

Koung Mi Kang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2223660/publications.pdf>

Version: 2024-02-01

69
papers

1,013
citations

430874

18
h-index

526287

27
g-index

75
all docs

75
docs citations

75
times ranked

1637
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiogenomics correlation between MR imaging features and major genetic profiles in glioblastoma. <i>European Radiology</i> , 2018, 28, 4350-4361.	4.5	63
2	Added value of diffusion-weighted imaging to MR cholangiopancreatography with unenhanced mr imaging for predicting malignancy or invasiveness of intraductal papillary mucinous neoplasm of the pancreas. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 555-563.	3.4	57
3	Monitoring Cerebral Perfusion Changes after Revascularization in Patients with Moyamoya Disease by Using Arterial Spin-labeling MR Imaging. <i>Radiology</i> , 2018, 288, 565-572.	7.3	54
4	Capability of arterial spin labeling MR imaging in localizing seizure focus in clinical seizure activity. <i>European Journal of Radiology</i> , 2016, 85, 1295-1303.	2.6	46
5	Bright Vessel Appearance on Arterial Spin Labeling MRI for Localizing Arterial Occlusion in Acute Ischemic Stroke. <i>Stroke</i> , 2015, 46, 564-567.	2.0	43
6	Synthetic <scp>MRI</scp>: Technologies and Applications in Neuroradiology. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 1013-1025.	3.4	40
7	Contrast-enhanced MRI T1 Mapping for Quantitative Evaluation of Putative Dynamic Glymphatic Activity in the Human Brain in Sleep-Wake States. <i>Radiology</i> , 2021, 300, 661-668.	7.3	40
8	Serum albumin and beta-amyloid deposition in the human brain. <i>Neurology</i> , 2020, 95, e815-e826.	1.1	36
9	T1 Shortening in the Globus Pallidus after Multiple Administrations of Gadobutrol: Assessment with a Multidynamic Multiecho Sequence. <i>Radiology</i> , 2018, 287, 258-266.	7.3	32
10	Differentiation of Parkinsonism-Predominant Multiple System Atrophy from Idiopathic Parkinson Disease Using 3T Susceptibility-Weighted MR Imaging, Focusing on Putaminal Change and Lesion Asymmetry. <i>American Journal of Neuroradiology</i> , 2015, 36, 2227-2234.	2.4	29
11	Dynamic contrast-enhanced MR imaging in predicting progression of enhancing lesions persisting after standard treatment in glioblastoma patients: a prospective study. <i>European Radiology</i> , 2017, 27, 3156-3166.	4.5	27
12	Quantitative dynamic contrast-enhanced MR imaging shows widespread blood-brain barrier disruption in mild traumatic brain injury patients with post-concussion syndrome. <i>European Radiology</i> , 2019, 29, 1308-1317.	4.5	26
13	Altered Vascular Permeability in Migraine-associated Brain Regions: Evaluation with Dynamic Contrast-enhanced MRI. <i>Radiology</i> , 2019, 292, 713-720.	7.3	23
14	Application of 3D Fast Spin-Echo T1 Black-Blood Imaging in the Diagnosis and Prognostic Prediction of Patients with Leptomeningeal Carcinomatosis. <i>American Journal of Neuroradiology</i> , 2018, 39, 1453-1459.	2.4	22
15	Radiomics-based neural network predicts recurrence patterns in glioblastoma using dynamic susceptibility contrast-enhanced MRI. <i>Scientific Reports</i> , 2021, 11, 9974.	3.3	22
16	Prediction of Prognosis in Glioblastoma Using Radiomics Features of Dynamic Contrast-Enhanced MRI. <i>Korean Journal of Radiology</i> , 2021, 22, 1514.	3.4	21
17	Comparison between the Prebolus T1 Measurement and the Fixed T1 Value in Dynamic Contrast-Enhanced MR Imaging for the Differentiation of True Progression from Pseudoprogression in Glioblastoma Treated with Concurrent Radiation Therapy and Temozolomide Chemotherapy. <i>American Journal of Neuroradiology</i> , 2017, 38, 2243-2250.	2.4	20
18	BCAT1 is a New MR Imaging-related Biomarker for Prognosis Prediction in IDH1-wildtype Glioblastoma Patients. <i>Scientific Reports</i> , 2017, 7, 17740.	3.3	20

#	ARTICLE	IF	CITATIONS
19	Differentiation of High-Grade from Low-Grade Astrocytoma: Improvement in Diagnostic Accuracy and Reliability of Pharmacokinetic Parameters from DCE MR Imaging by Using Arterial Input Functions Obtained from DSC MR Imaging. <i>Radiology</i> , 2018, 286, 981-991.	7.3	20
20	Ultrasonographic Indeterminate Lymph Nodes in Preoperative Thyroid Cancer Patients: Malignancy Risk and Ultrasonographic Findings Predictive of Malignancy. <i>Korean Journal of Radiology</i> , 2020, 21, 598.	3.4	18
21	Diagnostic Accuracy and Confidence of [18F] FDG PET/MRI in comparison with PET or MRI alone in Head and Neck Cancer. <i>Scientific Reports</i> , 2020, 10, 9490.	3.3	17
22	Application of Synthetic MRI for Direct Measurement of Magnetic Resonance Relaxation Time and Tumor Volume at Multiple Time Points after Contrast Administration: Preliminary Results in Patients with Brain Metastasis. <i>Korean Journal of Radiology</i> , 2018, 19, 783.	3.4	16
23	Can Arterial Spin-Labeling with Multiple Postlabeling Delays Predict Cerebrovascular Reserve?. <i>American Journal of Neuroradiology</i> , 2018, 39, 84-90.	2.4	15
24	Serum zinc levels and in vivo beta-amyloid deposition in the human brain. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 190.	6.2	15
25	Application of Cardiac Gating to Improve the Reproducibility of Intravoxel Incoherent Motion Measurements in the Head and Neck. <i>Magnetic Resonance in Medical Sciences</i> , 2017, 16, 190-202.	2.0	14
26	Revascularization Evaluation in Adult-Onset Moyamoya Disease after Bypass Surgery: Superselective Arterial Spin Labeling Perfusion MRI Compared with Digital Subtraction Angiography. <i>Radiology</i> , 2020, 297, 630-637.	7.3	14
27	The Effect of Varying Slice Thickness and Interslice Gap on T ₁ and T ₂ ; Measured with the Multidynamic Multiecho Sequence. <i>Magnetic Resonance in Medical Sciences</i> , 2019, 18, 126-133.	2.0	13
28	Association of carotid and intracranial stenosis with Alzheimer's disease biomarkers. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 106.	6.2	13
29	Multiparity, Brain Atrophy, and Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 159.	3.4	13
30	Midlife Lifestyle Activities Moderate APOE ε4 Effect on in vivo Alzheimer's Disease Pathologies. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 42.	3.4	13
31	Temporal bone chondroblastoma: Imaging characteristics with pathologic correlation. <i>Head and Neck</i> , 2017, 39, 2171-2179.	2.0	12
32	Added Value of Computed Tomography to Ultrasonography for Assessing LN Metastasis in Preoperative Patients with Thyroid Cancer: Node-by-Node Correlation. <i>Cancers</i> , 2020, 12, 1190.	3.7	12
33	MGMT Promoter Methylation Status in Initial and Recurrent Glioblastoma: Correlation Study with DWI and DSC PWI Features. <i>American Journal of Neuroradiology</i> , 2021, 42, 853-860.	2.4	12
34	Prediction of brain age from routine T2-weighted spin-echo brain magnetic resonance images with a deep convolutional neural network. <i>Neurobiology of Aging</i> , 2021, 105, 78-85.	3.1	12
35	Genetic associations of in vivo pathology influence Alzheimer's disease susceptibility. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 156.	6.2	11
36	Neuroticism, conscientiousness, and in vivo Alzheimer pathologies measured by amyloid PET and MRI. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 303-310.	1.8	11

#	ARTICLE	IF	CITATIONS
37	Dynamic Contrast-Enhanced MR Imaging of Nonenhancing T2 High-Signal-Intensity Lesions in Baseline and Posttreatment Glioblastoma: Temporal Change and Prognostic Value. <i>American Journal of Neuroradiology</i> , 2020, 41, 49-56.	2.4	11
38	Application of diffusion-weighted imaging and dynamic susceptibility contrast perfusion-weighted imaging for ganglioglioma in adults: Comparison study with oligodendroglioma. <i>Journal of Neuroradiology</i> , 2016, 43, 331-338.	1.1	10
39	Added Value of Arterial Spin-Labeling MR Imaging for the Differentiation of Cerebellar Hemangioblastoma from Metastasis. <i>American Journal of Neuroradiology</i> , 2017, 38, 2052-2058.	2.4	10
40	Persistent/Recurrent Differentiated Thyroid Cancer: Clinical and Radiological Characteristics of Persistent Disease and Clinical Recurrence Based on Computed Tomography Analysis. <i>Thyroid</i> , 2018, 28, 1490-1499.	4.5	10
41	<p>Prediction of Amyloid Positivity in Mild Cognitive Impairment Using Fully Automated Brain Segmentation Software<p>. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 1745-1754.	2.2	10
42	Blood-Brain Barrier Disruption in Mild Traumatic Brain Injury Patients with Post-Concussion Syndrome: Evaluation with Region-Based Quantification of Dynamic Contrast-Enhanced MR Imaging Parameters Using Automatic Whole-Brain Segmentation. <i>Korean Journal of Radiology</i> , 2021, 22, 118.	3.4	10
43	Cognitive reserve proxies, Alzheimer pathologies, and cognition. <i>Neurobiology of Aging</i> , 2022, 110, 88-95.	3.1	10
44	Validation of Ultrasound Risk Stratification Systems for Cervical Lymph Node Metastasis in Patients with Thyroid Cancer. <i>Cancers</i> , 2022, 14, 2106.	3.7	9
45	Stenosis Detection From Time-of-Flight Magnetic Resonance Angiography via Deep Learning 3D Squeeze and Excitation Residual Networks. <i>IEEE Access</i> , 2020, 8, 43325-43335.	4.2	8
46	Prognostic Value of Dynamic Contrast-Enhanced MRI-Derived Pharmacokinetic Variables in Glioblastoma Patients: Analysis of Contrast-Enhancing Lesions and Non-Enhancing T2 High-Signal Intensity Lesions. <i>Korean Journal of Radiology</i> , 2020, 21, 707.	3.4	8
47	Leakage correction improves prognosis prediction of dynamic susceptibility contrast perfusion MRI in primary central nervous system lymphoma. <i>Scientific Reports</i> , 2018, 8, 456.	3.3	7
48	Prognostic Prediction Based on Dynamic Contrast-Enhanced MRI and Dynamic Susceptibility Contrast-Enhanced MRI Parameters from Non-Enhancing, T2-High-Signal-Intensity Lesions in Patients with Glioblastoma. <i>Korean Journal of Radiology</i> , 2021, 22, 1369.	3.4	7
49	Synergistic Effect of Serum Homocysteine and Diabetes Mellitus on Brain Alterations. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 287-295.	2.6	7
50	Comparison of Genetic Profiles and Prognosis of High-Grade Gliomas Using Quantitative and Qualitative MRI Features: A Focus on G3 Gliomas. <i>Korean Journal of Radiology</i> , 2021, 22, 233.	3.4	6
51	Renal Safety of Repeated Intravascular Administrations of Iodinated or Gadolinium-Based Contrast Media within a Short Interval. <i>Korean Journal of Radiology</i> , 2021, 22, 1547.	3.4	3
52	Computed tomography complements ultrasound for the differential diagnosis of traumatic neuroma from recurrent tumor in patients with postoperative thyroid cancer. <i>European Radiology</i> , 2021, , 1.	4.5	3
53	Diagnostic value of computed tomography combined with ultrasonography in detecting cervical recurrence in patients with thyroid cancer. <i>Head and Neck</i> , 2019, 41, 1206-1212.	2.0	2
54	Myelin Content in Mild Traumatic Brain Injury Patients with Post-Concussion Syndrome: Quantitative Assessment with a Multidynamic Multiecho Sequence. <i>Korean Journal of Radiology</i> , 2022, 23, 226.	3.4	2

#	ARTICLE	IF	CITATIONS
55	Response prediction of vestibular schwannoma after gamma-knife radiosurgery using pretreatment dynamic contrast-enhanced MRI: a prospective study. <i>European Radiology</i> , 2022, 32, 3734-3743.	4.5	2
56	Gel Phantom Study with High-Intensity Focused Ultrasound: Influence of Metallic Stent Containing Either Air or Fluid. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 2851-2856.	1.5	1
57	Diffusion Tensor Imaging and Neurite Orientation Dispersion and Density Imaging Assessment of Optic Pathway Function in Patients With Anterior Visual Pathway Compression. <i>Journal of Neuro-Ophthalmology</i> , 2021, Publish Ahead of Print, .	0.8	1
58	Cerebrovascular Reservoir and Arterial Transit Time Changes Assessed by Acetazolamide-Challenged Multi-Phase Arterial Spin Labeling Perfusion MRI in Chronic Cerebrovascular Steno-Occlusive Disease. <i>Journal of the Korean Society of Radiology</i> , 2021, 82, 626.	0.2	1
59	Prediction of hemorrhagic complications after ultrasound-guided biopsy of the thyroid and neck. <i>European Radiology</i> , 2022, , 1.	4.5	1
60	Added Value of Contrast Leakage Information over the CBV Value of DSC Perfusion MRI to Differentiate between Pseudoprogression and True Progression after Concurrent Chemoradiotherapy in Glioblastoma Patients. <i>Investigative Magnetic Resonance Imaging</i> , 2022, 26, 10.	0.4	1
61	[P3â€³354]: VOXELâ€³WISE ANALYSIS OF THE ASSOCIATION BETWEEN FASTING BLOOD INSULIN AND CEREBRAL GLUCOSE METABOLISM IN NONDIABETIC, COGNITIVELY NORMAL ELDERLY INDIVIDUALS. <i>Alzheimer's and Dementia</i> , 2017, 13, P1091.	0.8	0
62	[ICâ€³Pâ€³112]: VOXELâ€³WISE ANALYSIS OF THE ASSOCIATION BETWEEN FASTING BLOOD INSULIN AND CEREBRAL GLUCOSE METABOLISM IN NONDIABETIC, COGNITIVELY NORMAL ELDERLY INDIVIDUALS. <i>Alzheimer's and Dementia</i> , 2017, 13, P88.	0.8	0
63	P3â€³395: ASSOCIATION OF LARGE VESSEL STENOSIS WITH ALZHEIMER'S DISEASE BIOMARKERS. <i>Alzheimer's and Dementia</i> , 2018, 14, P1249.	0.8	0
64	ICâ€³Pâ€³096: ASSOCIATION OF LARGE VESSEL STENOSIS WITH ALZHEIMER'S DISEASE BIOMARKERS. <i>Alzheimer's and Dementia</i> , 2018, 14, P82.	0.8	0
65	Social support moderates the influence of Alzheimerâ€™s diseaseâ€³related neurodegeneration on cognitive decline. <i>Alzheimer's and Dementia</i> , 2020, 16, e043312.	0.8	0
66	Microstructural alterations of regional white matter tracts predict tau deposition in the Alzheimerâ€™s disease signature regions. <i>Alzheimer's and Dementia</i> , 2020, 16, e043471.	0.8	0
67	Regional microstructural alteration of the corpus callosum in preclinical Alzheimerâ€™s disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e045000.	0.8	0
68	Application of T1 Map Information Based on Synthetic MRI for Dynamic Contrast-Enhanced Imaging: A Comparison Study with the Fixed Baseline T1 Value Method. <i>Korean Journal of Radiology</i> , 2021, 22, 1352.	3.4	0
69	Association between Cerebral Small Vessel and Alzheimerâ€™s Disease. <i>Journal of the Korean Society of Radiology</i> , 2022, 83, 486.	0.2	0