

Konstantinos Arfanakis

List of Publications by Year in descending order

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Version: 2024-02-01

155
papers

9,500
citations

61984

43
h-index

43889

91
g-index

165
all docs

165
docs citations

165
times ranked

14298
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex Profiles of Cerebrovascular Disease Pathologies in the Aging Brain and Their Relationship With Cognitive Decline. <i>Stroke</i> , 2022, 53, 218-227.	2.0	14
2	Associations of deformation-based brain morphometry with cognitive level and decline within older Blacks without dementia. <i>Neurobiology of Aging</i> , 2022, 111, 35-43.	3.1	4
3	Development and evaluation of a high resolution 0.5mm isotropic T1-weighted template of the older adult brain. <i>NeuroImage</i> , 2022, 248, 118869.	4.2	6
4	Relationship of Blood Pressure and White Matter Hyperintensity Burden With Level of and Change in Cognition in Older Black Adults. <i>Psychosomatic Medicine</i> , 2022, 84, 437-445.	2.0	5
5	Vasulocentric Axonal NfH in Small Vessel Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2022, 81, 182-192.	1.7	3
6	Neuropathology of Vascular Brain Health: Insights From Ex Vivo Magnetic Resonance Imaging—Histopathology Studies in Cerebral Small Vessel Disease. <i>Stroke</i> , 2022, 53, 404-415.	2.0	22
7	Instrumental validation of free water, peak width of skeletonized mean diffusivity, and white matter hyperintensities: MarkVCID neuroimaging kits. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12261.	2.4	25
8	Limbic-predominant age-related TDP-43 encephalopathy neuropathological change (LATE-NC) is associated with lower R2 relaxation rate: an ex-vivo MRI and pathology investigation. <i>Neurobiology of Aging</i> , 2022, 117, 128-138.	3.1	4
9	A predictive model using the mesoscopic architecture of the living brain to detect Alzheimer's disease. <i>Communications Medicine</i> , 2022, 2, .	4.2	12
10	Retinal arteriolar parameters as a surrogate marker of intracranial vascular pathology. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, .	2.4	0
11	Development of high quality T1-weighted and diffusion tensor templates of the older adult brain in a common space. <i>NeuroImage</i> , 2022, 260, 119417.	4.2	4
12	Self-reported experiences of discrimination in older black adults are associated with insula functional connectivity. <i>Brain Imaging and Behavior</i> , 2021, 15, 1718-1727.	2.1	20
13	Regionconnect: Rapidly extracting standardized brain connectivity information in voxel-wise neuroimaging studies. <i>NeuroImage</i> , 2021, 225, 117462.	4.2	22
14	ARTS: A novel In-vivo classifier of arteriolosclerosis for the older adult brain. <i>NeuroImage: Clinical</i> , 2021, 31, 102768.	2.7	10
15	Limbic-predominant age-related TDP-43 encephalopathy neuropathologic change and microvascular pathologies in community-dwelling older persons. <i>Brain Pathology</i> , 2021, 31, e12939.	4.1	26
16	Mediterranean-DASH Intervention for Neurodegenerative Delay (MIND) study: Rationale, design and baseline characteristics of a randomized control trial of the MIND diet on cognitive decline. <i>Contemporary Clinical Trials</i> , 2021, 102, 106270.	1.8	53
17	To what degree is late life cognitive decline driven by age-related neuropathologies?. <i>Brain</i> , 2021, 144, 2166-2175.	7.6	91
18	The "cognitive clock": A novel indicator of brain health. <i>Alzheimer's and Dementia</i> , 2021, 17, 1923-1937.	0.8	6

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19	Vitamin D Intake and Brain Cortical Thickness in Community-Dwelling Overweight Older Adults: A Cross-Sectional Study. <i>Journal of Nutrition</i> , 2021, 151, 2760-2767.	2.9	8
20	Physical activity, brain tissue microstructure, and cognition in older adults. <i>PLoS ONE</i> , 2021, 16, e0253484.	2.5	5
21	Bootstrap approach for meta-synthesis of MRI findings from multiple scanners. <i>Journal of Neuroscience Methods</i> , 2021, 360, 109229.	2.5	1
22	The association of Lewy bodies with limbic-predominant age-related TDP-43 encephalopathy neuropathologic changes and their role in cognition and Alzheimer's dementia in older persons. <i>Acta Neuropathologica Communications</i> , 2021, 9, 156.	5.2	20
23	Development and evaluation of a high performance T1-weighted brain template for use in studies on older adults. <i>Human Brain Mapping</i> , 2021, 42, 1758-1776.	3.6	16
24	MarkVCID cerebral small vessel consortium: II. Neuroimaging protocols. <i>Alzheimer's and Dementia</i> , 2021, 17, 716-725.	0.8	45
25	Association of White Matter Hyperintensities With Pathology and Progression of Parkinsonism in Aging. <i>JAMA Neurology</i> , 2021, 78, 1494.	9.0	15
26	White matter correlates of scam susceptibility in community-dwelling older adults. <i>Brain Imaging and Behavior</i> , 2020, 14, 1521-1530.	2.1	11
27	Neuropathologic Correlates of White Matter Hyperintensities in a Community-Based Cohort of Older Adults. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 333-345.	2.6	44
28	Contribution of TDP and hippocampal sclerosis to hippocampal volume loss in older-old persons. <i>Neurology</i> , 2020, 94, e142-e152.	1.1	35
29	Common Brain Structural Alterations Associated with Cardiovascular Disease Risk Factors and Alzheimer's Dementia: Future Directions and Implications. <i>Neuropsychology Review</i> , 2020, 30, 546-557.	4.9	31
30	Neuropathologic and Cognitive Correlates of Enlarged Perivascular Spaces in a Community-Based Cohort of Older Adults. <i>Stroke</i> , 2020, 51, 2825-2833.	2.0	28
31	Hippocampal subfield deformation shows unique patterns associated with amyloid β , TDP ϵ 43, and PHF τ burden. <i>Alzheimer's and Dementia</i> , 2020, 16, e039864.	0.8	0
32	Associations of automatically segmented enlarged perivascular spaces with neuropathology and cognitive decline in a community cohort of older adults. <i>Alzheimer's and Dementia</i> , 2020, 16, e039938.	0.8	0
33	A longitudinal structural brain MRI template for non-demented older adults. <i>Alzheimer's and Dementia</i> , 2020, 16, e041030.	0.8	0
34	Multi-channel IIT and Rush University Aging (MITRA) Atlas: Development and evaluation of multimodal templates of the older adult brain. <i>Alzheimer's and Dementia</i> , 2020, 16, e041276.	0.8	0
35	Cognitive decline prediction using an MRI-based classifier of arteriolar sclerosis and small vessel atherosclerosis. <i>Alzheimer's and Dementia</i> , 2020, 16, e041563.	0.8	2
36	External validation of an MRI-based classifier of arteriolar sclerosis. <i>Alzheimer's and Dementia</i> , 2020, 16, e041572.	0.8	1

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37	Development and evaluation of 0.5 mm isotropic resolution T1-weighted and DTI templates of the older adult brain. <i>Alzheimer's and Dementia</i> , 2020, 16, e043213.	0.8	0
38	The role of dietary fatty acids intake in the association between cortical thickness and global cognitive function: The MIND trial. <i>Alzheimer's and Dementia</i> , 2020, 16, e045260.	0.8	0
39	Neocortical-type Lewy bodies and limbic-predominant age-related TDP-43 encephalopathy neuropathologic change in community-dwelling older persons. <i>Alzheimer's and Dementia</i> , 2020, 16, e047449.	0.8	1
40	Cortical Proteins Associated With Cognitive Resilience in Community-Dwelling Older Persons. <i>JAMA Psychiatry</i> , 2020, 77, 1172.	11.0	70
41	Late-life cognitive decline is associated with hippocampal volume, above and beyond its associations with traditional neuropathologic indices. <i>Alzheimer's and Dementia</i> , 2020, 16, 209-218.	0.8	40
42	Gene expression and DNA methylation are extensively coordinated with MRI-based brain microstructural characteristics. <i>Brain Imaging and Behavior</i> , 2019, 13, 963-972.	2.1	24
43	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019, 2, 285.	4.4	27
44	Reply: LATE to the PART-y. <i>Brain</i> , 2019, 142, e48-e48.	7.6	11
45	Microstructural changes in the brain mediate the association of AK4, IGFBP5, HSPB2, and ITPK1 with cognitive decline. <i>Neurobiology of Aging</i> , 2019, 84, 17-25.	3.1	11
46	Non-coding variability at the APOE locus contributes to the Alzheimer's risk. <i>Nature Communications</i> , 2019, 10, 3310.	12.8	91
47	Human Hippocampal Neurogenesis Persists in Aged Adults and Alzheimer's Disease Patients. <i>Cell Stem Cell</i> , 2019, 24, 974-982.e3.	11.1	389
48	Antiphospholipid Antibodies: Cognitive and Motor Decline, Neuroimaging and Neuropathology. <i>Neuroepidemiology</i> , 2019, 53, 100-107.	2.3	6
49	The BIN1 rs744373 SNP is associated with increased tau-PET levels and impaired memory. <i>Nature Communications</i> , 2019, 10, 1766.	12.8	68
50	Limbic-predominant age-related TDP-43 encephalopathy (LATE): consensus working group report. <i>Brain</i> , 2019, 142, 1503-1527.	7.6	873
51	Associations of amygdala volume and shape with transactive response DNA-binding protein 43 (TDP-43) pathology in a community cohort of older adults. <i>Neurobiology of Aging</i> , 2019, 77, 104-111.	3.1	27
52	A Novel Joint Brain Network Analysis Using Longitudinal Alzheimer's Disease Data. <i>Scientific Reports</i> , 2019, 9, 19589.	3.3	14
53	Sedentary Time and White Matter Hyperintensity Volume in Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1613-1618.	0.4	22
54	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192

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55	Impaired olfaction is associated with cognitive decline and neurodegeneration in the brain. <i>Neurology</i> , 2019, 92, e700-e709.	1.1	131
56	In vivo hippocampal subfield shape related to TDP-43, amyloid beta, and tau pathologies. <i>Neurobiology of Aging</i> , 2019, 74, 171-181.	3.1	21
57	Accelerometer Physical Activity is Associated with Greater Gray Matter Volumes in Older Adults Without Dementia or Mild Cognitive Impairment. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2019, 74, 1142-1151.	3.9	33
58	Evaluation of standardized and study-specific diffusion tensor imaging templates of the adult human brain: Template characteristics, spatial normalization accuracy, and detection of small inter-group FA differences. <i>NeuroImage</i> , 2018, 172, 40-50.	4.2	76
59	P3â€428: A BIOMARKER FOR ARTERIOLAR SCLEROSIS BASED ON MRIâ€DERIVED FEATURES. <i>Alzheimer's and Dementia</i> , 2018, 14, P1274.	0.8	0
60	P2â€475: NEUROPATHOLOGIC CORRELATES OF ENLARGED PERIVASCULAR SPACES IN A COMMUNITY COHORT OF OLDER ADULTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P906.	0.8	0
61	P2â€393: EVALUATION OF STANDARDIZED T1â€WEIGHTED BRAIN TEMPLATES FOR USE IN STUDIES ON OLDER ADULTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P852.	0.8	0
62	P2â€474: MAGNETIC SUSCEPTIBILITY OF THE HUMAN BRAIN IS ASSOCIATED WITH AGEâ€RELATED NEUROPATHOLOGY. <i>Alzheimer's and Dementia</i> , 2018, 14, P904.	0.8	0
63	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018, 9, 3945.	12.8	31
64	Uncovering the heterogeneity and temporal complexity of neurodegenerative diseases with Subtype and Stage Inference. <i>Nature Communications</i> , 2018, 9, 4273.	12.8	263
65	Postmortem brain MRI is related to cognitive decline, independent of cerebral vessel disease in older adults. <i>Neurobiology of Aging</i> , 2018, 69, 177-184.	3.1	12
66	White matter correlates of temporal discounting in older adults. <i>Brain Structure and Function</i> , 2018, 223, 3653-3663.	2.3	9
67	Neopterin is associated with hippocampal subfield volumes and cognition in HIV. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e467.	6.0	8
68	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
69	Ex vivo MRI transverse relaxation in community based older persons with and without Alzheimerâ€™s dementia. <i>Behavioural Brain Research</i> , 2017, 322, 233-240.	2.2	12
70	Association Between Brain Gene Expression, DNA Methylation, and Alteration of Ex Vivo Magnetic Resonance Imaging Transverse Relaxation in Late-Life Cognitive Decline. <i>JAMA Neurology</i> , 2017, 74, 1473.	9.0	21
71	Effects of Endurance-Focused Physical Activity Interventions on Brain Health. <i>Biological Research for Nursing</i> , 2017, 19, 53-64.	1.9	25
72	[P2â€420]: A COMPARISON OF BRAIN WHITE MATTER HYPERINTENSITY BURDEN ASSESSED IN VIVO AND EX VIVO. <i>Alzheimer's and Dementia</i> , 2017, 13, P794.	0.8	0

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73	[P3â€™322]: MAGNETIC SUSCEPTIBILITY OF HUMAN BRAIN HEMISPHERES MEASURED POSTMORTEM. Alzheimer's and Dementia, 2017, 13, P1072.	0.8	0
74	[P4â€™056]: TDP43 PATHOLOGY HAS INDEPENDENT EFFECTS ON AMYGDALA VOLUME AND SHAPE ABOVE AND BEYOND CONTRIBUTIONS OF ALZHEIMER'S PATHOLOGY AND HIPPOCAMPAL SCLEROSIS. Alzheimer's and Dementia, 2017, 13, P1278.	0.8	0
75	[P1â€™372]: REGIONAL VARIATIONS IN THE RELATIONSHIP BETWEEN BRAIN WHITE MATTER HYPERINTENSITIES BURDEN AND AGE-RELATED NEUROPATHOLOGIES. Alzheimer's and Dementia, 2017, 13, P403.	0.8	0
76	Identification of genes associated with dissociation of cognitive performance and neuropathological burden: Multistep analysis of genetic, epigenetic, and transcriptional data. PLoS Medicine, 2017, 14, e1002287.	8.4	88
77	Ex-vivo quantitative susceptibility mapping of human brain hemispheres. PLoS ONE, 2017, 12, e0188395.	2.5	13
78	Postmortem MRI: a novel window into the neurobiology of late life cognitive decline. Neurobiology of Aging, 2016, 45, 169-177.	3.1	24
79	ICâ€™054: Ante-Mortem Structural MRI Markers for Post-Mortem Pathology for TDPâ€™43 and Ad in The Hippocampus. Alzheimer's and Dementia, 2016, 12, P44.	0.8	1
80	Cerebrovascular and microglial states are not altered by functional neuroinflammatory gene variant. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 819-830.	4.3	5
81	Association Between Anticholinergic Medication Use and Cognition, Brain Metabolism, and Brain Atrophy in Cognitively Normal Older Adults. JAMA Neurology, 2016, 73, 721.	9.0	235
82	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
83	O2-03-06: Neuropathologic Correlates of White Matter Hyperintensities in a Community Cohort of Older Adults. , 2016, 12, P228-P229.		0
84	White matter hyperintensities, incident mild cognitive impairment, and cognitive decline in old age. Annals of Clinical and Translational Neurology, 2016, 3, 791-800.	3.7	87
85	Early role of vascular dysregulation on late-onset Alzheimer's disease based on multifactorial data-driven analysis. Nature Communications, 2016, 7, 11934.	12.8	833
86	Regional Neocortical Gray Matter Structure and Sleep Fragmentation in Older Adults. Sleep, 2016, 39, 227-235.	1.1	72
87	White Matter Integrity Reductions in Intermittent Explosive Disorder. Neuropsychopharmacology, 2016, 41, 2697-2703.	5.4	36
88	Financial literacy is associated with white matter integrity in old age. NeuroImage, 2016, 130, 223-229.	4.2	18
89	Grey matter correlates of susceptibility to scams in community-dwelling older adults. Brain Imaging and Behavior, 2016, 10, 524-532.	2.1	23
90	Association of white matter hyperintensities and gray matter volume with cognition in older individuals without cognitive impairment. Brain Structure and Function, 2016, 221, 2135-2146.	2.3	82

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91	Cognitive activity, cognitive function, and brain diffusion characteristics in old age. <i>Brain Imaging and Behavior</i> , 2016, 10, 455-463.	2.1	26
92	O4-05-02: Genome-wide association study of lobar brain volumes. , 2015, 11, P278-P278.		0
93	P4-046: Financial literacy is associated with white matter integrity in old age. , 2015, 11, P783-P784.		0
94	IC-P-152: Financial literacy is associated with white matter integrity in old age. , 2015, 11, P102-P102.		0
95	Ferritin levels in the cerebrospinal fluid predict Alzheimer's disease outcomes and are regulated by APOE. <i>Nature Communications</i> , 2015, 6, 6760.	12.8	240
96	Variation in longevity gene <i>KLOTHO</i> is associated with greater cortical volumes. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 215-230.	3.7	76
97	Association of Alzheimer's disease GWAS loci with MRI markers of brain aging. <i>Neurobiology of Aging</i> , 2015, 36, 1765.e7-1765.e16.	3.1	82
98	Physical activity, motor function, and white matter hyperintensity burden in healthy older adults. <i>Neurology</i> , 2015, 84, 1294-1300.	1.1	67
99	Neuropathologic correlates of regional brain volumes in a community cohort of older adults. <i>Neurobiology of Aging</i> , 2015, 36, 2798-2805.	3.1	38
100	White matter segmentation based on a skeletonized atlas: Effects on diffusion tensor imaging studies of regions of interest. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 1189-1198.	3.4	10
101	Ex vivo T2 relaxation: associations with age-related neuropathology and cognition. <i>Neurobiology of Aging</i> , 2014, 35, 1549-1561.	3.1	38
102	Gray-matter macrostructure in cognitively healthy older persons: associations with age and cognition. <i>Brain Structure and Function</i> , 2014, 219, 2029-2049.	2.3	37
103	Development of a high angular resolution diffusion imaging human brain template. <i>NeuroImage</i> , 2014, 91, 177-186.	4.2	112
104	Financial literacy is associated with medial brain region functional connectivity in old age. <i>Archives of Gerontology and Geriatrics</i> , 2014, 59, 429-438.	3.0	24
105	Ex vivo MR volumetry of human brain hemispheres. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 364-374.	3.0	22
106	IC-P-142: MACROSTRUCTURAL SIGNATURES OF AGE-RELATED NEUROPATHOLOGIES. , 2014, 10, P81-P82.		0
107	O1-01-02: MACROSTRUCTURAL SIGNATURES OF AGE-RELATED NEUROPATHOLOGIES. , 2014, 10, P128-P129.		0
108	IC-P-143: WHITE MATTER HYPERINTENSE LESIONS IN THE AGING BRAIN: CONTROLLING FOR THEIR EFFECTS IN CROSS-SECTIONAL VOXEL-WISE DIFFUSION MRI STUDIES. , 2014, 10, P82-P83.		0

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109	IC-P-144: NEUROPATHOLOGIES LINKED TO BRAIN WHITE MATTER HYPERINTENSITY VOLUME IN OLDER ADULTS: AN EX-VIVO MRI AND PATHOLOGY INVESTIGATION. , 2014, 10, P83-P83.		0
110	IC-P-145: EX-VIVO QUANTITATIVE SUSCEPTIBILITY MAPPING (QSM) IN A COMMUNITY COHORT REVEALS LINK BETWEEN MAGNETIC SUSCEPTIBILITY AND ALZHEIMER'S PATHOLOGY. , 2014, 10, P83-P84.		0
111	P3-234: WHITE MATTER HYPERINTENSE LESIONS IN THE AGING BRAIN: CONTROLLING FOR THEIR EFFECTS IN CROSS-SECTIONAL VOXEL-WISE DIFFUSION MRI STUDIES. , 2014, 10, P716-P717.		0
112	P1-290: NEUROPATHOLOGIES LINKED TO BRAIN WHITE MATTER HYPERINTENSITY VOLUME IN OLDER ADULTS: AN EX-VIVO MRI AND PATHOLOGY INVESTIGATION. , 2014, 10, P416-P417.		0
113	EX VIVO QUANTITATIVE SUSCEPTIBILITY MAPPING (QSM) IN A COMMUNITY COHORT REVEALS LINK BETWEEN MAGNETIC SUSCEPTIBILITY AND ALZHEIMER'S PATHOLOGY. , 2014, 10, P549-P550.		0
114	Ventromedial PFC, parahippocampal, and cerebellar connectivity are associated with temporal discounting in old age. <i>Experimental Gerontology</i> , 2013, 48, 1489-1498.	2.8	21
115	Role of standardized and study-specific human brain diffusion tensor templates in inter-subject spatial normalization. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 372-381.	3.4	20
116	Functional connectivity networks associated with chronic musculoskeletal pain in old age. <i>International Journal of Geriatric Psychiatry</i> , 2013, 28, 858-867.	2.7	18
117	Antiphospholipid Antibodies, Brain Infarcts, and Cognitive and Motor Decline in Aging (ABICMA): Design of a Community-Based, Longitudinal, Clinical-Pathological Study. <i>Neuroepidemiology</i> , 2013, 40, 73-84.	2.3	14
118	Faster cognitive decline in the years prior to MR imaging is associated with smaller hippocampal volumes in cognitively healthy older persons. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 21.	3.4	10
119	Systemic Inflammation in Non-Demented Elderly Human Subjects: Brain Microstructure and Cognition. <i>PLoS ONE</i> , 2013, 8, e73107.	2.5	65
120	Common variants at 12q14 and 12q24 are associated with hippocampal volume. <i>Nature Genetics</i> , 2012, 44, 545-551.	21.4	212
121	Functional Connectivity Variations in Mild Cognitive Impairment: Associations with Cognitive Function. <i>Journal of the International Neuropsychological Society</i> , 2012, 18, 39-48.	1.8	48
122	Selective changes in white matter integrity in MCI and older adults with cognitive complaints. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 423-430.	3.8	92
123	Neural intrinsic connectivity networks associated with risk aversion in old age. <i>Behavioural Brain Research</i> , 2012, 227, 233-240.	2.2	27
124	Rapid PROPELLER-MRI: A combination of iterative reconstruction and under-sampling. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 1241-1247.	3.4	6
125	Enhanced ICBM diffusion tensor template of the human brain. <i>NeuroImage</i> , 2011, 54, 974-984.	4.2	72
126	Neuropathologic Correlates of Hippocampal Atrophy in the Elderly: A Clinical, Pathologic, Postmortem MRI Study. <i>PLoS ONE</i> , 2011, 6, e26286.	2.5	89

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127	Iterative image reconstruction for PROPELLER-MRI using the nonuniform fast fourier transform. Journal of Magnetic Resonance Imaging, 2010, 32, 211-217.	3.4	6
128	REGIONAL BRAIN CORTICAL THINNING AND SYSTEMIC INFLAMMATION IN OLDER PERSONS WITHOUT DEMENTIA. Journal of the American Geriatrics Society, 2010, 58, 1823-1825.	2.6	24
129	Postmortem MRI of human brain hemispheres: T_2 relaxation times during formaldehyde fixation. Magnetic Resonance in Medicine, 2009, 61, 810-818.	3.0	134
130	Motion correction in periodically-rotated overlapping parallel lines with enhanced reconstruction (PROPELLER) and turboprop MRI. Magnetic Resonance in Medicine, 2009, 62, 174-182.	3.0	55
131	Preliminary Evidence of White Matter Abnormality in the Uncinate Fasciculus in Generalized Social Anxiety Disorder. Biological Psychiatry, 2009, 66, 691-694.	1.3	228
132	Development of a human brain diffusion tensor template. NeuroImage, 2009, 46, 967-980.	4.2	46
133	Optimal Diffusion Encoding Strategies for Fiber Mapping in Diffusion MRI. , 2009, , 90-107.		1
134	Contribution of cardiac-induced brain pulsation to the noise of the diffusion tensor in Turboprop diffusion tensor imaging (DTI). Journal of Magnetic Resonance Imaging, 2008, 27, 1164-1168.	3.4	9
135	A tractography comparison between turboprop and spin-echo echo-planar diffusion tensor imaging. NeuroImage, 2008, 42, 1451-1462.	4.2	16
136	Effect of Spatial Alignment Transformations in PCA and ICA of Functional Neuroimages. IEEE Transactions on Medical Imaging, 2007, 26, 1058-1068.	8.9	6
137	Diffusion tensor encoding schemes optimized for white matter fibers with selected orientations. Magnetic Resonance Imaging, 2007, 25, 147-153.	1.8	16
138	Investigating the Medial Temporal Lobe in Alzheimer's Disease and Mild Cognitive Impairment, with Turboprop Diffusion Tensor Imaging, MRI-volumetry, and T2-relaxometry. Brain Imaging and Behavior, 2007, 1, 11-21.	2.1	21
139	Optimization of white matter tractography for pre-surgical planning and image-guided surgery. Oncology Reports, 2006, 15, 1061-1064.	2.6	26
140	Probabilistic Brain Lesion Segmentation in DT-MRI. , 2006, , .		3
141	White Matter Tractography by Means of Turboprop Diffusion Tensor Imaging. Annals of the New York Academy of Sciences, 2005, 1064, 78-87.	3.8	12
142	k-space undersampling in PROPELLER imaging. Magnetic Resonance in Medicine, 2005, 53, 675-683.	3.0	53
143	Diffusion and perfusion MR imaging in seizure disorders. , 2004, , 509-520.		1
144	White matter tractography using diffusion tensor deflection. Human Brain Mapping, 2003, 18, 306-321.	3.6	545

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145	Diffusion-tensor imaging of white matter tracts in patients with cerebral neoplasm. Journal of Neurosurgery, 2002, 97, 568-575.	1.6	359
146	Independent component analysis applied to diffusion tensor MRI. Magnetic Resonance in Medicine, 2002, 47, 354-363.	3.0	52
147	Application of image registration to measurement of intervertebral rotation in the lumbar spine. Magnetic Resonance in Medicine, 2002, 48, 1072-1075.	3.0	43
148	Characterizing instantaneous phase relationships in whole-brain fMRI activation data. Human Brain Mapping, 2002, 16, 71-80.	3.6	30
149	Hierarchical clustering to measure connectivity in fMRI resting-state data. Magnetic Resonance Imaging, 2002, 20, 305-317.	1.8	333
150	Diffusion tensor MRI in temporal lobe epilepsy. Magnetic Resonance Imaging, 2002, 20, 511-519.	1.8	200
151	Diffusion tensor MR imaging in diffuse axonal injury. American Journal of Neuroradiology, 2002, 23, 794-802.	2.4	524
152	Decomposition of cross correlation maps into frequency components to measure functional connectivity in resting state MRI data. NeuroImage, 2001, 13, 99.	4.2	1
153	Combining independent component analysis and correlation analysis to probe interregional connectivity in fMRI task activation datasets. Magnetic Resonance Imaging, 2000, 18, 921-930.	1.8	178
154	SITOMANIA: ITS CAUSES AND TREATMENT. American Journal of Psychiatry, 1859, 16, 1-42.	7.2	26
155	Diffusion and perfusion MR imaging in seizure disorders. , 0, , 546-560.		0