Jaehyung Cha

List of Publications by Year
in descending order

31 papers	446 citations	687363 13 h-index	752698 20 g-index
31 all docs	31 docs citations	31 times ranked	575 citing authors

#	Article	IF	Citations
1	Radiomic machine learning for predicting prognostic biomarkers and molecular subtypes of breast cancer using tumor heterogeneity and angiogenesis properties on MRI. European Radiology, 2022, 32, 650-660.	4.5	56
2	Differentiating pulmonary metastasis from benign lung nodules in thyroid cancer patients using dual-energy CT parameters. European Radiology, 2022, 32, 1902-1911.	4.5	10
3	Semi-Quantitative Scoring of Late Gadolinium Enhancement of the Left Ventricle in Patients with Ischemic Cardiomyopathy: Improving Interobserver Reliability and Agreement Using Consensus Guidance from the Asian Society of Cardiovascular Imaging-Practical Tutorial (ASCI-PT) 2020. Korean Journal of Radiology, 2022, 23, 298.	3.4	2
4	Accuracy of two deep learning–based reconstruction methods compared with an adaptive statistical iterative reconstruction method for solid and ground-glass nodule volumetry on low-dose and ultra–low-dose chest computed tomography: A phantom study. PLoS ONE, 2022, 17, e0270122.	2.5	4
5	Nitrates administered by spray versus tablet: comparison of coronary vasodilation on CT angiography. European Radiology, 2021, 31, 515-524.	4.5	3
6	Suspecting Intussusception and Recurrence Risk Stratification Using Clinical Data and Plain Abdominal Radiographs. Pediatric Gastroenterology, Hepatology and Nutrition, 2021, 24, 135.	1.2	0
7	Predictive Role of Lung Injury Prediction Score in the Development of Acute Respiratory Distress Syndrome in Korea. Yonsei Medical Journal, 2021, 62, 417.	2.2	4
8	Microvascular Doppler ultrasound in children with acute pyelonephritis. Medical Ultrasonography, 2021, 23, 161-167.	0.8	3
9	Evaluation of polyhexamethylene guanidine-induced lung injuries by chest CT, pathologic examination, and RNA sequencing in a rat model. Scientific Reports, 2021, 11, 6318.	3.3	11
10	Kinematics after cervical laminoplasty: risk factors for cervical kyphotic deformity after laminoplasty. Spine Journal, 2021, 21, 1822-1829.	1.3	24
11	Prediction of Inflammatory Breast Cancer Survival Outcomes Using Computed Tomography-Based Texture Analysis. Frontiers in Bioengineering and Biotechnology, 2021, 9, 695305.	4.1	3
12	Evaluation of the long-term effect of polyhexamethylene guanidine phosphate in a rat lung model using conventional chest computed tomography with histopathologic analysis. PLoS ONE, 2021, 16, e0256756.	2.5	8
13	Diagnostic performance of the modified Korean Thyroid Imaging Reporting and Data System for thyroid malignancy according to nodule size: a comparison with five society guidelines. Ultrasonography, 2021, 40, 474-485.	2.3	24
14	Machine Learning Models That Integrate Tumor Texture and Perfusion Characteristics Using Low-Dose Breast Computed Tomography Are Promising for Predicting Histological Biomarkers and Treatment Failure in Breast Cancer Patients. Cancers, 2021, 13, 6013.	3.7	11
15	Evaluation of the effect of filtered ultrafine particulate matter on bleomycin-induced lung fibrosis in a rat model using computed tomography, histopathologic analysis, and RNA sequencing. Scientific Reports, 2021, 11, 22672.	3.3	5
16	Left ventricular wall motion abnormality is associated with cryptogenic stroke. International Journal of Stroke, 2020, 15, 188-196.	5.9	7
17	Effects of sirolimus in lymphangioleiomyomatosis patients on lung cysts and pulmonary function: long-term follow-up observational study. European Radiology, 2020, 30, 735-743.	4.5	3
18	Feasibility of computed tomography texture analysis of hepatic fibrosis using dual-energy spectral detector computed tomography. Japanese Journal of Radiology, 2020, 38, 1179-1189.	2.4	6

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19	Comparisons among vestibular examinations and symptoms of vertigo in sudden sensorineural hearing loss patients. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2020, 41, 102503.	1.3	10
20	Paraspinal muscle changes after single-level posterior lumbar fusion: volumetric analyses and literature review. BMC Musculoskeletal Disorders, 2020, 21, 73.	1.9	21
21	Radiogenomic Analysis of Breast Cancer by Using B-Mode and Vascular US and RNA Sequencing. Radiology, 2020, 295, 24-34.	7.3	16
22	Survey of the Knowledge of Korean Radiology Residents on Medical Artificial Intelligence. Journal of the Korean Society of Radiology, 2020, 81, 1397.	0.2	0
23	OCT angiography features associated with macular edema recurrence after intravitreal bevacizumab treatment in branch retinal vein occlusion. Scientific Reports, 2019, 9, 14153.	3.3	20
24	A Prospective Study on the Value of Ultrasound Microflow Assessment to Distinguish Malignant from Benign Solid Breast Masses: Association between Ultrasound Parameters and Histologic Microvessel Densities. Korean Journal of Radiology, 2019, 20, 759.	3.4	54
25	Feasibility of using computed tomography texture analysis parameters as imaging biomarkers for predicting risk grade of gastrointestinal stromal tumors: comparison with visual inspection. Abdominal Radiology, 2019, 44, 2346-2356.	2.1	23
26	Accuracy of Model-Based Iterative Reconstruction for CT Volumetry of Part-Solid Nodules and Solid Nodules in Comparison with Filtered Back Projection and Hybrid Iterative Reconstruction at Various Dose Settings: An Anthropomorphic Chest Phantom Study. Korean Journal of Radiology, 2019, 20, 1195.	3.4	9
27	The Optimal Energy Level of Virtual Monochromatic Images From Spectral CT for Reducing Beam-Hardening Artifacts Due to Contrast Media in the Thorax. American Journal of Roentgenology, 2018, 211, 557-563.	2.2	18
28	Comparison of Filtered Back Projection, Hybrid Iterative Reconstruction, Model-Based Iterative Reconstruction, and Virtual Monoenergetic Reconstruction Images at Both Low- and Standard-Dose Settings in Measurement of Emphysema Volume and Airway Wall Thickness: A CT Phantom Study. Korean Journal of Radiology, 2018, 19, 809.	3.4	15
29	Left ventricular wall motion abnormalities are associated with stroke recurrence. Neurology, 2017, 88, 586-594.	1.1	28
30	Risk factors of recurrence of macular oedema associated with branch retinal vein occlusion after intravitreal bevacizumab injection. British Journal of Ophthalmology, 2017, 101, 1334-1339.	3.9	21
31	Predictive models of objective oropharyngeal OSA surgery outcomes: Success rate and AHI reduction ratio. PLoS ONE, 2017, 12, e0185201.	2.5	27