

Pierrick T Bourgeat

List of Publications by Year in descending order

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Version: 2024-02-01

189
papers

9,429
citations

100601

38
h-index

48101

92
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204
all docs

204
docs citations

204
times ranked

11934
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing Reactive Astrogliosis with ¹⁸ F-SMBT-1 Across the Alzheimer Disease Spectrum. <i>Journal of Nuclear Medicine</i> , 2022, 63, 1560-1569.	2.8	29
2	A novel semiautomated method for background activity and biological tumour volume definition to improve standardisation of 18F-FET PET imaging in glioblastoma. <i>EJNMMI Physics</i> , 2022, 9, 9.	1.3	3
3	Reduced cortical cholinergic innervation measured using [18F]-FEOBV PET imaging correlates with cognitive decline in mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2022, 34, 102992.	1.4	14
4	Plasma p217+tau versus NAV4694 amyloid and MK6240 tau PET across the Alzheimer's continuum. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12307.	1.2	14
5	A Targeted Association Study of Blood-Brain Barrier Gene SNPs and Brain Atrophy. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-13.	1.2	0
6	Mesial temporal tau in amyloid- β -negative cognitively normal older persons. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 51.	3.0	12
7	Comprehensive analysis of epigenetic clocks reveals associations between disproportionate biological ageing and hippocampal volume. <i>GeroScience</i> , 2022, 44, 1807-1823.	2.1	19
8	Cerebrospinal Fluid Neurofilament Light Predicts Risk of Dementia Onset in Cognitively Healthy Individuals and Rate of Cognitive Decline in Mild Cognitive Impairment: A Prospective Longitudinal Study. <i>Biomedicine</i> , 2022, 10, 1045.	1.4	1
9	Assessment of a polygenic hazard score for the onset of pre-clinical Alzheimer's disease. <i>BMC Genomics</i> , 2022, 23, .	1.2	1
10	Systemic perturbations of the kynurenine pathway precede progression to dementia independently of amyloid- β . <i>Neurobiology of Disease</i> , 2022, 171, 105783.	2.1	5
11	Visually Identified Tau 18F-MK6240 PET Patterns in Symptomatic Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-11.	1.2	7
12	Association of β -Amyloid Level, Clinical Progression, and Longitudinal Cognitive Change in Normal Older Individuals. <i>Neurology</i> , 2021, 96, e662-e670.	1.5	34
13	Detail Matters: High-Frequency Content for Realistic Synthetic MRI Generation. <i>Lecture Notes in Computer Science</i> , 2021, , 3-13.	1.0	1
14	Non-negative matrix factorisation improves Centiloid robustness in longitudinal studies. <i>NeuroImage</i> , 2021, 226, 117593.	2.1	15
15	Going Deeper With Brain Morphometry Using Neural Networks. , 2021, , .		4
16	Core Alzheimer's disease cerebrospinal fluid biomarker assays are not affected by aspiration or gravity drip extraction methods. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 79.	3.0	0
17	SA-LuT-Nets: Learning Sample-Adaptive Intensity Lookup Tables for Brain Tumor Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1417-1427.	5.4	22
18	Fifteen Years of the Australian Imaging, Biomarkers and Lifestyle (AIBL) Study: Progress and Observations from 2,359 Older Adults Spanning the Spectrum from Cognitive Normality to Alzheimer's Disease. <i>Journal of Alzheimer's Disease Reports</i> , 2021, 5, 443-468.	1.2	59

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19	Longitudinal Trajectories in Cortical Thickness and Volume Atrophy: Superior Cognitive Performance Does Not Protect Against Brain Atrophy in Older Adults. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1039-1052.	1.2	2
20	DeepCSR: A 3D Deep Learning Approach for Cortical Surface Reconstruction. , 2021, , .		23
21	Relationship between amyloid and tau levels and its impact on tau spreading. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2225-2232.	3.3	30
22	Higher Coffee Consumption Is Associated With Slower Cognitive Decline and Less Cerebral A β -Amyloid Accumulation Over 126 Months: Data From the Australian Imaging, Biomarkers, and Lifestyle Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 744872.	1.7	17
23	Using imputation to provide harmonized longitudinal measures of cognition across AIBL and ADNI. <i>Scientific Reports</i> , 2021, 11, 23788.	1.6	16
24	Increased cerebral blood flow with increased amyloid burden in the preclinical phase of alzheimer's disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 505-513.	1.9	35
25	Cognitive reserve predicts future executive function decline in older adults with Alzheimer's disease pathology but not age-associated pathology. <i>Neurobiology of Aging</i> , 2020, 88, 119-127.	1.5	19
26	Risk prediction of late-onset Alzheimer's disease implies an oligogenic architecture. <i>Nature Communications</i> , 2020, 11, 4799.	5.8	110
27	Simultaneous super-resolution and contrast synthesis of routine clinical magnetic resonance images of the knee for improving automatic segmentation of joint cartilage: data from the Osteoarthritis Initiative. <i>Medical Physics</i> , 2020, 47, 4939-4948.	1.6	6
28	Improved centiloid robustness using non-negative matrix factorization. <i>Alzheimer's and Dementia</i> , 2020, 16, e040085.	0.4	0
29	Limited cerebral microbleeds effect on regional magnetic susceptibility measured by MRI. <i>Alzheimer's and Dementia</i> , 2020, 16, e044125.	0.4	0
30	Basal forebrain atrophy and tau pathology are correlated in prodromal AD. <i>Alzheimer's and Dementia</i> , 2020, 16, e046111.	0.4	0
31	Restricted Effect of Cerebral Microbleeds on Regional Magnetic Susceptibility. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 571-577.	1.2	6
32	Impact of APOE- ϵ 4 carriage on the onset and rates of neocortical A β -amyloid deposition. <i>Neurobiology of Aging</i> , 2020, 95, 46-55.	1.5	32
33	Cerebrospinal fluid neurofilament light concentration predicts brain atrophy and cognition in Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12005.	1.2	35
34	Bayesian modeling of multiple structural connectivity networks during the progression of Alzheimer's disease. <i>Biometrics</i> , 2020, 76, 1120-1132.	0.8	9
35	Sample-Adaptive GANs: Linking Global and Local Mappings for Cross-Modality MR Image Synthesis. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2339-2350.	5.4	22
36	Predicting motor outcome in preterm infants from very early brain diffusion MRI using a deep learning convolutional neural network (CNN) model. <i>NeuroImage</i> , 2020, 215, 116807.	2.1	41

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37	3D Brain MRI GAN-Based Synthesis Conditioned on Partial Volume Maps. Lecture Notes in Computer Science, 2020, , 11-20.	1.0	4
38	Learning Sample-Adaptive Intensity Lookup Table for Brain Tumor Segmentation. Lecture Notes in Computer Science, 2020, , 216-226.	1.0	7
39	Comorbidity of Cerebrovascular and Alzheimer's Disease in Aging. Journal of Alzheimer's Disease, 2020, 78, 321-334.	1.2	4
40	Ea-GANs: Edge-Aware Generative Adversarial Networks for Cross-Modality MR Image Synthesis. IEEE Transactions on Medical Imaging, 2019, 38, 1750-1762.	5.4	158
41	Comparison of ¹⁸ F-florbetaben quantification results using the standard Centiloid, MR-based, and MR-less CapAIBL approaches: Validation against histopathology. Alzheimer's and Dementia, 2019, 15, 807-816.	0.4	50
42	ICP004: CORRECTING FOR PET SCANNER CHANGES IN LONGITUDINAL STUDIES. Alzheimer's and Dementia, 2019, 15, P15.	0.4	0
43	Identification of Functional Connectivity Features in Depression Subtypes Using a Data-Driven Approach. Lecture Notes in Computer Science, 2019, , 96-103.	1.0	0
44	KIBRA is associated with accelerated cognitive decline and hippocampal atrophy in APOE ϵ 4-positive cognitively normal adults with high A β -amyloid burden. Scientific Reports, 2018, 8, 2034.	1.6	31
45	Neuropsychology and neuroimaging profiles of amyloid-positive versus amyloid-negative amnesic mild cognitive impairment patients. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2018, 10, 269-277.	1.2	16
46	ICP091: TAU, A β -AMYLOID, BRAIN STRUCTURE AND COGNITIVE FUNCTION FOLLOWING SERVICE-RELATED TRAUMATIC BRAIN INJURY IN AUSTRALIAN VIETNAM WAR VETERANS. Alzheimer's and Dementia, 2018, 14, P76.	0.4	0
47	ICP225: PARTIAL VOLUME CORRECTION USING EITHER PMOD OR CAPAIBL DOES LITTLE TO IMPROVE ¹⁸ F-AV1451 PET QUANTIFICATION. Alzheimer's and Dementia, 2018, 14, P183.	0.4	0
48	A Framework to Objectively Identify Reference Regions for Normalizing Quantitative Imaging. Lecture Notes in Computer Science, 2018, , 65-72.	1.0	1
49	Data Augmentation Using Synthetic Lesions Improves Machine Learning Detection of Microbleeds from MRI. Lecture Notes in Computer Science, 2018, , 12-19.	1.0	4
50	3D cGAN based cross-modality MR image synthesis for brain tumor segmentation. , 2018, , .		53
51	Implementing the centiloid transformation for 11C-PiB and β -amyloid 18F-PET tracers using CapAIBL. NeuroImage, 2018, 183, 387-393.	2.1	94
52	Effect of APOE Genotype on Amyloid Deposition, Brain Volume, and Memory in Cognitively Normal Older Individuals. Journal of Alzheimer's Disease, 2017, 58, 1293-1302.	1.2	35
53	BDNF Val66Met in preclinical Alzheimer's disease is associated with short-term changes in episodic memory and hippocampal volume but not serum mBDNF. International Psychogeriatrics, 2017, 29, 1825-1834.	0.6	21
54	Partial volume model for brain MRI scan using MP2RAGE. Human Brain Mapping, 2017, 38, 5115-5127.	1.9	9

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55	[O3â€“09â€“01]: IMPLEMENTING THE CENTILOID TRANSFORMATION FOR ¹⁸ Fâ€“FLORBETABEN AND ¹⁸ Fâ€“NAV4694 USING CAPAIBL. Alzheimer's and Dementia, 2017, 13, P920.	0.4	1
56	A randomized, exploratory molecular imaging study targeting amyloid β^2 with a novel 8â€“OH quinoline in Alzheimer's disease: The PBT2â€“204 IMAGINE study. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2017, 3, 622-635.	1.8	59
57	[ICâ€“Pâ€“175]: 18Fâ€“AV1451 TAU QUANTIFICATION WITHOUT MRI. Alzheimer's and Dementia, 2017, 13, P130.	0.4	0
58	A normalisation framework for quantitative brain imaging; application to quantitative susceptibility mapping. , 2017, , .		3
59	PET-only 18F-AV1451 tau quantification. , 2017, , .		1
60	A β^2 -amyloid and Tau Imaging in Dementia. Seminars in Nuclear Medicine, 2017, 47, 75-88.	2.5	96
61	[P3â€“358]: SELECTIVE AGEâ€“ASSOCIATION OF HIPPOCAMPAL SUBFIELDS IN COGNITIVELY HEALTHY ELDERLY. Alzheimer's and Dementia, 2017, 13, P1093.	0.4	0
62	[ICâ€“Pâ€“158]: IMPLEMENTING THE CENTILOID TRANSFORMATION FOR ¹⁸ Fâ€“FLORBETABEN AND ¹⁸ Fâ€“NAV4694 USING CAPAIBL. Alzheimer's and Dementia, 2017, 13, P120.	0.4	0
63	[ICâ€“Pâ€“162]: COMPARISON OF ¹⁸ Fâ€“FLORBETABEN QUANTIFICATION RESULTS USING MRâ€“BASED AND MRâ€“LESS CAPAIBL: VALIDATION AGAINST HISTOPATHOLOGY. Alzheimer's and Dementia, 2017, 13, P123.	0.4	1
64	[P4â€“561]: MEDITERRANEAN DIET ADHERENCE IS ASSOCIATED WITH ATTENUATED CORTICAL THINNING IN AN AUSTRALIAN STUDY OF AGEING. Alzheimer's and Dementia, 2017, 13, P1567.	0.4	0
65	[P1â€“444]: QUANTITATIVE SUSCEPTIBILITY MAPPING OF THE HIPPOCAMPUS PREDICTS HIPPOCAMPAL ATROPHY IN A β^2 + ELDERLY CONTROLS AND ALZHEIMER'S DISEASE PATIENTS. Alzheimer's and Dementia, 2017, 13, P454.	0.4	2
66	Cerebral quantitative susceptibility mapping predicts amyloid- β^2 -related cognitive decline. Brain, 2017, 140, 2112-2119.	3.7	213
67	Subjective Memory Complaints in APOE ϵ 4 Carriers are Associated with High Amyloid- β^2 Burden. Journal of Alzheimer's Disease, 2016, 49, 1115-1122.	1.2	45
68	Automated segmentation and T2-mapping of the posterior cruciate ligament from MRI of the knee: Data from the osteoarthritis initiative. , 2016, , .		3
69	P1â€“312: Iron and Amyloid Depositions are Positively Related in Nonâ€“Demented Individuals. Alzheimer's and Dementia, 2016, 12, P542.	0.4	2
70	O4-07-06: Revisiting, Revising and Refining the Natural History of Ab Deposition and its Effects on Neurodegeneration and Cognitive Decline in Sporadic Alzheimer's Disease. , 2016, 12, P350-P351.		1
71	A β^2 -related memory decline in <i>APOE</i> ϵ 4 noncarriers. Neurology, 2016, 86, 1635-1642.	1.5	37
72	Performance on the Cogstate Brief Battery Is Related to Amyloid Levels and Hippocampal Volume in Very Mild Dementia. Journal of Molecular Neuroscience, 2016, 60, 362-370.	1.1	14

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73	Clinical and cognitive trajectories in cognitively healthy elderly individuals with suspected non-Alzheimer's disease pathophysiology (SNAP) or Alzheimer's disease pathology: a longitudinal study. <i>Lancet Neurology</i> , The, 2016, 15, 1044-1053.	4.9	175
74	Anatomical hubs from spectral clustering of structural connectomes. , 2016, , .		0
75	CapAIBL: Automated Reporting of Cortical PET Quantification Without Need of MRI on Brain Surface Using a Patch-Based Method. <i>Lecture Notes in Computer Science</i> , 2016, , 109-116.	1.0	6
76	Sensitivity of composite scores to amyloid burden in preclinical Alzheimer's disease: Introducing the Zâ€šcores of Attention, Verbal fluency, and Episodic memory for Nondemented older adults composite score. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 2, 19-26.	1.2	72
77	Statistical machine learning to identify traumatic brain injury (TBI) from structural disconnections of white matter networks. <i>NeuroImage</i> , 2016, 129, 247-259.	2.1	56
78	Subjective memory decline predicts greater rates of clinical progression in preclinical Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016, 12, 796-804.	0.4	135
79	Alzheimer's Disease and the Early Signs of Age-Related Macular Degeneration. <i>Current Alzheimer Research</i> , 2016, 13, 1259-1266.	0.7	42
80	IC-P-169: BDNF, AÎ², and cortical atrophy in preclinical Alzheimer's disease. , 2015, 11, P112-P113.		0
81	P4-266: Decreases in cerebral blood flow are associated with AÎ² status in preclinical Alzheimer's disease. , 2015, 11, P886-P886.		0
82	O1â€š01â€š02: The cognitive and brain volumetric trajectories of healthy elderly controls with either Alzheimer's pathology, neurodegeneration (SNAP), or both. <i>Alzheimer's and Dementia</i> , 2015, 11, P123.	0.4	1
83	Computational analysis of PET by AIBL (CapAIBL): a cloud-based processing pipeline for the quantification of PET images. <i>Proceedings of SPIE</i> , 2015, , .	0.8	8
84	Expectation-Maximization with Image-Weighted Markov Random Fields to Handle Severe Pathology. , 2015, , .		2
85	O5-01-03: Interaction between 18 F-THK5317, 18 F-flutemetamol SUVR, and cortical thickness. , 2015, 11, P313-P313.		1
86	Computer-aided detection of cerebral microbleeds in susceptibility-weighted imaging. <i>Computerized Medical Imaging and Graphics</i> , 2015, 46, 269-276.	3.5	35
87	Comparison of MR-less PiB SUVR quantification methods. <i>Neurobiology of Aging</i> , 2015, 36, S159-S166.	1.5	96
88	Relationships Between Performance on the Cogstate Brief Battery, Neurodegeneration, and AÎ² Accumulation in Cognitively Normal Older Adults and Adults with MCI. <i>Archives of Clinical Neuropsychology</i> , 2015, 30, 49-58.	0.3	40
89	Reproducibility of multiphase pseudo-continuous arterial spin labeling and the effect of post-processing analysis methods. <i>NeuroImage</i> , 2015, 117, 191-201.	2.1	22
90	STroke imAging pRevention and Treatment (START): A Longitudinal Stroke Cohort Study: Clinical Trials Protocol. <i>International Journal of Stroke</i> , 2015, 10, 636-644.	2.9	24

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91	Assessing atrophy measurement techniques in dementia: Results from the MIRIAD atrophy challenge. <i>NeuroImage</i> , 2015, 123, 149-164.	2.1	63
92	Decreased Platelet APP Isoform Ratios in Autosomal Dominant Alzheimer's Disease: Baseline Data from a DIAN Cohort Subset. <i>Current Alzheimer Research</i> , 2015, 12, 157-164.	0.7	10
93	MR-Less Surface-Based Amyloid Assessment Based on 11C PiB PET. <i>PLoS ONE</i> , 2014, 9, e84777.	1.1	43
94	Effect of BDNF Val66Met on Memory Decline and Hippocampal Atrophy in Prodromal Alzheimer's Disease: A Preliminary Study. <i>PLoS ONE</i> , 2014, 9, e86498.	1.1	75
95	Early Prediction of Treatment Response in Advanced Gliomas with 18F-dopa Positron-Emission Tomography. <i>Current Oncology</i> , 2014, 21, 172-178.	0.9	8
96	Assessing local outcomes in heterogeneous gliomas. <i>Journal of Physics: Conference Series</i> , 2014, 489, 012073.	0.3	1
97	O3-13-01: RETINAL AMYLOID FLUORESCENCE IMAGING PREDICTS CEREBRAL AMYLOID BURDEN AND ALZHEIMER'S DISEASE. , 2014, 10, P234-P235.		25
98	Distance informed Track-Weighted Imaging (diTWI): A framework for sensitising streamline information to neuropathology. <i>NeuroImage</i> , 2014, 86, 60-66.	2.1	3
99	Efficient machine learning framework for computer-aided detection of cerebral microbleeds using the Radon transform. , 2014, , .		21
100	Influence of <i>BDNF</i> Val66Met on the relationship between physical activity and brain volume. <i>Neurology</i> , 2014, 83, 1345-1352.	1.5	58
101	Amorphous Regions-of-Interest Projection Method for Simplified Longitudinal Comparison of Dynamic Regions in Cancer Imaging. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 264-272.	2.5	1
102	Lesion segmentation from multimodal MRI using random forest following ischemic stroke. <i>NeuroImage</i> , 2014, 98, 324-335.	2.1	139
103	A blood-based predictor for neocortical A β burden in Alzheimer's disease: results from the AIBL study. <i>Molecular Psychiatry</i> , 2014, 19, 519-526.	4.1	108
104	P1-257: DOES ENHANCED RECONSTRUCTION METHODOLOGY CHANGE THE QUANTIFICATION OF AMYLOID PET WITH FLUMETAMOL?. , 2014, 10, P401-P402.		1
105	Contribution of FDOPA PET to radiotherapy planning for advanced glioma. <i>Journal of Physics: Conference Series</i> , 2014, 489, 012028.	0.3	1
106	Automatic detection of small spherical lesions using multiscale approach in 3D medical images. , 2013, , .		5
107	Predicting Alzheimer disease with β -amyloid imaging: Results from the Australian imaging, biomarkers, and lifestyle study of ageing. <i>Annals of Neurology</i> , 2013, 74, 905-913.	2.8	194
108	Amyloid β deposition, neurodegeneration, and cognitive decline in sporadic Alzheimer's disease: a prospective cohort study. <i>Lancet Neurology</i> , The, 2013, 12, 357-367.	4.9	1,738

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109	BDNF Val66Met, A β ² amyloid, and cognitive decline in preclinical Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013, 34, 2457-2464.	1.5	109
110	Cross-sectional and Longitudinal Analysis of the Relationship Between A β ² Deposition, Cortical Thickness, and Memory in Cognitively Unimpaired Individuals and in Alzheimer Disease. <i>JAMA Neurology</i> , 2013, 70, 903.	4.5	170
111	MilxXplore: a web-based system to explore large imaging datasets. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 1046-1052.	2.2	8
112	Correlation of MRI-Derived Apparent Diffusion Coefficients in Newly Diagnosed Gliomas with [¹⁸ F]-Fluoro-L-Dopa PET: What Are We Really Measuring with Minimum ADC?. <i>American Journal of Neuroradiology</i> , 2013, 34, 758-764.	1.2	51
113	Retinal vascular biomarkers for early detection and monitoring of Alzheimer's disease. <i>Translational Psychiatry</i> , 2013, 3, e233-e233.	2.4	230
114	Pupil Response Biomarkers for Early Detection and Monitoring of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2013, 10, 931-939.	0.7	26
115	Regional dynamics of amyloid- β ² deposition in healthy elderly, mild cognitive impairment and Alzheimer's disease: a voxelwise PiB+ PET longitudinal study. <i>Brain</i> , 2012, 135, 2126-2139.	3.7	222
116	A surface based approach for cortical thickness comparison between PiB+ and PiB- healthy control subjects. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
117	Consistent estimation of shape parameters in statistical shape model by symmetric EM algorithm. <i>Proceedings of SPIE</i> , 2012, , .	0.8	3
118	Detecting global and local hippocampal shape changes in Alzheimer's disease using statistical shape models. <i>NeuroImage</i> , 2012, 59, 2155-2166.	2.1	82
119	Constrained reverse diffusion for thick slice interpolation of 3D volumetric MRI images. <i>Computerized Medical Imaging and Graphics</i> , 2012, 36, 130-138.	3.5	6
120	Cortical surface mapping using topology correction, partial flattening and 3D shape context-based non-rigid registration for use in quantifying atrophy in Alzheimer's disease. <i>Journal of Neuroscience Methods</i> , 2012, 205, 96-109.	1.3	17
121	MR-Less Surface-Based Amyloid Estimation by Subject-Specific Atlas Selection and Bayesian Fusion. <i>Lecture Notes in Computer Science</i> , 2012, 15, 220-227.	1.0	2
122	Surface-Base Approach Using a Multi-scale EM-ICP Registration for Statistical Population Analysis. , 2011, , .		4
123	Automatic Brain Tumour Segmentation in 18F-FDOPA PET Using PET/MRI Fusion. , 2011, , .		1
124	Independent contribution of temporal β ² -amyloid deposition to memory decline in the pre-dementia phase of Alzheimer's disease. <i>Brain</i> , 2011, 134, 798-807.	3.7	132
125	Advances in structural and molecular neuroimaging in Alzheimer's disease. <i>Medical Journal of Australia</i> , 2011, 194, S20-3.	0.8	5
126	Increasing the Predictive Accuracy of Amyloid- β ² Blood-Borne Biomarkers in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 24, 47-59.	1.2	16

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127	Longitudinal assessment of A β and cognition in aging and Alzheimer disease. <i>Annals of Neurology</i> , 2011, 69, 181-192.	2.8	730
128	Detecting hippocampal shape changes in Alzheimer's disease using statistical shape models. , 2011, , .		0
129	Local intensity model: An outlier detection framework with applications to white matter hyperintensity segmentation. , 2011, , .		5
130	Atlas selection strategy using least angle regression in multi-atlas segmentation propagation. , 2011, , .		4
131	Mouse whole-body organ mapping by non-rigid registration approach. <i>Proceedings of SPIE</i> , 2011, , .	0.8	6
132	Atlas selection strategy in multi-atlas segmentation propagation with locally weighted voting using diversity-based MMR re-ranking. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
133	An accurate 3D shape context based non-rigid registration method for mouse whole-body skeleton registration. , 2011, , .		2
134	Relationship between atrophy and β -amyloid deposition in Alzheimer disease. <i>Annals of Neurology</i> , 2010, 67, 317-324.	2.8	322
135	A non-rigid registration method for mouse whole body skeleton registration. , 2010, , .		2
136	Diagnostic value of 8.5%T magnetic resonance spectroscopy of benign and malignant skin lesion biopsies. <i>Melanoma Research</i> , 2010, 20, 311-317.	0.6	7
137	Topology-corrected segmentation and local intensity estimates for improved partial volume classification of brain cortex in MRI. <i>Journal of Neuroscience Methods</i> , 2010, 188, 305-315.	1.3	26
138	An improved 3D shape context based non-rigid registration method and its application to small animal skeletons registration. <i>Computerized Medical Imaging and Graphics</i> , 2010, 34, 321-332.	3.5	18
139	β -Amyloid burden in the temporal neocortex is related to hippocampal atrophy in elderly subjects without dementia. <i>Neurology</i> , 2010, 74, 121-127.	1.5	209
140	3D shape context surface registration for cortical mapping. , 2010, , .		6
141	Larger temporal volume in elderly with high versus low beta-amyloid deposition. <i>Brain</i> , 2010, 133, 3349-3358.	3.7	130
142	An improved 3D shape context registration method for non-rigid surface registration. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
143	Supervised method to build an atlas database for multi-atlas segmentation-propagation. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
144	Amyloid imaging results from the Australian Imaging, Biomarkers and Lifestyle (AIBL) study of aging. <i>Neurobiology of Aging</i> , 2010, 31, 1275-1283.	1.5	885

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145	Blood-Borne Amyloid- β Dimer Correlates with Clinical Markers of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2010, 30, 6315-6322.	1.7	70
146	IC-01-03: Larger temporal volume in asymptomatic elderly with high versus low beta-amyloid deposition. , 2010, 6, S2-S3.		1
147	MILXView: A Medical Imaging, Analysis and Visualization Platform. <i>International Federation for Information Processing</i> , 2010, , 177-186.	0.4	7
148	Increasing Power to Predict Mild Cognitive Impairment Conversion to Alzheimer's Disease Using Hippocampal Atrophy Rate and Statistical Shape Models. <i>Lecture Notes in Computer Science</i> , 2010, 13, 125-132.	1.0	18
149	Joint Factor and Kinetic Analysis of Dynamic FDOPA PET Scans of Brain Cancer Patients. <i>Lecture Notes in Computer Science</i> , 2010, 13, 185-192.	1.0	2
150	Sci-Sat AM(1): Planning - 05: Feasibility of Atlas-Based Organ Segmentation and Electron Density Mapping for MRI-Based Prostate Radiation Therapy Planning. <i>Medical Physics</i> , 2010, 37, 3907-3907.	1.6	1
151	Diversity in the Glucose Transporter-4 Gene (SLC2A4) in Humans Reflects the Action of Natural Selection along the Old-World Primates Evolution. <i>PLoS ONE</i> , 2010, 5, e9827.	1.1	9
152	Non-rigid registration of small animal skeletons from micro-CT using 3D shape context. <i>Proceedings of SPIE</i> , 2009, , .	0.8	4
153	Nonrigid correction of interleaving artefacts in pelvic MRI. , 2009, , .		4
154	Alzheimer's disease detection using ¹¹ C-PiB with improved partial volume effect correction. <i>Proceedings of SPIE</i> , 2009, , .	0.8	1
155	Automated voxel-based 3D cortical thickness measurement in a combined Lagrangian-Eulerian PDE approach using partial volume maps. <i>Medical Image Analysis</i> , 2009, 13, 730-743.	7.0	88
156	Automated segmentation of the menisci from MR images. , 2009, , .		8
157	Partial volume estimation of brain cortex from MRI using topology-corrected segmentation. , 2009, , .		4
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