Yoon Seong Choi

List of Publications by Year
in descending order

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43 papers	1,757 citations	257357 24 h-index	289141 40 g-index
43 all docs	43 docs citations	43 times ranked	2618 citing authors

#	Article	IF	Citations
1	Fully automated hybrid approach to predict theIDHmutation status of gliomas via deep learning and radiomics. Neuro-Oncology, 2021, 23, 304-313.	0.6	114
2	Machine Learning Based Radiomic <scp>HPV</scp> Phenotyping of Oropharyngeal <scp>SCC</scp>: A Feasibility Study Using <scp>MRI</scp>. Laryngoscope, 2021, 131, E851-E856.	1.1	22
3	Deep-learning-based cardiovascular risk stratification using coronary artery calcium scores predicted from retinal photographs. The Lancet Digital Health, 2021, 3, e306-e316.	5.9	93
4	A Tale of Two Organ Systems: Imaging review of diseases affecting the thoracic and neurological systems. Part 1. Current Problems in Diagnostic Radiology, 2021, 51, 589-589.	0.6	0
5	NIMG-22. PREDICTION OF GLIOBLASTOMA CELLULAR INFILTRATION AND RECURRENCE USING MACHINE LEARNING AND MULTI-PARAMETRIC MRI ANALYSIS: RESULTS FROM THE MULTI-INSTITUTIONAL RESPOND CONSORTIUM. Neuro-Oncology, 2021, 23, vi132-vi133.	0.6	3
6	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. Neuro-Oncology, 2021, 23, vi137-vi137.	0.6	0
7	Diffusion tensor imaging radiomics in lower-grade glioma: improving subtyping of isocitrate dehydrogenase mutation status. Neuroradiology, 2020, 62, 319-326.	1.1	28
8	Radiomics risk score may be a potential imaging biomarker for predicting survival in isocitrate dehydrogenase wild-type lower-grade gliomas. European Radiology, 2020, 30, 6464-6474.	2.3	8
9	Machine learning and radiomic phenotyping of lower grade gliomas: improving survival prediction. European Radiology, 2020, 30, 3834-3842.	2.3	45
10	AI-based prognostic imaging biomarkers for precision neuro-oncology: the ReSPOND consortium. Neuro-Oncology, 2020, 22, 886-888.	0.6	31
11	MR image phenotypes may add prognostic value to clinical features in IDH wild-type lower-grade gliomas. European Radiology, 2020, 30, 3035-3045.	2.3	6
12	NIMG-66. AI-BASED PROGNOSTIC IMAGING BIOMARKERS FOR PRECISION NEUROONCOLOGY AND THE RESPOND CONSORTIUM. Neuro-Oncology, 2020, 22, ii162-ii163.	0.6	3
13	Squamous Cell Carcinoma and Lymphoma of the Oropharynx: Differentiation Using a Radiomics Approach. Yonsei Medical Journal, 2020, 61, 895.	0.9	6
14	Differentiation between spinal cord diffuse midline glioma with histone H3 K27M mutation and wild type: comparative magnetic resonance imaging. Neuroradiology, 2019, 61, 313-322.	1.1	41
15	Amide proton transfer imaging might predict survival and IDH mutation status in high-grade glioma. European Radiology, 2019, 29, 6643-6652.	2.3	45
16	The added prognostic value of radiological phenotype combined with clinical features and molecular subtype in anaplastic gliomas. Journal of Neuro-Oncology, 2019, 142, 129-138.	1.4	9
17	Radiomics and machine learning may accurately predict the grade and histological subtype in meningiomas using conventional and diffusion tensor imaging. European Radiology, 2019, 29, 4068-4076.	2.3	132
18	Radiomics MRI Phenotyping with Machine Learning to Predict the Grade of Lower-Grade Gliomas: A Study Focused on Nonenhancing Tumors. Korean Journal of Radiology, 2019, 20, 1381.	1.5	42

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19	Primary central nervous system lymphoma and atypical glioblastoma: Differentiation using radiomics approach. European Radiology, 2018, 28, 3832-3839.	2.3	121
20	Whole-Tumor Histogram and Texture Analyses of DTI for Evaluation ofIDH1-Mutation and 1p/19q-Codeletion Status in World Health Organization Grade II Gliomas. American Journal of Neuroradiology, 2018, 39, 693-698.	1.2	56
21	Amide proton transfer imaging for differentiation of benign and atypical meningiomas. European Radiology, 2018, 28, 331-339.	2.3	43
22	Prediction ofIDH1-Mutation and 1p/19q-Codeletion Status Using Preoperative MR Imaging Phenotypes in Lower Grade Gliomas. American Journal of Neuroradiology, 2018, 39, 37-42.	1.2	111
23	NIMG-52. PREDICTION OF SURVIVAL OUTCOME WITH RADIOLOGICAL PHENOTYPES IN IDH-WILD TYPE LOWER GRADE GLIOMAS BASED ON MACHINE LEARNING. Neuro-Oncology, 2018, 20, vi187-vi188.	0.6	0
24	Radiomic MRI Phenotyping of Glioblastoma: Improving Survival Prediction. Radiology, 2018, 289, 797-806.	3.6	172
25	Functional Communication Profiles in Children with Cerebral Palsy in Relation to Gross Motor Function and Manual and Intellectual Ability. Yonsei Medical Journal, 2018, 59, 677.	0.9	19
26	Characterizing amide proton transfer imaging in haemorrhage brain lesions using 3T MRI. European Radiology, 2017, 27, 1577-1584.	2.3	21
27	Gadolinium deposition in the brain: association with various GBCAs using a generalized additive model. European Radiology, 2017, 27, 3353-3361.	2.3	29
28	Amide proton transfer imaging to discriminate between low- and high-grade gliomas: added value to apparent diffusion coefficient and relative cerebral blood volume. European Radiology, 2017, 27, 3181-3189.	2.3	86
29	Language Development and Brain Magnetic Resonance Imaging Characteristics in Preschool Children With Cerebral Palsy. Journal of Speech, Language, and Hearing Research, 2017, 60, 1330-1338.	0.7	15
30	Stroke risk among adult patients with third, fourth or sixth cranial nerve palsy: a Nationwide Cohort Study. Acta Ophthalmologica, 2017, 95, e656-e661.	0.6	11
31	The Initial Area Under the Curve Derived from Dynamic Contrast-Enhanced MRI Improves Prognosis Prediction in Glioblastoma with UnmethylatedMGMTPromoter. American Journal of Neuroradiology, 2017, 38, 1528-1535.	1.2	14
32	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. European Radiology, 2017, 27, 1344-1351.	2.3	44
33	Incremental Prognostic Value of ADC Histogram Analysis over MGMT Promoter Methylation Status in Patients with Glioblastoma. Radiology, 2016, 281, 175-184.	3.6	51
34	The clinical outcomes of deep gray matter injury in children with cerebral palsy in relation with brain magnetic resonance imaging. Research in Developmental Disabilities, 2016, 55, 218-225.	1.2	9
35	Retinal Artery Occlusion and the Risk of Stroke Development. Stroke, 2016, 47, 376-382.	1.0	92
36	Application of Dynamic Contrast-Enhanced MRI Parameters for Differentiating Squamous Cell Carcinoma and Malignant Lymphoma of the Oropharynx. American Journal of Roentgenology, 2016, 206, 401-407.	1.0	34

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37	Human Papillomavirus and Epidermal Growth Factor Receptor in Oral Cavity and Oropharyngeal Squamous Cell Carcinoma: Correlation With Dynamic Contrast-Enhanced MRI Parameters. American Journal of Roentgenology, 2016, 206, 408-413.	1.0	17
38	Discrimination of Tumorous Intracerebral Hemorrhage from Benign Causes Using CT Densitometry. American Journal of Neuroradiology, 2015, 36, 886-892.	1.2	11
39	The Added Prognostic Value of Preoperative Dynamic Contrast-Enhanced MRI Histogram Analysis in Patients with Glioblastoma: Analysis of Overall and Progression-Free Survival. American Journal of Neuroradiology, 2015, 36, 2235-2241.	1.2	36
40	Histological characteristics of small hepatocellular carcinomas showing atypical enhancement patterns on gadoxetic acidâ€enhanced MR imaging. Journal of Magnetic Resonance Imaging, 2013, 37, 1384-1391.	1.9	27
41	Four-Dimensional Real-Time Cine Images of Wrist Joint Kinematics Using Dual Source CT with Minimal Time Increment Scanning. Yonsei Medical Journal, 2013, 54, 1026.	0.9	34
42	Clinical and Ultrasonographic Findings Affecting Nondiagnostic Results upon the Second Fine Needle Aspiration for Thyroid Nodules. Annals of Surgical Oncology, 2012, 19, 2304-2309.	0.7	55
43	How to Manage Thyroid Nodules With Two Consecutive Nonâ€Diagnostic Results on Ultrasonographyâ€Guided Fineâ€Needle Aspiration. World Journal of Surgery, 2012, 36, 586-592.	0.8	21