Hyunjin Park

List of Publications by Year
in descending order

165 papers	4,098 citations	136740 32 h-index	161609 54 g-index
170 all docs	170 docs citations	170 times ranked	6429 citing authors

#	Article	IF	Citations
1	Overview of radiomics in prostate imaging and future directions. British Journal of Radiology, 2022, 95, 20210539.	1.0	7
2	Disrupted stepwise functional brain organization in overweight individuals. Communications Biology, 2022, 5, 11.	2.0	5
3	Enhanced neuroimaging genetics using multi-view non-negative matrix factorization with sparsity and prior knowledge. Medical Image Analysis, 2022, 77, 102378.	7.0	3
4	Measurement of Perfusion Heterogeneity within Tumor Habitats on Magnetic Resonance Imaging and Its Association with Prognosis in Breast Cancer Patients. Cancers, 2022, 14, 1858.	1.7	10
5	End-to-end Two-Branch Classifier for Retinal Imaging Analysis. , 2022, , .		0
6	Diagnosis-informed connectivity subtyping discovers subgroups of autism with reproducible symptom profiles. NeuroImage, 2022, 256, 119212.	2.1	6
7	TDM-Stargan: Stargan Using Time Difference Map to Generate Dynamic Contrast-Enhanced Mri from Ultrafast Dynamic Contrast-Enhanced Mri. , 2022, , .		1
8	Incremental benefits of size-zone matrix-based radiomics features for the prognosis of lung adenocarcinoma: advantage of spatial partitioning on tumor evaluation. European Radiology, 2022, , .	2.3	1
9	Pallidal Structural Changes Related to Levodopa-induced Dyskinesia in Parkinson's Disease. Frontiers in Aging Neuroscience, 2022, 14, .	1.7	0
10	Cerebrovascular reactivity and deep white matter hyperintensities in migraine: A prospective CO_2 targeting study. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 1879-1889.	2.4	3
11	Wearable EEG electronics for a Brain–AI Closed-Loop System to enhance autonomous machine decision-making. Npj Flexible Electronics, 2022, 6, .	5.1	29
12	Pleomorphic carcinoma of the lung: Prognostic models of semantic, radiomics and combined features from CT and PET/CT in 85 patients. European Journal of Radiology Open, 2021, 8, 100351.	0.7	4
13	A neuroimaging biomarker for sustained experimental and clinical pain. Nature Medicine, 2021, 27, 174-182.	15.2	108
14	Predicting amyloid positivity in patients with mild cognitive impairment using a radiomics approach. Scientific Reports, 2021, 11, 6954.	1.6	20
15	Tumor Margin Contains Prognostic Information: Radiomic Margin Characteristics Analysis in Lung Adenocarcinoma Patients. Cancers, 2021, 13, 1676.	1.7	4
16	Are radiomics features universally applicable to different organs?. Cancer Imaging, 2021, 21, 31.	1.2	7
17	A Cascaded Neural Network for Staging in Non-Small Cell Lung Cancer Using Pre-Treatment CT. Diagnostics, 2021, 11, 1047.	1.3	9
18	Inter-individual body mass variations relate to fractionated functional brain hierarchies. Communications Biology, 2021, 4, 735.	2.0	25

#	ARTICLE	IF	CITATIONS
19	Rethinking a Non-Predominant Pattern in Invasive Lung Adenocarcinoma: Prognostic Dissection Focusing on a High-Grade Pattern. Cancers, 2021, 13, 2785.	1.7	7
20	A structural enriched functional network: An application to predict brain cognitive performance. Medical Image Analysis, 2021, 71, 102026.	7.0	16
21	Generative Adversarial Network with Local Discriminator for Synthesizing Breast Contrast-Enhanced MRI. , 2021, , .		4
22	Noise Reduction for SD-OCT Using a Structure-Preserving Domain Transfer Approach. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3460-3472.	3.9	4
23	Cognitive and Neural State Dynamics of Narrative Comprehension. Journal of Neuroscience, 2021, 41, 8972-8990.	1.7	18
24	Radiomics-guided deep neural networks stratify lung adenocarcinoma prognosis from CT scans. Communications Biology, 2021, 4, 1286.	2.0	13
25	Evaluation of Response to Immune Checkpoint Inhibitors Using a Radiomics, Lesion-Level Approach. Cancers, 2021, 13, 6050.	1.7	3
26	Accurate neuroimaging biomarkers to predict body mass index in adolescents: a longitudinal study. Brain Imaging and Behavior, 2020, 14, 1682-1695.	1.1	12
27	Joint-Connectivity-Based Sparse Canonical Correlation Analysis of Imaging Genetics for Detecting Biomarkers of Parkinsonâ€™s Disease. IEEE Transactions on Medical Imaging, 2020, 39, 23-34.	5.4	39
28	Two-step deep neural network for segmentation of deep white matter hyperintensities in migraineurs. Computer Methods and Programs in Biomedicine, 2020, 183, 105065.	2.6	21
29	GraphNet-based imaging biomarker model to explain levodopa-induced dyskinesia in Parkinson's disease. Computer Methods and Programs in Biomedicine, 2020, 196, 105713.	2.6	1
30	Radiomics Based on Thyroid Ultrasound Can Predict Distant Metastasis of Follicular Thyroid Carcinoma. Journal of Clinical Medicine, 2020, 9, 2156.	1.0	19
31	Prediction of age at onset in Parkinsonâ€™s disease using objective specific neuroimaging genetics based on a sparse canonical correlation analysis. Scientific Reports, 2020, 10, 11662.	1.6	4
32	The Tumorâ€"Fat Interface Volume of Breast Cancer on Pretreatment MRI Is Associated with a Pathologic Response to Neoadjuvant Chemotherapy. Biology, 2020, 9, 391.	1.3	3
33	Computed Tomography Radiomics for Residual Positron Emission Tomography-Computed Tomography Uptake in Lymph Nodes after Treatment. Cancers, 2020, 12, 3564.	1.7	0
34	Prediction of tumor doubling time of lung adenocarcinoma using radiomic margin characteristics. Thoracic Cancer, 2020, 11, 2600-2609.	0.8	15
35	Parallel comparison and combining effect of radiomic and emerging genomic data for prognostic stratification of nonâ€small cell lung carcinoma patients. Thoracic Cancer, 2020, 11, 2542-2551.	0.8	5
36	A neuroimaging marker for predicting longitudinal changes in pain intensity of subacute back pain based on large-scale brain network interactions. Scientific Reports, 2020, 10, 17392.	1.6	6

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37	Multivariate association between brain function and eating disorders using sparse canonical correlation analysis. PLoS ONE, 2020, 15, e0237511.	1.1	6
38	Whole‐brain functional connectivity correlates of obesity phenotypes. Human Brain Mapping, 2020, 41, 4912-4924.	1.9	22
39	Machine learning-based automated classification of headache disorders using patient-reported questionnaires. Scientific Reports, 2020, 10, 14062.	1.6	24
40	Deep Network-Based Feature Selection for Imaging Genetics: Application to Identifying Biomarkers for Parkinson's Disease. , 2020, 2020, .		1
41	Multi-Habitat Radiomics Unravels Distinct Phenotypic Subtypes of Glioblastoma with Clinical and Genomic Significance. Cancers, 2020, 12, 1707.	1.7	18
42	The orbitofrontal cortex functionally links obesity and white matter hyperintensities. Scientific Reports, 2020, 10, 2930.	1.6	6
43	Marginal radiomics features as imaging biomarkers for pathological invasion in lung adenocarcinoma. European Radiology, 2020, 30, 2984-2994.	2.3	21
44	Radiomics in Lung Cancer from Basic to Advanced: Current Status and Future Directions. Korean Journal of Radiology, 2020, 21, 159.	1.5	29
45	Radiomics Study of Thyroid Ultrasound for Predicting <i>BRAF</i> Mutation in Papillary Thyroid Carcinoma: Preliminary Results. American Journal of Neuroradiology, 2020, 41, 700-705.	1.2	30
46	Artificial Neural Network Inspired by Neuroimaging Connectivity: Application in Autism Spectrum Disorder. , 2020, , .		11
47	Deciphering the tumor microenvironment through radiomics in non-small cell lung cancer: Correlation with immune profiles. PLoS ONE, 2020, 15, e0231227.	1.1	43
48	Integrative Radiogenomics Approach for Risk Assessment of Post-Operative Metastasis in Pathological T1 Renal Cell Carcinoma: A Pilot Retrospective Cohort Study. Cancers, 2020, 12, 866.	1.7	19
49	Radiomics and Imaging Genomics for Evaluation of Tumor Response. Medical Radiology, 2020, , 221-238.	0.0	5
50	Radiomics in Breast Imaging from Techniques to Clinical Applications: A Review. Korean Journal of Radiology, 2020, 21, 779.	1.5	62
51	Structural Connectivity Enriched Functional Brain Network Using Simplex Regression with GraphNet. Lecture Notes in Computer Science, 2020, 12436, 292-302.	1.0	2
52	NIMG-20. MULTI-HABITAT RADIOMICS UNRAVELS DISTINCT PHENOTYPIC SUBTYPES OF GLIOBLASTOMA WITH CLINICAL AND GENOMIC SIGNIFICANCE. Neuro-Oncology, 2020, 22, ii151-ii151.	0.6	0
53	DO OUR BRAINS OPPPOSE TO AUTONOMOUS VEHICLE KILLINGS MORE THAN TO OTHER MORAL RISKS? AN fMRI INVESTIGATION. Global Fashion Management Conference, 2020, 2020, 1203-1205.	0.0	0
54	Clustering approach to identify intratumour heterogeneity combining FDG PET and diffusion-weighted MRI in lung adenocarcinoma. European Radiology, 2019, 29, 468-475.	2.3	9

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55	Clinical impact of variability on CT radiomics and suggestions for suitable feature selection: a focus on lung cancer. Cancer Imaging, 2019, 19, 54.	1.2	41
56	Impact of sampling rate on statistical significance for single subject fMRI connectivity analysis. Human Brain Mapping, 2019, 40, 3321-3337.	1.9	12
57	Synthesizing diffusion tensor imaging from functional MRI using fully convolutional networks. Computers in Biology and Medicine, 2019, 115, 103528.	3.9	6
58	Prevalence and Impact of Venous and Arterial Thromboembolism in Patients With Embolic Stroke of Undetermined Source With or Without Active Cancer. Journal of the American Heart Association, 2019, 8, e013215.	1.6	11
59	Prognostic Impact of Longitudinal Monitoring of Radiomic Features in Patients with Advanced Non-Small Cell Lung Cancer. Scientific Reports, 2019, 9, 8730.	1.6	14
60	The effects of high-frequency repetitive transcranial magnetic stimulation on resting-state functional connectivity in obese adults. Diabetes, Obesity and Metabolism, 2019, 21, 1956-1966.	2.2	24
61	Standardized Assessment of Automatic Segmentation of White Matter Hyperintensities and Results of the WMH Segmentation Challenge. IEEE Transactions on Medical Imaging, 2019, 38, 2556-2568.	5.4	165
62	Increased connectivity of pain matrix in chronic migraine: a resting-state functional MRI study. Journal of Headache and Pain, 2019, 20, 29.	2.5	72
63	Possible links between the lag structure in visual cortex and visual streams using fMRI. Scientific Reports, 2019, 9, 4283.	1.6	10
64	Transdermal Drug Delivery Using a Specialized Cavitation Seed for Ultrasound. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 1057-1064.	1.7	12
65	Effectiveness of imaging genetics analysis to explain degree of depression in Parkinson's disease. PLoS ONE, 2019, 14, e0211699.	1.1	7
66	Spatially guided functional correlation tensor: A new method to associate body mass index and white matter neuroimaging. Computers in Biology and Medicine, 2019, 107, 137-144.	3.9	7
67	FuNP (Fusion of Neuroimaging Preprocessing) Pipelines: A Fully Automated Preprocessing Software for Functional Magnetic Resonance Imaging. Frontiers in Neuroinformatics, 2019, 13, 5.	1.3	53
68	Geographic atrophy segmentation in SD-OCT images using synthesized fundus autofluorescence imaging. Computer Methods and Programs in Biomedicine, 2019, 182, 105101.	2.6	15
69	Dynamic functional connectivity of the migraine brain: a resting-state functional magnetic resonance imaging study. Pain, 2019, 160, 2776-2786.	2.0	26
70	Measurement Variability in Treatment Response Determination for Non–Small Cell Lung Cancer. Journal of Thoracic Imaging, 2019, 34, 103-115.	0.8	14
71	Radiomics signature on 3T dynamic contrast-enhanced magnetic resonance imaging for estrogen receptor-positive invasive breast cancers. Medicine (United States), 2019, 98, e15871.	0.4	23
72	Cerebrovascular reactivity as a determinant of deep white matter hyperintensities in migraine. Neurology, 2019, 92, e342-e350.	1.5	26

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73	Subtype Identification of Parkinson's Disease Using Sparse Canonical Correlation and Clustering Analysis of Multimodal Neuroimaging. Communications in Computer and Information Science, 2019, , 126-136.	0.4	0
74	THE EFFECT OF LUXURY BRANDS' CSR COMMUNICATION ON PURCHASE INTENTION: AN FMRI INVESTIGATION. Global Fashion Management Conference, 2019, 2019, 445-445.	0.0	0
75	Imaging genotyping of functional signaling pathways in lung squamous cell carcinoma using a radiomics approach. Scientific Reports, 2018, 8, 3284.	1.6	20
76	Comprehensive Computed Tomography Radiomics Analysis of Lung Adenocarcinoma for Prognostication. Oncologist, 2018, 23, 806-813.	1.9	26
77	Automatic Subretinal Fluid Segmentation of Retinal SD-OCT Images With Neurosensory Retinal Detachment Guided by Enface Fundus Imaging. IEEE Transactions on Biomedical Engineering, 2018, 65, 87-95.	2.5	34
78	Dynamic functional connectivity analysis reveals improved association between brain networks and eating behaviors compared to static analysis. Behavioural Brain Research, 2018, 337, 114-121.	1.2	36
79	Functional connectivity based parcellation of early visual cortices. Human Brain Mapping, 2018, 39, 1380-1390.	1.9	15
80	Classification of the glioma grading using radiomics analysis. PeerJ, 2018, 6, e5982.	0.9	121
81	Non-linear Approach for MRI to intra-operative US Registration Using Structural Skeleton. Lecture Notes in Computer Science, 2018, , 138-145.	1.0	4
82	Predicting Survival Using Pretreatment CT for Patients With Hepatocellular Carcinoma Treated With Transarterial Chemoembolization: Comparison of Models Using Radiomics. American Journal of Roentgenology, 2018, 211, 1026-1034.	1.0	90
83	Structural and Functional Brain Connectivity Changes Between People With Abdominal and Non-abdominal Obesity and Their Association With Behaviors of Eating Disorders. Frontiers in Neuroscience, 2018, 12, 741.	1.4	29
84	Radiomics features to distinguish glioblastoma from primary central nervous system lymphoma on multi-parametric MRI. Neuroradiology, 2018, 60, 1297-1305.	1.1	50
85	DEWS (DEep White matter hyperintensity Segmentation framework): A fully automated pipeline for detecting small deep white matter hyperintensities in migraineurs. NeuroImage: Clinical, 2018, 18, 638-647.	1.4	21
86	Radiomics Signature on Magnetic Resonance Imaging: Association with Disease-Free Survival in Patients with Invasive Breast Cancer. Clinical Cancer Research, 2018, 24, 4705-4714.	3.2	181
87	Deciphering Clinicoradiologic Phenotype for Thymidylate Synthase Expression Status in Patients with Advanced Lung Adenocarcinoma Using a Radiomics Approach. Scientific Reports, 2018, 8, 8968.	1.6	13
88	Prospects of deep learning for medical imaging. Precision and Future Medicine, 2018, 2, 37-52.	0.5	49
89	NEUROMARKETING AND BIG DATA ANALYTICS FOR RESEARCH USING FUNCTIONAL MAGNETIC RESONANCE IMAGING. Global Fashion Management Conference, 2018, 2018, 691-691.	0.0	0
90	Dynamic reconfiguration of global network and regional functional connectivity when comprehending visual narratives. Journal of Vision, 2018, 18, 115.	0.1	0

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91	Parametric response mapping of dynamic CT: enhanced prediction of survival in hepatocellular carcinoma patients treated with transarterial chemoembolization. Abdominal Radiology, 2017, 42, 1871-1879.	1.0	5
92	Imaging genetics approach to Parkinson's disease and its correlation with clinical score. Scientific Reports, 2017, 7, 46700.	1.6	12
93	Imaging Phenotyping Using Radiomics to Predict Micropapillary Pattern within Lung Adenocarcinoma. Journal of Thoracic Oncology, 2017, 12, 624-632.	0.5	84
94	Convolutional neural network classifier for distinguishing Barrett's esophagus and neoplasia endomicroscopy images. , 2017, 2017, 2892-2895.		35
95	Neuroimaging biomarkers to associate obesity and negative emotions. Scientific Reports, 2017, 7, 7664.	1.6	15
96	Classification of low-grade and high-grade glioma using multi-modal image radiomics features. , 2017, 2017, 3081-3084.		55
97	Radiomics and its emerging role in lung cancer research, imaging biomarkers and clinical management: State of the art. European Journal of Radiology, 2017, 86, 297-307.	1.2	222
98	Imaging genetics approach to predict progression of Parkinson's diseases. , 2017, 2017, 3922-3925.		0
99	Difference of Alzheimer's disease sub-groups using two features from intensity size zone matrix. , 2017, 2017, 3020-3023.		0
100	Three-dimensional continuous max flow optimization-based serous retinal detachment segmentation in SD-OCT for central serous chorioretinopathy. Biomedical Optics Express, 2017, 8, 4257.	1.5	33
101	Autism Spectrum Disorder Related Functional Connectivity Changes in the Language Network in Children, Adolescents and Adults. Frontiers in Human Neuroscience, 2017, 11, 418.	1.0	52
102	Connectional fingerprint of mild cognitive impairment based on FDG-PET and PiB-PET. , 2017, , .		0
103	PET analysis using features from intensity size zone matrix for group difference between mild cognitive impairment and normal control. , 2017, , .		0
104	Cross-cultural testing of face threats to predict apology and thanks intentions. Social Behavior and Personality, 2017, 45, 1643-1654.	0.3	3
105	Agreement between functional connectivity and cortical thickness-driven correlation maps of the medial frontal cortex. PLoS ONE, 2017, 12, e0171803.	1.1	4
106	Structural and functional connectional fingerprints in mild cognitive impairment and Alzheimer's disease patients. PLoS ONE, 2017, 12, e0173426.	1.1	24
107	Age-related connectivity differences between attention deficit and hyperactivity disorder patients and typically developing subjects: a resting-state functional MRI study. Neural Regeneration Research, 2017, 12, 1640.	1.6	13
108	Using Tractography to Distinguish SWEDD from Parkinson's Disease Patients Based on Connectivity. Parkinson's Disease, 2016, 2016, 1-10.	0.6	10

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109	Functional Connectivity of Child and Adolescent Attention Deficit Hyperactivity Disorder Patients: Correlation with IQ. Frontiers in Human Neuroscience, 2016, 10, 565.	1.0	15
110	An Efficient Bayesian Approach to Exploit the Context of Object-Action Interaction for Object Recognition. Sensors, 2016, 16, 981.	2.1	1
111	Sonophoresis Using Ultrasound Contrast Agents: Dependence on Concentration. PLoS ONE, 2016, 11, e0157707.	1.1	21
112	Imaging analysis of Parkinson's disease patients using SPECT and tractography. Scientific Reports, 2016, 6, 38070.	1.6	22
113	Functional brain networks associated with eating behaviors in obesity. Scientific Reports, 2016, 6, 23891.	1.6	45
114	Differences in connectivity patterns between child and adolescent attention deficit hyperactivity disorder patients. , 2016, 2016, 1127-1130.		8
115	Fully automated, level set-based segmentation for knee MRIs using an adaptive force function and template: data from the osteoarthritis initiative. BioMedical Engineering OnLine, 2016, 15, 99.	1.3	19
116	Structural connectivity profile of scans without evidence of dopaminergic deficit (SWEDD) patients compared to normal controls and Parkinson's disease patients. SpringerPlus, 2016, 5, 1421.	1.2	11
117	Parametric response mapping of dynamic CT for predicting intrahepatic recurrence of hepatocellular carcinoma after conventional transcatheter arterial chemoembolization. European Radiology, 2016, 26, 225-234.	2.3	11
118	Connectivity Analysis and Feature Classification in Attention Deficit Hyperactivity Disorder Sub-Types: A Task Functional Magnetic Resonance Imaging Study. Brain Topography, 2016, 29, 429-439.	0.8	25
119	Connectivity differences between adult male and female patients with attention deficit hyperactivity disorder according to resting-state functional MRI. Neural Regeneration Research, 2016, 11, 119.	1.6	14
120	A framework to analyze cerebral mean diffusivity using surface guided diffusion mapping in diffusion tensor imaging. Frontiers in Neuroscience, 2015, 9, 236.	1.4	3
121	Sound Packing DNA: packing open circular DNA with low-intensity ultrasound. Scientific Reports, 2015, 5, 9846.	1.6	3
122	Evaluation of in vivo antitumor effects of ANT2 shRNA delivered using PEI and ultrasound with microbubbles. Gene Therapy, 2015, 22, 325-332.	2.3	20
123	Connectivity analysis of normal and mild cognitive impairment patients based on FDG and PiB-PET images. Neuroscience Research, 2015, 98, 50-58.	1.0	19
124	Structural and Functional Brain Connectivity of People with Obesity and Prediction of Body Mass Index Using Connectivity. PLoS ONE, 2015, 10, e0141376.	1.1	36
125	Planning for selective amygdalohippocampectomy involving less neuronal fiber damage based on brain connectivity using tractography. Neural Regeneration Research, 2015, 10, 1107.	1.6	4
126	Perceived Similarity and Third-Person Effect: Media Coverage of the Shooting Incident at Virginia Polytechnic Institute and State University. Social Behavior and Personality, 2014, 42, 539-550.	0.3	3

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127	Spatially varying regularization of deconvolution in 3D microscopy. Journal of Microscopy, 2014, 255, 94-103.	0.8	3
128	Differences in early and late mild cognitive impairment tractography using a diffusion tensor MRI. NeuroReport, 2014, 25, 1393-1398.	0.6	12
129	Differentiation of solid pancreatic tumors by using dynamic contrast-enhanced MRI. Journal of the Korean Physical Society, 2014, 64, 313-321.	0.3	1
130	Parametric response mapping of dynamic CT as an imaging biomarker to distinguish viability of hepatocellular carcinoma treated with transcatheter arterial chemoembolization. Abdominal Imaging, 2014, 39, 518-525.	2.0	11
131	Sonophoresis in transdermal drug deliverys. Ultrasonics, 2014, 54, 56-65.	2.1	148
132	Parametric response mapping of longitudinal PET scans and their use in detecting changes in Alzheimer's diseases. Biomedical Engineering Letters, 2014, 4, 73-79.	2.1	7
133	Improved explanation of human intelligence using cortical features with second order moments and regression. Computers in Biology and Medicine, 2014, 47, 139-146.	3.9	4
134	Use of arterial to equilibrium enhancement washout to predict viability in liver cancers treated with transcatheter arterial chemoembolization. Journal of the Korean Physical Society, 2013, 62, 1204-1210.	0.3	0
135	Dimensionality reduced cortical features and their use in predicting longitudinal changes in Alzheimer's disease. Neuroscience Letters, 2013, 550, 17-22.	1.0	24
136	Prediction for human intelligence using morphometric characteristics of cortical surface: Partial least square analysis. Neuroscience, 2013, 246, 351-361.	1.1	41
137	Functional alteration patterns of default mode networks: comparisons of normal aging, amnestic mild cognitive impairment and Alzheimer's disease. European Journal of Neuroscience, 2013, 37, 1916-1924.	1.2	57
138	A high-precision angular control system for HIFU calibration. Ultrasonics, 2013, 53, 45-52.	2.1	2
139	Effects of witnessing fat talk on body satisfaction and psychological well-being: A cross-cultural comparison of Korea and the United States. Social Behavior and Personality, 2013, 41, 1279-1295.	0.3	30
140	Synthesis of Laboratory Ultrasound Contrast Agents. Molecules, 2013, 18, 13078-13095.	1.7	11
141	Introducing Parametric Fusion PET/MRI of Primary Prostate Cancer. Journal of Nuclear Medicine, 2012, 53, 546-551.	2.8	72
142	Evaluation of an Automatic Registration-Based Algorithm for Direct Measurement of Volume Change in Tumors. International Journal of Radiation Oncology Biology Physics, 2012, 83, 1038-1046.	0.4	10
143	Dimensionality reduced cortical features and their use in the classification of Alzheimer's disease and mild cognitive impairment. Neuroscience Letters, 2012, 529, 123-127.	1.0	23
144	Sonophoresis Using Ultrasound Contrast Agents for Transdermal Drug Delivery: An InÂVivo Experimental Study. Ultrasound in Medicine and Biology, 2012, 38, 642-650.	0.7	44

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145	ISOMAP induced manifold embedding and its application to Alzheimer's disease and mild cognitive impairment. Neuroscience Letters, 2012, 513, 141-145.	1.0	27
146	Comparison of distance measures for manifold learning: Application to Alzheimer's brain scans. Journal of the Korean Physical Society, 2012, 61, 1148-1155.	0.3	4
147	Value of a probabilistic atlas in medical image segmentation regarding non-rigid registration of abdominal CT scans. Journal of the Korean Physical Society, 2012, 61, 1156-1162.	0.3	1
148	Cortical surface registration using spherical thin-plate spline with sulcal lines and mean curvature as features. Journal of Neuroscience Methods, 2012, 206, 46-53.	1.3	13
149	Investigation on tumor hypoxia in resectable primary prostate cancer as demonstrated by 18F-FAZA PET/CT utilizing multimodality fusion techniques. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 1816-1823.	3.3	48
150	Application of multidimensional scaling to quantify shape in Alzheimer's disease and its correlation with Mini Mental State Examination: A feasibility study. Journal of Neuroscience Methods, 2011, 194, 380-385.	1.3	12
151	Manifold Embedding Induced by Multidimensional Scaling and Its Application to Alzheimer¡?s Disease and Mild Cognitive Impairment. Journal of the Korean Physical Society, 2011, 59, 3414-3421.	0.3	0
152	Construction of Abdominal Probabilistic Atlases and Their Value in Segmentation of Normal Organs in Abdominal CT Scans. IEICE Transactions on Information and Systems, 2010, E93-D, 2291-2301.	0.4	5
153	Validation of Automatic Target Volume Definition as Demonstrated for 11C-Choline PET/CT of Human Prostate Cancer Using Multi-modality Fusion Techniques. Academic Radiology, 2010, 17, 614-623.	1.3	33
154	Transdermal Drug Delivery Aided by an Ultrasound Contrast Agent: An In Vitro Experimental Study. Open Biomedical Engineering Journal, 2010, 4, 56-62.	0.7	27
155	Detection of Aggressive Primary Prostate Cancer with ^{11}C-Choline PET/CT Using Multimodality Fusion Techniques. Journal of Nuclear Medicine, 2009, 50, 1585-1593.	2.8	86
156	Registration Methodology for Histological Sections and In Vivo Imaging of Human Prostate. Academic Radiology, 2008, 15, 1027-1039.	1.3	92
157	Quantitative growth measurement of lesions in hepatic interval CT exams. , 2008, , .		3
158	Local mismatch location and spatial scale detection in image registration. , 2007, , .		0
159	Joint registration of multiple images using entropic graphs. , 2007, , .		0
160	Registration methods for histological slides and ex vivo MRI of prostate. , 2007, , .		4
161	Least Biased Target Selection in Probabilistic Atlas Construction. Lecture Notes in Computer Science, 2005, 8, 419-426.	1.0	53
162	Improved Motion Correction in fMRI by Joint Mapping of Slices into an Anatomical Volume. Lecture Notes in Computer Science, 2004, , 745-751.	1.0	6

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163	Adaptive registration using local information measures. Medical Image Analysis, 2004, 8, 465-473.	7.0	57
164	Construction of an abdominal probabilistic atlas and its application in segmentation. IEEE Transactions on Medical Imaging, 2003, 22, 483-492.	5.4	285
165	Method for quantifying volumetric lesion change in interval liver CT examinations. IEEE Transactions on Medical Imaging, 2003, 22, 776-781.	5.4	13