

Wen-Ming Luh

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,359
citations

430754

18
h-index

395590

33
g-index

38
all docs

38
docs citations

38
times ranked

3295
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo detection of microstructural spinal cord lesions in dogs with degenerative myelopathy using diffusion tensor imaging. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 352-362.	0.6	7
2	Estimates of locus coeruleus function with functional magnetic resonance imaging are influenced by localization approaches and the use of multi-echo data. <i>NeuroImage</i> , 2021, 236, 118047.	2.1	20
3	Diffusion tensor-based analysis of white matter in the healthy aging canine brain. <i>Neurobiology of Aging</i> , 2021, 105, 129-136.	1.5	7
4	Selected advanced imaging techniques were unable to quantify in vivo parasitic burden in heartworm-infested dogs. <i>Veterinary Radiology and Ultrasound</i> , 2021, 62, 471-475.	0.4	0
5	Stereotactic Cortical Atlas of the Domestic Canine Brain. <i>Scientific Reports</i> , 2020, 10, 4781.	1.6	28
6	Stereotaxic Diffusion Tensor Imaging White Matter Atlas for the in vivo Domestic Feline Brain. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 1.	0.9	19
7	Equine Stereotaxic Population Average Brain Atlas With Neuroanatomic Correlation. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 89.	0.9	16
8	Localising memory retrieval and syntactic composition: an fMRI study of naturalistic language comprehension. <i>Language, Cognition and Neuroscience</i> , 2019, 34, 491-510.	0.7	36
9	The use of diffusion tractography to characterize a corpus callosum malformation in a dog. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 743-750.	0.6	5
10	Normal diffusivity of the domestic feline brain. <i>Journal of Comparative Neurology</i> , 2019, 527, 1012-1023.	0.9	3
11	The Integration of Functional Brain Activity from Adolescence to Adulthood. <i>Journal of Neuroscience</i> , 2018, 38, 3559-3570.	1.7	32
12	Segregation of the human basal forebrain using resting state functional MRI. <i>NeuroImage</i> , 2018, 173, 287-297.	2.1	50
13	Cardiorespiratory noise correction improves the ASL signal. <i>Human Brain Mapping</i> , 2018, 39, 2353-2367.	1.9	4
14	Gas-free calibrated fMRI with a correction for vessel-size sensitivity. <i>NeuroImage</i> , 2018, 169, 176-188.	2.1	16
15	Temporal pattern of acoustic imaging noise asymmetrically modulates activation in the auditory cortex. <i>Hearing Research</i> , 2016, 331, 57-68.	0.9	5
16	Anticipatory Posturing of the Vocal Tract Reveals Dissociation of Speech Movement Plans from Linguistic Units. <i>PLoS ONE</i> , 2016, 11, e0146813.	1.1	24
17	Robust resting state fMRI processing for studies on typical brain development based on multi-echo EPI acquisition. <i>Brain Imaging and Behavior</i> , 2015, 9, 56-73.	1.1	47
18	Goal-Congruent Default Network Activity Facilitates Cognitive Control. <i>Journal of Neuroscience</i> , 2014, 34, 14108-14114.	1.7	140

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19	Pseudo-continuous arterial spin labeling at 7 T for human brain: Estimation and correction for off-resonance effects using a Prescan. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 402-410.	1.9	42
20	Effects of image contrast on functional MRI image registration. <i>NeuroImage</i> , 2013, 67, 163-174.	2.1	22
21	The effect of spatial smoothing on fMRI decoding of columnar-level organization with linear support vector machine. <i>Journal of Neuroscience Methods</i> , 2013, 212, 355-361.	1.3	35
22	Accurate decoding of sub-TR timing differences in stimulations of sub-voxel regions from multi-voxel response patterns. <i>NeuroImage</i> , 2013, 66, 623-633.	2.1	11
23	Intrinsic Structure of Visual Exemplar and Category Representations in Macaque Brain. <i>Journal of Neuroscience</i> , 2013, 33, 11346-11360.	1.7	31
24	Amygdala lesions disrupt modulation of functional MRI activity evoked by facial expression in the monkey inferior temporal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E3640-8.	3.3	116
25	Differentiating BOLD and non-BOLD signals in fMRI time series using multi-echo EPI. <i>NeuroImage</i> , 2012, 60, 1759-1770.	2.1	528
26	Robust fat suppression at 3T in high-resolution diffusion-weighted single-shot echo-planar imaging of human brain. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 1658-1665.	1.9	18
27	Modeling hemodynamic responses in auditory cortex at 1.5T using variable duration imaging acoustic noise. <i>NeuroImage</i> , 2010, 49, 3027-3038.	2.1	18
28	Characterizing Response to Elemental Unit of Acoustic Imaging Noise: An fMRI Study. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 1919-1928.	2.5	8
29	Discrepancies between BOLD and flow dynamics in primary and supplementary motor areas: application of the balloon model to the interpretation of BOLD transients. <i>NeuroImage</i> , 2004, 21, 144-153.	2.1	226
30	Nonlinear temporal dynamics of the cerebral blood flow response. <i>Human Brain Mapping</i> , 2001, 13, 1-12.	1.9	183
31	Turbo ASL: Arterial spin labeling with higher SNR and temporal resolution. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 511-515.	1.9	52
32	Articular Cartilage in the Knee: Mapping of the Physiologic Parameters at MR Imaging with a Local Gradient Coil—Preliminary Results. <i>Radiology</i> , 1999, 210, 241-246.	3.6	74
33	QUIPSS II with thin-slice T1 periodic saturation: A method for improving accuracy of quantitative perfusion imaging using pulsed arterial spin labeling. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 1246-1254.	1.9	460
34	Simultaneous gradient-echo/spin-echo EPI of graded ischemia in human skeletal muscle. <i>Journal of Magnetic Resonance Imaging</i> , 1998, 8, 1106-1113.	1.9	59
35	Effect of aging on phosphate metabolites of rat brain as revealed by the in vivo and in vitro ³¹ P NMR measurements. <i>Life Sciences</i> , 1991, 48, 2057-2063.	2.0	0
36	Auditory Target Detection Enhances Visual Processing and Hippocampal Functional Connectivity. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	7