

Erbil Akbudak

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

5,683
citations

279798

23
h-index

414414

32
g-index

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all docs

32
docs citations

32
times ranked

6932
citing authors

#	ARTICLE	IF	CITATIONS
1	A Common Network of Functional Areas for Attention and Eye Movements. <i>Neuron</i> , 1998, 21, 761-773.	8.1	1,498
2	Hemispheric Specialization in Human Dorsal Frontal Cortex and Medial Temporal Lobe for Verbal and Nonverbal Memory Encoding. <i>Neuron</i> , 1998, 20, 927-936.	8.1	739
3	Anatomic Localization and Quantitative Analysis of Gradient Refocused Echo-Planar fMRI Susceptibility Artifacts. <i>NeuroImage</i> , 1997, 6, 156-167.	4.2	624
4	Differential Vulnerability of Anterior White Matter in Nondemented Aging with Minimal Acceleration in Dementia of the Alzheimer Type: Evidence from Diffusion Tensor Imaging. <i>Cerebral Cortex</i> , 2004, 14, 410-423.	2.9	561
5	Quantitative Diffusion-Tensor Anisotropy Brain MR Imaging: Normative Human Data and Anatomic Analysis. <i>Radiology</i> , 1999, 212, 770-784.	7.3	301
6	Direct Comparison of Prefrontal Cortex Regions Engaged by Working and Long-Term Memory Tasks. <i>NeuroImage</i> , 2001, 14, 48-59.	4.2	289
7	Encoding of anisotropic diffusion with tetrahedral gradients: A general mathematical diffusion formalism and experimental results. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 399-412.	3.0	276
8	The Emotional Modulation of Cognitive Processing: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 157-170.	2.3	167
9	Anterior thalamic radiation integrity in schizophrenia: A diffusion-tensor imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2010, 183, 144-150.	1.8	146
10	Differences between Gray Matter and White Matter Water Diffusion in Stroke: Diffusion-Tensor MR Imaging in 12 Patients. <i>Radiology</i> , 2000, 215, 211-220.	7.3	143
11	Functional MRI studies of word-stem completion: Reliability across laboratories and comparison to blood flow imaging with PET. <i>Human Brain Mapping</i> , 1998, 6, 203-215.	3.6	116
12	Neuronal fiber pathway abnormalities in autism: An initial MRI diffusion tensor tracking study of hippocampo-fusiform and amygdalo-fusiform pathways. <i>Journal of the International Neuropsychological Society</i> , 2008, 14, 933-946.	1.8	109
13	Direct Comparison of Episodic Encoding and Retrieval of Words: An Event-related fMRI Study. <i>Memory</i> , 1999, 7, 661-680.	1.7	90
14	Functional reorganization and stability of somatosensory-motor cortical topography in a tetraplegic subject with late recovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 17066-17071.	7.1	80
15	Topographic organization of macaque area LIP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4728-4733.	7.1	62
16	Arterial input functions from MR phase imaging. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 809-815.	3.0	59
17	Arterial input functions for dynamic susceptibility contrast MRI: Requirements and signal options. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 22, 697-703.	3.4	58
18	Contrast-agent phase effects: An experimental system for analysis of susceptibility, concentration, and bolus input function kinetics. <i>Magnetic Resonance in Medicine</i> , 1997, 38, 990-1002.	3.0	49

#	ARTICLE	IF	CITATIONS
19	Changing Human Visual Field Organization from Early Visual to Extra-Occipital Cortex. PLoS ONE, 2007, 2, e452.	2.5	45
20	Neuroimaging Signatures and Cognitive Correlates of the Montreal Cognitive Assessment Screen in a Nonclinical Elderly Sample. Archives of Clinical Neuropsychology, 2011, 26, 454-460.	0.5	45
21	MRI diffusion tensor tracking of a new amygdalo-hippocampal pathway system in humans. Journal of Magnetic Resonance Imaging, 2009, 29, 1248-1261.	3.4	36
22	Regional age differences in gray matter diffusivity among healthy older adults. Brain Imaging and Behavior, 2016, 10, 203-211.	2.1	33
23	Precision, signal-to-noise ratio, and dose optimization of magnitude and phase arterial input functions in dynamic susceptibility contrast MRI. Journal of Magnetic Resonance Imaging, 2007, 25, 598-611.	3.4	29
24	Reducing CSF Partial Volume Effects to Enhance Diffusion Tensor Imaging Metrics of Brain Microstructure. Technology and Innovation, 2016, 18, 5-20.	0.2	24
25	White matter changes with age utilizing quantitative diffusion MRI. Neurology, 2014, 83, 247-252.	1.1	21
26	Fiber bundle length and cognition: a length-based tractography MRI study. Brain Imaging and Behavior, 2015, 9, 765-775.	2.1	20
27	Neuronal fiber bundle lengths in healthy adult carriers of the ApoE4 allele: A quantitative tractography DTI study. Brain Imaging and Behavior, 2013, 7, 274-281.	2.1	19
28	Cognitive reserve moderates the relationship between neuropsychological performance and white matter fiber bundle length in healthy older adults. Brain Imaging and Behavior, 2017, 11, 632-639.	2.1	19
29	Neuromarkers of the common angiotensinogen polymorphism in healthy older adults: A comprehensive assessment of white matter integrity and cognition. Behavioural Brain Research, 2016, 296, 85-93.	2.2	11
30	Impact of the AGTR1 A1166C polymorphism on subcortical hyperintensities and cognition in healthy older adults. Age, 2014, 36, 9664.	3.0	9
31	Heterogeneity of Apparent Diffusion Coefficients Within Infarcts. Stroke, 2001, 32, 1695-1696.	2.0	3