

Jaehyung Cha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8651798/publications.pdf>

Version: 2024-02-01

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. <i>European Radiology</i> , 2022, 32, 650-660.	4.5	56
2	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. <i>Korean Journal of Radiology</i> , 2019, 20, 759.	3.4	54
3	Left ventricular wall motion abnormalities are associated with stroke recurrence. <i>Neurology</i> , 2017, 88, 586-594.	1.1	28
4	Predictive models of objective oropharyngeal OSA surgery outcomes: Success rate and AHI reduction ratio. <i>PLoS ONE</i> , 2017, 12, e0185201.	2.5	27
5	Kinematics after cervical laminoplasty: risk factors for cervical kyphotic deformity after laminoplasty. <i>Spine Journal</i> , 2021, 21, 1822-1829.	1.3	24
6	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. <i>Ultrasonography</i> , 2021, 40, 474-485.	2.3	24
7	Feasibility of using computed tomography texture analysis parameters as imaging biomarkers for predicting risk grade of gastrointestinal stromal tumors: comparison with visual inspection. <i>Abdominal Radiology</i> , 2019, 44, 2346-2356.	2.1	23
8	Risk factors of recurrence of macular oedema associated with branch retinal vein occlusion after intravitreal bevacizumab injection. <i>British Journal of Ophthalmology</i> , 2017, 101, 1334-1339.	3.9	21
9	Paraspinal muscle changes after single-level posterior lumbar fusion: volumetric analyses and literature review. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 73.	1.9	21
10	OCT angiography features associated with macular edema recurrence after intravitreal bevacizumab treatment in branch retinal vein occlusion. <i>Scientific Reports</i> , 2019, 9, 14153.	3.3	20
11	The Optimal Energy Level of Virtual Monochromatic Images From Spectral CT for Reducing Beam-Hardening Artifacts Due to Contrast Media in the Thorax. <i>American Journal of Roentgenology</i> , 2018, 211, 557-563.	2.2	18
12	Radiogenomic Analysis of Breast Cancer by Using B-Mode and Vascular US and RNA Sequencing. <i>Radiology</i> , 2020, 295, 24-34.	7.3	16
13	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. <i>Korean Journal of Radiology</i> , 2018, 19, 809.	3.4	15
14	Evaluation of polyhexamethylene guanidine-induced lung injuries by chest CT, pathologic examination, and RNA sequencing in a rat model. <i>Scientific Reports</i> , 2021, 11, 6318.	3.3	11
15	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. <i>Cancers</i> , 2021, 13, 6013.	3.7	11
16	Comparisons among vestibular examinations and symptoms of vertigo in sudden sensorineural hearing loss patients. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2020, 41, 102503.	1.3	10
17	Differentiating pulmonary metastasis from benign lung nodules in thyroid cancer patients using dual-energy CT parameters. <i>European Radiology</i> , 2022, 32, 1902-1911.	4.5	10
18	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. <i>Korean Journal of Radiology</i> , 2019, 20, 1195.	3.4	9

#	ARTICLE	IF	CITATIONS
19	Evaluation of the long-term effect of polyhexamethylene guanidine phosphate in a rat lung model using conventional chest computed tomography with histopathologic analysis. <i>PLoS ONE</i> , 2021, 16, e0256756.	2.5	8
20	Left ventricular wall motion abnormality is associated with cryptogenic stroke. <i>International Journal of Stroke</i> , 2020, 15, 188-196.	5.9	7
21	Feasibility of computed tomography texture analysis of hepatic fibrosis using dual-energy spectral detector computed tomography. <i>Japanese Journal of Radiology</i> , 2020, 38, 1179-1189.	2.4	6
22	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. <i>Scientific Reports</i> , 2021, 11, 22672.	3.3	5
23	Predictive Role of Lung Injury Prediction Score in the Development of Acute Respiratory Distress Syndrome in Korea. <i>Yonsei Medical Journal</i> , 2021, 62, 417.	2.2	4
24	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. <i>PLoS ONE</i> , 2022, 17, e0270122.	2.5	4
25	Effects of sirolimus in lymphangioliomyomatosis patients on lung cysts and pulmonary function: long-term follow-up observational study. <i>European Radiology</i> , 2020, 30, 735-743.	4.5	3
26	Nitrates administered by spray versus tablet: comparison of coronary vasodilation on CT angiography. <i>European Radiology</i> , 2021, 31, 515-524.	4.5	3
27	Microvascular Doppler ultrasound in children with acute pyelonephritis. <i>Medical Ultrasonography</i> , 2021, 23, 161-167.	0.8	3
28	Prediction of Inflammatory Breast Cancer Survival Outcomes Using Computed Tomography-Based Texture Analysis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 695305.	4.1	3
29	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. <i>Korean Journal of Radiology</i> , 2022, 23, 298.	3.4	2
30	Suspecting Intussusception and Recurrence Risk Stratification Using Clinical Data and Plain Abdominal Radiographs. <i>Pediatric Gastroenterology, Hepatology and Nutrition</i> , 2021, 24, 135.	1.2	0
31	Survey of the Knowledge of Korean Radiology Residents on Medical Artificial Intelligence. <i>Journal of the Korean Society of Radiology</i> , 2020, 81, 1397.	0.2	0