, 2016, 26, 43-54.	4.5	102
8	Neural correlates of altered response inhibition and dysfunctional connectivity at rest in obsessiveâ€“compulsive disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 40, 340-346.	4.8	82
9	Spatial accuracy of fMRI activation influenced by volume- and surface-based spatial smoothing techniques. NeuroImage, 2007, 34, 550-564.	4.2	80
10	Quantitative CT Scanning Analysis of Pure Ground-Glass Opacity Nodules Predicts Further CT Scanning Change. Chest, 2016, 149, 180-191.	0.8	75
11	Imaging-Based Tumor Treatment Response Evaluation: Review of Conventional, New, and Emerging Concepts. Korean Journal of Radiology, 2012, 13, 371.	3.4	72
12	Volumetric MR-guided High-Intensity Focused Ultrasound Ablation with a One-Layer Strategy to Treat Large Uterine Fibroids: Initial Clinical Outcomes. Radiology, 2012, 263, 600-609.	7.3	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. Investigative Radiology, 2011, 46, 639-647.	6.2	59
14	Effects of long-term treatment on brain volume in patients with obstructive sleep apnea syndrome. Human Brain Mapping, 2016, 37, 395-409.	3.6	54
15	Dynamic contrast-enhanced 3-T MR imaging in cervical cancer before and after concurrent chemoradiotherapy. European Radiology, 2012, 22, 2533-2539.	4.5	53
16	Solitary Pulmonary Nodular Lung Adenocarcinoma: Correlation of Histopathologic Scoring and Patient Survival with Imaging Biomarkers. Radiology, 2012, 264, 884-893.	7.3	50
17	Quantitative CT Variables Enabling Response Prediction in Neoadjuvant Therapy with EGFR-TKIs: Are They Different from Those in Neoadjuvant Concurrent Chemoradiotherapy?. PLoS ONE, 2014, 9, e88598.	2.5	47
18	Prognostic significance of sarcopenia in microsatellite-stable gastric cancer patients treated with programmed death-1 inhibitors. Gastric Cancer, 2021, 24, 457-466.	5.3	34

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19	Assessment of Invasive Breast Cancer Heterogeneity Using Whole-Tumor Magnetic Resonance Imaging Texture Analysis. Medicine (United States), 2016, 95, e2453.	1.0	33
20	Impaired insula functional connectivity associated with persistent pain perception in patients with complex regional pain syndrome. PLoS ONE, 2017, 12, e0180479.	2.5	32
21	Artificial shifting of fMRI activation localized by volume- and surface-based analyses. NeuroImage, 2008, 40, 1077-1089.	4.2	31
22	White matter alterations in narcolepsy patients with cataplexy: tractâ€based spatial statistics. Journal of Sleep Research, 2016, 25, 181-189.	3.2	30
23	MRI Monitoring of Tumor-Selective Anticancer Drug Delivery with Stable Thermosensitive Liposomes Triggered by High-Intensity Focused Ultrasound. Molecular Pharmaceutics, 2016, 13, 1528-1539.	4.6	29
24	The effects of sarcopenia and sarcopenic obesity after pancreaticoduodenectomy in patients with pancreatic head cancer. Hpb, 2020, 22, 1782-1792.	0.3	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. European Radiology, 2017, 27, 1722-1732.	4.5	16
38	Obesity is associated with improved postoperative overall survival, independent of skeletal muscle mass in lung adenocarcinoma. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1076-1086.	7.3	16
39	Evaluation of Antiangiogenic Effects of a New Synthetic Candidate Drug KR-31831 on Xenografted Ovarian Carcinoma Using Dynamic Contrast Enhanced MRI. Korean Journal of Radiology, 2011, 12, 602.	3.4	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. Korean Journal of Radiology, 2019, 20, 256.	3.4	12
41	3D multi-scale residual fully convolutional neural network for segmentation of extremely large-sized kidney tumor. Computer Methods and Programs in Biomedicine, 2022, 215, 106616.	4.7	12
42	Improvement of orthotopic lung cancer mouse model via thoracotomy and orotracheal intubation enabling inÂvivo imaging studies. Laboratory Animals, 2014, 48, 124-131.	1.0	11
43	Utility of diffusionâ€weighted imaging in association with pathologic upgrading in biopsyâ€proven grade I endometrial cancer. Journal of Magnetic Resonance Imaging, 2020, 51, 117-123.	3.4	10
44	Serial Observations of Muscle and Fat Mass as Prognostic Factors for Deceased Donor Liver Transplantation. Korean Journal of Radiology, 2021, 22, 189.	3.4	10
45	Surface-based functional magnetic resonance imaging analysis of partial brain echo planar imaging data at 1.5 T. Magnetic Resonance Imaging, 2009, 27, 691-700.	1.8	9
46	Defining the optimal target for anterior thalamic deep brain stimulation in patients with drug-refractory epilepsy. Journal of Neurosurgery, 2021, 134, 1054-1063.	1.6	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. Journal of Korean Neurosurgical Society, 2010, 47, 17.	1.2	9
48	Prognostic Impact of Sarcopenia in Patients with Metastatic Hormone-Sensitive Prostate Cancer. Cancers, 2021, 13, 6345.	3.7	9
49	Size Discrepancy Between Sonographic and Computed Tomographic/Magnetic Resonance Imaging Measurement of Hepatocellular Carcinoma. Journal of Ultrasound in Medicine, 2013, 32, 1703-1709.	1.7	8
50	Magnetic resonance imaging for monitoring therapeutic response in a transgenic mouse model of Alzheimerâ€™s disease using voxel-based analysis of amyloid plaques. NeuroReport, 2014, 25, 211-218.	1.2	8
51	Neuroimaging Markers for Studying Gulf-War Illness: Single-Subject Level Analytical Method Based on Machine Learning. Brain Sciences, 2020, 10, 884.	2.3	7
52	Brain signatures based on structural <scp>MRI</scp>: Classification for <scp>MCI</scp>, <scp>PMCI</scp>, and <scp>AD</scp>. Human Brain Mapping, 2022, 43, 2845-2860.	3.6	7
53	Correlation of quantitative dynamic contrastâ€enhanced MRI with microvascular density in necrotic, partial necrotic, and viable liver tumors in a rabbit model. Journal of Applied Clinical Medical Physics, 2016, 17, 418-427.	1.9	6
54	Hollow manganese oxide nanoparticle-enhanced MRI of hypoxic-ischaemic brain injury in the neonatal rat. British Journal of Radiology, 2016, 89, 20150806.	2.2	6

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55	PI-RADS version 2: evaluation of diffusion-weighted imaging interpretation between b = 1000 and b = 1500 s mm^{â€“}². British Journal of Radiology, 2017, 90, 20170438.	2.2	6
56	Texture analysis using T1-weighted images for muscles in Charcot-Marie-Tooth disease patients and volunteers. European Radiology, 2021, 31, 3508-3517.	4.5	6
57	Prediction of epithelial-to-mesenchymal transition molecular subtype using CT in gastric cancer. European Radiology, 2022, 32, 1-11.	4.5	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.	1.2	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.	6.2	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.	2.2	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.	2.5	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.	3.4	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.	2.4	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.	0.7	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.	1.0	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.	1.6	0