

Yoon Seong Choi

List of Publications by Year in descending order

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1,757
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257357

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docs citations

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times ranked

2618
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiomic MRI Phenotyping of Glioblastoma: Improving Survival Prediction. <i>Radiology</i> , 2018, 289, 797-806.	3.6	172
2	Radiomics and machine learning may accurately predict the grade and histological subtype in meningiomas using conventional and diffusion tensor imaging. <i>European Radiology</i> , 2019, 29, 4068-4076.	2.3	132
3	Primary central nervous system lymphoma and atypical glioblastoma: Differentiation using radiomics approach. <i>European Radiology</i> , 2018, 28, 3832-3839.	2.3	121
4	Fully automated hybrid approach to predict the IDH mutation status of gliomas via deep learning and radiomics. <i>Neuro-Oncology</i> , 2021, 23, 304-313.	0.6	114
5	Prediction of IDH1-Mutation and 1p/19q-Codeletion Status Using Preoperative MR Imaging Phenotypes in Lower Grade Gliomas. <i>American Journal of Neuroradiology</i> , 2018, 39, 37-42.	1.2	111
6	Deep-learning-based cardiovascular risk stratification using coronary artery calcium scores predicted from retinal photographs. <i>The Lancet Digital Health</i> , 2021, 3, e306-e316.	5.9	93
7	Retinal Artery Occlusion and the Risk of Stroke Development. <i>Stroke</i> , 2016, 47, 376-382.	1.0	92
8	Amide proton transfer imaging to discriminate between low- and high-grade gliomas: added value to apparent diffusion coefficient and relative cerebral blood volume. <i>European Radiology</i> , 2017, 27, 3181-3189.	2.3	86
9	Whole-Tumor Histogram and Texture Analyses of DTI for Evaluation of IDH1-Mutation and 1p/19q-Codeletion Status in World Health Organization Grade II Gliomas. <i>American Journal of Neuroradiology</i> , 2018, 39, 693-698.	1.2	56
10	Clinical and Ultrasonographic Findings Affecting Nondiagnostic Results upon the Second Fine Needle Aspiration for Thyroid Nodules. <i>Annals of Surgical Oncology</i> , 2012, 19, 2304-2309.	0.7	55
11	Incremental Prognostic Value of ADC Histogram Analysis over MGMT Promoter Methylation Status in Patients with Glioblastoma. <i>Radiology</i> , 2016, 281, 175-184.	3.6	51
12	Amide proton transfer imaging might predict survival and IDH mutation status in high-grade glioma. <i>European Radiology</i> , 2019, 29, 6643-6652.	2.3	45
13	Machine learning and radiomic phenotyping of lower grade gliomas: improving survival prediction. <i>European Radiology</i> , 2020, 30, 3834-3842.	2.3	45
14	Primary central nervous system lymphoma and atypical glioblastoma: differentiation using the initial area under the curve derived from dynamic contrast-enhanced MR and the apparent diffusion coefficient. <i>European Radiology</i> , 2017, 27, 1344-1351.	2.3	44
15	Amide proton transfer imaging for differentiation of benign and atypical meningiomas. <i>European Radiology</i> , 2018, 28, 331-339.	2.3	43
16	Radiomics MRI Phenotyping with Machine Learning to Predict the Grade of Lower-Grade Gliomas: A Study Focused on Nonenhancing Tumors. <i>Korean Journal of Radiology</i> , 2019, 20, 1381.	1.5	42
17	Differentiation between spinal cord diffuse midline glioma with histone H3 K27M mutation and wild type: comparative magnetic resonance imaging. <i>Neuroradiology</i> , 2019, 61, 313-322.	1.1	41
18	The Added Prognostic Value of Preoperative Dynamic Contrast-Enhanced MRI Histogram Analysis in Patients with Glioblastoma: Analysis of Overall and Progression-Free Survival. <i>American Journal of Neuroradiology</i> , 2015, 36, 2235-2241.	1.2	36

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19	Four-Dimensional Real-Time Cine Images of Wrist Joint Kinematics Using Dual Source CT with Minimal Time Increment Scanning. <i>Yonsei Medical Journal</i> , 2013, 54, 1026.	0.9	34
20	Application of Dynamic Contrast-Enhanced MRI Parameters for Differentiating Squamous Cell Carcinoma and Malignant Lymphoma of the Oropharynx. <i>American Journal of Roentgenology</i> , 2016, 206, 401-407.	1.0	34
21	AI-based prognostic imaging biomarkers for precision neuro-oncology: the ReSPOND consortium. <i>Neuro-Oncology</i> , 2020, 22, 886-888.	0.6	31
22	Gadolinium deposition in the brain: association with various GBCAs using a generalized additive model. <i>European Radiology</i> , 2017, 27, 3353-3361.	2.3	29
23	Diffusion tensor imaging radiomics in lower-grade glioma: improving subtyping of isocitrate dehydrogenase mutation status. <i>Neuroradiology</i> , 2020, 62, 319-326.	1.1	28
24	Histological characteristics of small hepatocellular carcinomas showing atypical enhancement patterns on gadoxetic acid-enhanced MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 1384-1391.	1.9	27
25	Machine Learning Based Radiomic HPV Phenotyping of Oropharyngeal SCC: A Feasibility Study Using MRI. <i>Laryngoscope</i> , 2021, 131, E851-E856.	1.1	22
26	How to Manage Thyroid Nodules With Two Consecutive Non-Diagnostic Results on Ultrasonography-Guided Fine-Needle Aspiration. <i>World Journal of Surgery</i> , 2012, 36, 586-592.	0.8	21
27	Characterizing amide proton transfer imaging in haemorrhage brain lesions using 3T MRI. <i>European Radiology</i> , 2017, 27, 1577-1584.	2.3	21
28	Functional Communication Profiles in Children with Cerebral Palsy in Relation to Gross Motor Function and Manual and Intellectual Ability. <i>Yonsei Medical Journal</i> , 2018, 59, 677.	0.9	19
29	Human Papillomavirus and Epidermal Growth Factor Receptor in Oral Cavity and Oropharyngeal Squamous Cell Carcinoma: Correlation With Dynamic Contrast-Enhanced MRI Parameters. <i>American Journal of Roentgenology</i> , 2016, 206, 408-413.	1.0	17
30	Language Development and Brain Magnetic Resonance Imaging Characteristics in Preschool Children With Cerebral Palsy. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 1330-1338.	0.7	15
31	The Initial Area Under the Curve Derived from Dynamic Contrast-Enhanced MRI Improves Prognosis Prediction in Glioblastoma with Unmethylated MGMT Promoter. <i>American Journal of Neuroradiology</i> , 2017, 38, 1528-1535.	1.2	14
32	Discrimination of Tumorous Intracerebral Hemorrhage from Benign Causes Using CT Densitometry. <i>American Journal of Neuroradiology</i> , 2015, 36, 886-892.	1.2	11
33	Stroke risk among adult patients with third, fourth or sixth cranial nerve palsy: a Nationwide Cohort Study. <i>Acta Ophthalmologica</i> , 2017, 95, e656-e661.	0.6	11
34	The clinical outcomes of deep gray matter injury in children with cerebral palsy in relation with brain magnetic resonance imaging. <i>Research in Developmental Disabilities</i> , 2016, 55, 218-225.	1.2	9
35	The added prognostic value of radiological phenotype combined with clinical features and molecular subtype in anaplastic gliomas. <i>Journal of Neuro-Oncology</i> , 2019, 142, 129-138.	1.4	9
36	Radiomics risk score may be a potential imaging biomarker for predicting survival in isocitrate dehydrogenase wild-type lower-grade gliomas. <i>European Radiology</i> , 2020, 30, 6464-6474.	2.3	8

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37	MR image phenotypes may add prognostic value to clinical features in IDH wild-type lower-grade gliomas. <i>European Radiology</i> , 2020, 30, 3035-3045.	2.3	6
38	Squamous Cell Carcinoma and Lymphoma of the Oropharynx: Differentiation Using a Radiomics Approach. <i>Yonsei Medical Journal</i> , 2020, 61, 895.	0.9	6
39	NIMG-66. AI-BASED PROGNOSTIC IMAGING BIOMARKERS FOR PRECISION NEUROONCOLOGY AND THE RESPOND CONSORTIUM. <i>Neuro-Oncology</i> , 2020, 22, ii162-ii163.	0.6	3
40	NIMG-22. PREDICTION OF GLIOBLASTOMA CELLULAR INFILTRATION AND RECURRENCE USING MACHINE LEARNING AND MULTI-PARAMETRIC MRI ANALYSIS: RESULTS FROM THE MULTI-INSTITUTIONAL RESPOND CONSORTIUM. <i>Neuro-Oncology</i> , 2021, 23, vi132-vi133.	0.6	3
41	NIMG-52. PREDICTION OF SURVIVAL OUTCOME WITH RADIOLOGICAL PHENOTYPES IN IDH-WILD TYPE LOWER GRADE GLIOMAS BASED ON MACHINE LEARNING. <i>Neuro-Oncology</i> , 2018, 20, vi187-vi188.	0.6	0
42	A Tale of Two Organ Systems: Imaging review of diseases affecting the thoracic and neurological systems. Part 1. <i>Current Problems in Diagnostic Radiology</i> , 2021, 51, 589-589.	0.6	0
43	NIMG-39. RADIOMIC ANALYSIS FOR NON-INVASIVE IN VIVO PROGNOSTIC STRATIFICATION OF DE NOVO GLIOBLASTOMA PATIENTS: A MULTI-INSTITUTIONAL EVALUATION FOR GENERALIZABILITY IN THE RESPOND CONSORTIUM. <i>Neuro-Oncology</i> , 2021, 23, vi137-vi137.	0.6	0