

Vincent A Magnotta

List of Publications by Year in descending order

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Version: 2024-02-01

256
papers

13,707
citations

18482

62
h-index

27406

106
g-index

269
all docs

269
docs citations

269
times ranked

15320
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-band and in-plane accelerated diffusion MRI enabled by model-based deep learning in q-space and its extension to learning in the spherical harmonic domain. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1799-1815.	3.0	5
2	A pilot to assess target engagement of terazosin in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2022, 94, 79-83.	2.2	17
3	Metabolic abnormalities in the basal ganglia and cerebellum in bipolar disorder: A multi-modal MR study. <i>Journal of Affective Disorders</i> , 2022, 301, 390-399.	4.1	8
4	Cortical Features in Child and Adolescent Carriers of Mutant Huntingtin (mHTT). <i>Journal of Huntington's Disease</i> , 2022, , 1-6.	1.9	1
5	Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results From the ENIGMA-PGC Posttraumatic Stress Disorder Consortium. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 935-948.	1.5	2
6	Assessment of brain age in posttraumatic stress disorder: Findings from the ENIGMA PTSD and brain age working groups. <i>Brain and Behavior</i> , 2022, 12, e2413.	2.2	25
7	Topographical Analysis of Aneurysm Wall Enhancement With 3-Dimensional Mapping. , 2022, 2, .		5
8	Posterior Fossa Sub-Arachnoid Cysts Observed in Patients with Bipolar Disorder: a Retrospective Cohort Study. <i>Cerebellum</i> , 2022, , .	2.5	1
9	Behavioral features in child and adolescent huntingtin gene mutation carriers. <i>Brain and Behavior</i> , 2022, 12, .	2.2	3
10	Long-term outcome of brain structure in female preterm infants: possible associations of liberal versus restrictive red blood cell transfusions. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 3292-3299.	1.5	11
11	Altered white matter microstructural organization in posttraumatic stress disorder across 3047 adults: results from the PGC-ENIGMA PTSD consortium. <i>Molecular Psychiatry</i> , 2021, 26, 4315-4330.	7.9	69
12	Cortical volume abnormalities in posttraumatic stress disorder: an ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. <i>Molecular Psychiatry</i> , 2021, 26, 4331-4343.	7.9	52
13	Preliminary evaluation of pre-speech and neurodevelopmental measures in 11-week-old infants with isolated oral clefts. <i>Pediatric Research</i> , 2021, 89, 85-90.	2.3	7
14	Magnetic resonance imaging (MRI) of pharmacological ascorbate-induced iron redox state as a biomarker in subjects undergoing radio-chemotherapy. <i>Redox Biology</i> , 2021, 38, 101804.	9.0	14
15	Transportation physical activity earlier in life and areas of the brain related to dementia later in life. <i>Journal of Transport and Health</i> , 2021, 20, 100992.	2.2	2
16	How do neural processes give rise to cognition? Simultaneously predicting brain and behavior with a dynamic model of visual working memory.. <i>Psychological Review</i> , 2021, 128, 362-395.	3.8	6
17	Neurocognitive Features of Motor Premanifest Individuals With Myotonic Dystrophy Type 1. <i>Neurology: Genetics</i> , 2021, 7, e577.	1.9	5
18	qModel: A plug-and-play model-based reconstruction for highly accelerated multi-shot diffusion MRI using learned priors. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 835-851.	3.0	19

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19	White matter microstructure relates to motor outcomes in myotonic dystrophy type 1 independently of disease duration and genetic burden. <i>Scientific Reports</i> , 2021, 11, 4886.	3.3	6
20	Probing the Neural Systems Underlying Flexible Dimensional Attention. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1365-1380.	2.3	2
21	Processing pipeline for image reconstructed fNIRS analysis using both MRI templates and individual anatomy. <i>Neurophotonics</i> , 2021, 8, 025010.	3.3	15
22	Mild Cognitive Impairment as an Early Landmark in Huntington's Disease. <i>Frontiers in Neurology</i> , 2021, 12, 678652.	2.4	6
23	Semiautomated 3D mapping of aneurysmal wall enhancement with 7T-MRI. <i>Scientific Reports</i> , 2021, 11, 18344.	3.3	16
24	Quantum chemical insight into the effects of the local electron environment on T2*-based MRI. <i>Scientific Reports</i> , 2021, 11, 20817.	3.3	4
25	Distinct patterns of altered quantitative T1 ρ and functional BOLD response associated with history of suicide attempts in bipolar disorder. <i>Brain Imaging and Behavior</i> , 2021, , 1.	2.1	8
26	Factors influencing daily quality assurance measurements of magnetic resonance imaging scanners. <i>Radiological Physics and Technology</i> , 2021, 14, 396-401.	1.9	2
27	Hippocampal acidity and volume are differentially associated with spatial navigation in older adults. <i>NeuroImage</i> , 2021, 245, 118682.	4.2	3
28	Blood-Based Markers of Neuronal Injury in Adult-Onset Myotonic Dystrophy Type 1. <i>Frontiers in Neurology</i> , 2021, 12, 791065.	2.4	4
29	Moderate Intensity Exercise in Pre-manifest Huntington's Disease: Results of a 6 months Trial.. , 2021, 2, 6-36.		0
30	Fourth Ventricle Enlargement in Chiari Malformation Type I. <i>World Neurosurgery</i> , 2020, 133, e259-e266.	1.3	6
31	SMS MUSSELS: A navigator-free reconstruction for simultaneous multi-slice accelerated multi-shot diffusion weighted imaging. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 154-169.	3.0	14
32	Cardiorespiratory fitness and hippocampal volume predict faster episodic associative learning in older adults. <i>Hippocampus</i> , 2020, 30, 143-155.	1.9	12
33	R1 ρ -sensitivity to pH and other compounds at clinically accessible spin-lock fields in the presence of proteins. <i>NMR in Biomedicine</i> , 2020, 33, e4217.	2.8	10
34	Acute Exercise Effects Predict Training Change in Cognition and Connectivity. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 131-140.	0.4	61
35	Improved MUSSELS reconstruction for high-resolution multi-shot diffusion weighted imaging. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 2253-2263.	3.0	19
36	Proton Exchange Magnetic Resonance Imaging: Current and Future Applications in Psychiatric Research. <i>Frontiers in Psychiatry</i> , 2020, 11, 532606.	2.6	6

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37	Natural bladder filling alters resting brain function at multiple spatial scales: a proof-of-concept MAPP Network Neuroimaging Study. <i>Scientific Reports</i> , 2020, 10, 19901.	3.3	11
38	Subcortical T1-Rho MRI Abnormalities in Juvenile-Onset Huntingtonâ€™s Disease. <i>Brain Sciences</i> , 2020, 10, 533.	2.3	5
39	Comparison of T ₁ -Rho MRI, Glucose Metabolism, and Amyloid Burden Across the Cognitive Spectrum: A Pilot Study. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2020, 32, 352-361.	1.8	4
40	Increased contrast enhancement of the parent vessel of unruptured intracranial aneurysms in 7T MR imaging. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1018-1022.	3.3	16
41	The functional brain networks that underlie visual working memory in the first two years of life. <i>NeuroImage</i> , 2020, 219, 116971.	4.2	16
42	Threeâ€Dimensional GRE T ₁ mapping of the brain using tailored variable flipâ€angle scheduling. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1235-1249.	3.0	8
43	Abnormal development of cerebellar-striatal circuitry in Huntington disease. <i>Neurology</i> , 2020, 94, e1908-e1915.	1.1	41
44	Assessment of Gadobutrol Safety in Combination with Ionizing Radiation Using a Preclinical MRI-Guided Radiotherapy Model. <i>Radiation Research</i> , 2020, 195, 230-234.	1.5	4
45	Detection of microbleeds associated with sentinel headache using MRI quantitative susceptibility mapping: pilot study. <i>Journal of Neurosurgery</i> , 2019, 130, 1391-1397.	1.6	15
46	Brain Structural Features of Myotonic Dystrophy Type 1 and their Relationship with CTG Repeats. <i>Journal of Neuromuscular Diseases</i> , 2019, 6, 321-332.	2.6	23
47	Abnormal brain development in child and adolescent carriers of mutant huntingtin. <i>Neurology</i> , 2019, 93, e1021-e1030.	1.1	72
48	Cystitis-induced bladder pain is Toll-like receptor 4 dependent in a transgenic autoimmune cystitis murine model: a MAPP Research Network animal study. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F90-F98.	2.7	17
49	Brain structure in juvenile-onset Huntington disease. <i>Neurology</i> , 2019, 92, e1939-e1947.	1.1	45
50	Lifetime Physical Activity and White Matter Hyperintensities in Cognitively Intact Adults. <i>Nursing Research</i> , 2019, 68, 210-217.	1.7	4
51	Early Phase PIBâ€PET as a Surrogate for Global and Regional Cerebral Blood Flow Measures. <i>Journal of Neuroimaging</i> , 2019, 29, 85-96.	2.0	6
52	Sex-specific alterations in preterm brain. <i>Pediatric Research</i> , 2019, 85, 55-62.	2.3	27
53	Measurement of in vivo spinal cord displacement and strain fields of healthy and myelopathic cervical spinal cord. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 53-59.	1.7	14
54	Elevated Aortic Stiffness is Associated with Lower Brain pH and Executive Function Performance in Middleâ€aged and Older Adults. <i>FASEB Journal</i> , 2019, 33, 696.15.	0.5	0

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55	A general algorithm for compensation of trajectory errors: Application to radial imaging. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 1605-1613.	3.0	9
56	Effect of Trinucleotide Repeats in the Huntington's Gene on Intelligence. <i>EBioMedicine</i> , 2018, 31, 47-53.	6.1	34
57	Alterations of the cerebellum and basal ganglia in bipolar disorder mood states detected by quantitative T1 ρ -mapping. <i>Bipolar Disorders</i> , 2018, 20, 381-390.	1.9	33
58	Whole-Brain Connectivity in a Large Study of Huntington's Disease Gene Mutation Carriers and Healthy Controls. <i>Brain Connectivity</i> , 2018, 8, 166-178.	1.7	39
59	Impaired sensory processing measured by functional MRI in Bipolar disorder manic and depressed mood states. <i>Brain Imaging and Behavior</i> , 2018, 12, 837-847.	2.1	47
60	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. <i>Molecular Psychiatry</i> , 2018, 23, 1261-1269.	7.9	522
61	In Reply. <i>Anesthesiology</i> , 2018, 128, 1261-1261.	2.5	0
62	CT-measured lung air-trapping is associated with higher carotid artery stiffness in individuals with chronic obstructive pulmonary disease. <i>Journal of Applied Physiology</i> , 2018, 125, 1760-1766.	2.5	4
63	The LURN Research Network Neuroimaging and Sensory Testing (NIST) Study: Design, protocols, and operations. <i>Contemporary Clinical Trials</i> , 2018, 74, 76-87.	1.8	7
64	Efficient parallel reconstruction for high resolution multishot spiral diffusion data with low rank constraint. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1359-1366.	3.0	37
65	Modulating perceptual complexity and load reveals degradation of the visual working memory network in ageing. <i>NeuroImage</i> , 2017, 157, 464-475.	4.2	15
66	Mapping effective connectivity in the human brain with concurrent intracranial electrical stimulation and BOLD-fMRI. <i>Journal of Neuroscience Methods</i> , 2017, 277, 101-112.	2.5	39
67	Longitudinal diffusion changes in prodromal and early <sc>HD</sc>: Evidence of whiteâ€matter tract deterioration. <i>Human Brain Mapping</i> , 2017, 38, 1460-1477.	3.6	45
68	Validating an image-based fNIRS approach with fMRI and a working memory task. <i>NeuroImage</i> , 2017, 147, 204-218.	4.2	61
69	Are Anesthesia and Surgery during Infancy Associated with Decreased White Matter Integrity and Volume during Childhood?. <i>Anesthesiology</i> , 2017, 127, 788-799.	2.5	30
70	Recovery of Damped Exponentials Using Structured Low Rank Matrix Completion. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 2087-2098.	8.9	11
71	Sexâ€specific effects of the Huntington gene on normal neurodevelopment. <i>Journal of Neuroscience Research</i> , 2017, 95, 398-408.	2.9	41
72	Multi-shot sensitivity-encoded diffusion data recovery using structured low-rank matrix completion (MUSSELS). <i>Magnetic Resonance in Medicine</i> , 2017, 78, 494-507.	3.0	115

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73	Relationship altered between functional T1 ρ and \langle scp>BOLD</scp> signals in bipolar disorder. Brain and Behavior, 2017, 7, e00802.	2.2	9
74	Putting race in context: social class modulates processing of race in the ventromedial prefrontal cortex and amygdala. Social Cognitive and Affective Neuroscience, 2017, 12, 1314-1324.	3.0	32
75	The Acute Effects of Aerobic Exercise on the Functional Connectivity of Human Brain Networks. Brain Plasticity, 2017, 2, 171-190.	3.5	88
76	Population Shape Collapse in Large Deformation Registration of MR Brain Images. , 2016, , .		1
77	Comprehensive reconstruction of multi-shot multi-channel diffusion data using muskels. , 2016, 2016, 1107-1110.		11
78	Altered brain function, structure, and developmental trajectory in children born late preterm. Pediatric Research, 2016, 80, 197-203.	2.3	39
79	Automated tissue classification of pediatric brains from magnetic resonance images using age-specific atlases. , 2016, , .		0
80	Myelination-related genes are associated with decreased white matter integrity in schizophrenia. European Journal of Human Genetics, 2016, 24, 381-386.	2.8	27
81	From Finite Element Meshes to Clouds of Points: A Review of Methods for Generation of Computational Biomechanics Models for Patient-Specific Applications. Annals of Biomedical Engineering, 2016, 44, 3-15.	2.5	52
82	Accelerated whole-brain multi-parameter mapping using blind compressed sensing. Magnetic Resonance in Medicine, 2016, 75, 1175-1186.	3.0	46
83	Posttraumatic stress and alcohol use among veterans: Amygdala and anterior cingulate activation to emotional cues.. Psychology of Addictive Behaviors, 2016, 30, 720-732.	2.1	6
84	T1 ρ imaging in premanifest Huntington disease reveals changes associated with disease progression. Movement Disorders, 2015, 30, 1107-1114.	3.9	16
85	Fast iterative algorithm for the reconstruction of multishot non-cartesian diffusion data. Magnetic Resonance in Medicine, 2015, 74, 1086-1094.	3.0	12
86	Prefrontal cortex white matter tracts in prodromal \langle scp>H</scp>untington disease. Human Brain Mapping, 2015, 36, 3717-3732.	3.6	45
87	Depressive symptoms related to low fractional anisotropy of white matter underlying the right ventral anterior cingulate in older adults with atherosclerotic vascular disease. Frontiers in Human Neuroscience, 2015, 9, 408.	2.0	6
88	Quantitative T1 ρ mapping links the cerebellum and lithium use in bipolar disorder. Molecular Psychiatry, 2015, 20, 149-149.	7.9	17
89	Frontal hypometabolism in elderly breast cancer survivors determined by [¹⁸ F]fluorodeoxyglucose (FDG) positron emission tomography (PET): a pilot study. International Journal of Geriatric Psychiatry, 2015, 30, 587-594.	2.7	30
90	Precision-guided sampling schedules for efficient T1 ρ mapping. Journal of Magnetic Resonance Imaging, 2015, 41, 242-250.	3.4	19

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91	Brain abnormalities in bipolar disorder detected by quantitative T1 ρ -mapping. <i>Molecular Psychiatry</i> , 2015, 20, 201-206.	7.9	61
92	Eccentricity Mapping of the Human Visual Cortex to Evaluate Temporal Dynamics of Functional T1 ρ Mapping. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1213-1219.	4.3	11
93	Response control networks are selectively modulated by attention to rare events and memory load regardless of the need for inhibition. <i>NeuroImage</i> , 2015, 120, 331-344.	4.2	13
94	Validating a new methodology for optical probe design and image registration in fNIRS studies. <i>NeuroImage</i> , 2015, 106, 86-100.	4.2	48
95	Peripheral inflammation during abnormal mood states in bipolar I disorder. <i>Journal of Affective Disorders</i> , 2015, 187, 172-178.	4.1	60
96	Precision-guided sampling schedules for efficient T1 ρ -mapping. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, spcone.	3.4	1
97	Acceleration of high angular and spatial resolution diffusion imaging using compressed sensing with multichannel spiral data. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 126-138.	3.0	45
98	Effects of age on white matter integrity and negative symptoms in schizophrenia. <i>Schizophrenia Research</i> , 2015, 161, 29-35.	2.0	31
99	The power-proportion method for intracranial volume correction in volumetric imaging analysis. <i>Frontiers in Neuroscience</i> , 2014, 8, 356.	2.8	35
100	The Relationship Between Brain Structure and Cognition in Transfused Preterm Children at School Age. <i>Developmental Neuropsychology</i> , 2014, 39, 226-232.	1.4	21
101	Regionally selective atrophy of subcortical structures in prodromal HD as revealed by statistical shape analysis. <i>Human Brain Mapping</i> , 2014, 35, 792-809.	3.6	58
102	Diffusion weighted imaging of prefrontal cortex in prodromal huntington's disease. <i>Human Brain Mapping</i> , 2014, 35, 1562-1573.	3.6	49
103	Associations of White Matter Integrity and Cortical Thickness in Patients With Schizophrenia and Healthy Controls. <i>Schizophrenia Bulletin</i> , 2014, 40, 665-674.	4.3	30
104	Preliminary Study of the Association of White-Matter Metabolite Concentrations With Disease Severity in Patients With Huntington's Disease. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2014, 26, 101-104.	1.8	1
105	Functional T1 ρ -Imaging in Panic Disorder. <i>Biological Psychiatry</i> , 2014, 75, 884-891.	1.3	19
106	Molecular Imaging of Cerebrovascular Lesions. <i>Translational Stroke Research</i> , 2014, 5, 260-268.	4.2	18
107	Evaluation of activity-dependent functional pH and T1 ρ -response in the visual cortex. <i>NeuroImage</i> , 2014, 95, 336-343.	4.2	8
108	Stable Atlas-based Mapped Prior (STAMP) machine-learning segmentation for multicenter large-scale MRI data. <i>Magnetic Resonance Imaging</i> , 2014, 32, 832-844.	1.8	21

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109	3-Dimensional Magnetic Resonance Spectroscopic Imaging at 3T for Early Response Assessment of Glioblastoma Patients During External Beam Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 181-189.	0.8	43
110	Rapid acquisition strategy for functional T1-weighted mapping of the brain. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1067-1077.	1.8	6
111	Phase I/II randomized trial of aerobic exercise in Parkinson disease in a community setting. <i>Neurology</i> , 2014, 83, 413-425.	1.1	180
112	Disruption of response inhibition circuits in prodromal Huntington disease. <i>Cortex</i> , 2014, 58, 72-85.	2.4	30
113	The MCIC Collection: A Shared Repository of Multi-Modal, Multi-Site Brain Image Data from a Clinical Investigation of Schizophrenia. <i>Neuroinformatics</i> , 2013, 11, 367-388.	2.8	168
114	Abnormal Cerebellar Structure Is Dependent on Phenotype of Isolated Cleft of the Lip and/or Palate. <i>Cerebellum</i> , 2013, 12, 236-244.	2.5	16
115	Characterizing white matter health and organization in atherosclerotic vascular disease: A diffusion tensor imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 389-394.	1.8	10
116	Evidence That Acetylsalicylic Acid Attenuates Inflammation in the Walls of Human Cerebral Aneurysms: Preliminary Results. <i>Journal of the American Heart Association</i> , 2013, 2, e000019.	3.7	115
117	Imaging aspirin effect on macrophages in the wall of human cerebral aneurysms using ferumoxytol-enhanced MRI: Preliminary results. <i>Journal of Neuroradiology</i> , 2013, 40, 187-191.	1.1	50
118	Spatial Characteristics of White Matter Abnormalities in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2013, 39, 1077-1086.	4.3	36
119	Hexahedral meshing of subject-specific anatomic structures using mapped building blocks. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013, 16, 602-611.	1.6	2
120	White matter fractional anisotropy is inversely related to anxious symptoms in older adults with atherosclerosis. <i>International Journal of Geriatric Psychiatry</i> , 2013, 28, 1069-1076.	2.7	10
121	Automated parcellation of the brain surface generated from magnetic resonance images. <i>Frontiers in Neuroinformatics</i> , 2013, 7, 23.	2.5	13
122	The Emerging Role of Ferumoxytol-Enhanced MRI in the Management of Cerebrovascular Lesions. <i>Molecules</i> , 2013, 18, 9670-9683.	3.8	23
123	Neural Sensitivity to Absolute and Relative Anticipated Reward in Adolescents. <i>PLoS ONE</i> , 2013, 8, e58708.	2.5	18
124	Growing multiblock structures: a semi-automated approach to block placement for multiblock hexahedral meshing. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2012, 15, 1043-1052.	1.6	1
125	Surgically oriented measurements for three-dimensional characterization of tunnel placement in anterior cruciate ligament reconstruction. <i>Computer Aided Surgery</i> , 2012, 17, 221-231.	1.8	6
126	Long-Term Neuropsychological, Neuroanatomical, and Life Outcome in Hippocampal Amnesia. <i>Clinical Neuropsychologist</i> , 2012, 26, 335-369.	2.3	29

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127	White Matter Abnormalities in Veterans With Mild Traumatic Brain Injury. American Journal of Psychiatry, 2012, 169, 1284-1291.	7.2	136
128	MultiCenter Reliability of Diffusion Tensor Imaging. Brain Connectivity, 2012, 2, 345-355.	1.7	77
129	MRI Tissue Classification Using High-Resolution Bayesian Hidden Markov Normal Mixture Models. Journal of the American Statistical Association, 2012, 107, 102-119.	3.1	21
130	Macrophage Imaging Within Human Cerebral Aneurysms Wall Using Ferumoxytol-Enhanced MRI: A Pilot Study. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1032-1038.	2.4	98
131	Detecting activity-evoked pH changes in human brain. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8270-8273.	7.1	134
132	Early Change in Ferumoxytol-Enhanced Magnetic Resonance Imaging Signal Suggests Unstable Human Cerebral Aneurysm. Stroke, 2012, 43, 3258-3265.	2.0	138
133	Accelerating non-Cartesian sense for large coil arrays: Application to motion compensation in multishot DWI. , 2012, , .		2
134	Cigarette smoking and white matter microstructure in schizophrenia. Psychiatry Research - Neuroimaging, 2012, 201, 152-158.	1.8	27
135	Global White Matter Abnormalities in Schizophrenia: A Multisite Diffusion Tensor Imaging Study. Schizophrenia Bulletin, 2011, 37, 222-232.	4.3	113
136	Progressive Brain Change in Schizophrenia: A Prospective Longitudinal Study of First-Episode Schizophrenia. Biological Psychiatry, 2011, 70, 672-679.	1.3	320
137	Fully automated analysis using BRAINS: AutoWorkup. NeuroImage, 2011, 54, 328-336.	4.2	76
138	Antipsychotic dose and diminished neural modulation: A multi-site fMRI study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 473-482.	4.8	46
139	Sex-specific variation of MRI-based cortical morphometry in adult healthy volunteers: The effect on cognitive functioning. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 616-623.	4.8	19
140	Proton Magnetic Resonance Spectroscopy in adult cancer patients with delirium. Psychiatry Research - Neuroimaging, 2011, 191, 128-132.	1.8	9
141	EM Segmentation of the Distal Femur and Proximal Tibia: A High-Throughput Approach to Anatomic Surface Generation. Annals of Biomedical Engineering, 2011, 39, 1555-1562.	2.5	12
142	Gaussian curvature analysis allows for automatic block placement in multi-block hexahedral meshing. Computer Methods in Biomechanics and Biomedical Engineering, 2011, 14, 893-904.	1.6	2
143	The effectiveness of geometry features on multi-resolution diffeomorphic demons registration in the implementation of human cortex surface parcellation. , 2011, , .		2
144	Long-term Antipsychotic Treatment and Brain Volumes. Archives of General Psychiatry, 2011, 68, 128.	12.3	871

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145	Long-term Outcome of Brain Structure in Premature Infants. <i>JAMA Pediatrics</i> , 2011, 165, 443-50.	3.0	106
146	Smaller intracranial volume in prodromal Huntington's disease: evidence for abnormal neurodevelopment. <i>Brain</i> , 2011, 134, 137-142.	7.6	118
147	Global and regional cortical thinning in first-episode psychosis patients: relationships with clinical and cognitive features. <i>Psychological Medicine</i> , 2011, 41, 1449-1460.	4.5	72
148	An automated pipeline for cortical surface generation and registration of the cerebral cortex. , 2011, , .		1
149	Longitudinal change in regional brain volumes in prodromal Huntington disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 405-410.	1.9	220
150	Cerebral cortex structure in prodromal Huntington disease. <i>Neurobiology of Disease</i> , 2010, 40, 544-554.	4.4	142
151	Toward fully automated processing of dynamic susceptibility contrast perfusion MRI for acute ischemic cerebral stroke. <i>Computer Methods and Programs in Biomedicine</i> , 2010, 98, 204-213.	4.7	31
152	White matter degeneration in schizophrenia: a comparative diffusion tensor analysis. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
153	Multi-site characterization of an fMRI working memory paradigm: Reliability of activation indices. <i>NeuroImage</i> , 2010, 53, 119-131.	4.2	39
154	Striatal and white matter predictors of estimated diagnosis for Huntington disease. <i>Brain Research Bulletin</i> , 2010, 82, 201-207.	3.0	214
155	Hippocampal volume deficits and shape deformities in young biological relatives of schizophrenia probands. <i>NeuroImage</i> , 2010, 49, 3385-3393.	4.2	51
156	An Analytical Framework for Quadrilateral Surface Mesh Improvement with an Underlying Triangulated Surface Definition. , 2010, , 85-102.		7
157	Hexahedral Meshing of Subject-Specific Anatomic Structures Using Registered Building Blocks. , 2010, , .		2
158	A Comparison of Two Automated Block Placement Methods for Multi-Block Hexahedral Finite Element Meshing. , 2010, , .		0
159	Electromyographic study of postural adaptation during mandibular advancement. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2009, 12, 35-37.	1.6	6
160	A comparative study of diffusion tensor field transformations. , 2009, , .		1
161	Maximize uniformity summation heuristic (MUSH): a highly accurate simple method for intracranial delineation. , 2009, , .		2
162	Evaluation of topology correction methods for the generation of the cortical surface. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0

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163	Automated hexahedral meshing of anatomic structures using deformable registration. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2009, 12, 35-43.	1.6	28
164	Voxel-based Morphometric Multisite Collaborative Study on Schizophrenia. <i>Schizophrenia Bulletin</i> , 2009, 35, 82-95.	4.3	117
165	Hippocampal volume in first episode and recurrent depression. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 62-66.	1.8	68
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