Evan Calabrese

List of Publications by Year
in descending order

32 papers	1,621 citations	430874 18 h-index	414414 32 g-index
32 all docs	32 docs citations	32 times ranked	3098 citing authors

#	Article	IF	Citations
1	Interinstitutional Portability of a Deep Learning Brain MRI Lesion Segmentation Algorithm. Radiology: Artificial Intelligence, 2022, 4, e200152.	5.8	18
2	Structural Connectivity of Human Inferior Colliculus Subdivisions Using in vivo and post mortem Diffusion MRI Tractography. Frontiers in Neuroscience, 2022, 16, 751595.	2.8	1
3	Combining radiomics and deep convolutional neural network features from preoperative MRI for predicting clinically relevant genetic biomarkers in glioblastoma. Neuro-Oncology Advances, 2022, 4, .	0.7	22
4	A high-resolution interactive atlas of the human brainstem using magnetic resonance imaging. NeuroImage, 2021, 237, 118135.	4.2	18
5	Feasibility of Simulated Postcontrast MRI of Glioblastomas and Lower-Grade Gliomas by Using Three-dimensional Fully Convolutional Neural Networks. Radiology: Artificial Intelligence, 2021, 3, e200276.	5.8	15
6	Low-Volume and High-Volume Readers of Neurological and Musculoskeletal MRI: Achieving Subspecialization in Radiology. Journal of the American College of Radiology, 2020, 17, 314-322.	1.8	2
7	3D Exploration of the Brainstem in 50-Micron Resolution MRI. Frontiers in Neuroanatomy, 2020, 14, 40.	1.7	13
8	A fully automated artificial intelligence method for non-invasive, imaging-based identification of genetic alterations in glioblastomas. Scientific Reports, 2020, 10, 11852.	3.3	41
9	The regional pattern of abnormal cerebrovascular reactivity in HIV-infected, virally suppressed women. Journal of NeuroVirology, 2020, 26, 734-742.	2.1	8
10	Structural mapping with fiber tractography of the human cuneate fasciculus at microscopic resolution in cervical region. NeuroImage, 2019, 196, 200-206.	4.2	7
11	Mapping the human subcortical auditory system using histology, postmortem MRI and in vivo MRI at 7T. ELife, 2019, 8, .	6.0	56
12	Spinal cord gray matter segmentation using deep dilated convolutions. Scientific Reports, 2018, 8, 5966.	3.3	95
13	Repeated mild blast exposure in young adult rats results in dynamic and persistent microstructural changes in the brain. NeuroImage: Clinical, 2018, 18, 60-73.	2.7	28
14	Postmortem diffusion MRI of the entire human spinal cord at microscopic resolution. NeuroImage: Clinical, 2018, 18, 963-971.	2.7	27
15	Arteriovenous malformation of the ureter diagnosed by CT urogram. Urology Case Reports, 2018, 19, 20-22.	0.3	1
16	Quantifying the brain's sheet structure with normalized convolution. Medical Image Analysis, 2017, 39, 162-177.	11.6	15
17	Diffusion Tractography in Deep Brain Stimulation Surgery: A Review. Frontiers in Neuroanatomy, 2016, 10, 45.	1.7	74
18	Postmortem diffusion MRI of the human brainstem and thalamus for deep brain stimulator electrode localization. Human Brain Mapping, 2015, 36, 3167-3178.	3.6	84

#	Article	IF	Citations
19	Addendum to â€œWaxholm Space atlas of the Sprague Dawley rat brainâ€•[NeuroImage 97 (2014) 374-386]. NeuroImage, 2015, 105, 561-562.	4.2	17
20	A Diffusion MRI Tractography Connectome of the Mouse Brain and Comparison with Neuronal Tracer Data. Cerebral Cortex, 2015, 25, 4628-4637.	2.9	193
21	A diffusion tensor MRI atlas of the postmortem rhesus macaque brain. NeuroImage, 2015, 117, 408-416.	4.2	169
22	A high-resolution cardiovascular magnetic resonance diffusion tensor map from ex-vivo C57BL/6 murine hearts. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 77.	3.3	22
23	Diffusion Tensor Imaging Reveals White Matter Injury in a Rat Model of Repetitive Blast-Induced Traumatic Brain Injury. Journal of Neurotrauma, 2014, 31, 938-950.	3.4	51
24	Waxholm Space atlas of the Sprague Dawley rat brain. NeuroImage, 2014, 97, 374-386.	4.2	321
25	Semi-automated 3D segmentation of major tracts in the rat brain: comparing DTI with standard histological methods. Brain Structure and Function, 2014, 219, 539-550.	2.3	22
26	Segmentation of the Canine Corpus Callosum Using Diffusion-Tensor Imaging Tractography. American Journal of Roentgenology, 2014, 202, W19-W25.	2.2	9
27	Quantitative mapping of trimethyltin injury in the rat brain using magnetic resonance histology. NeuroToxicology, 2014, 42, 12-23.	3.0	22
28	Investigating the tradeoffs between spatial resolution and diffusion sampling for brain mapping with diffusion tractography: Time well spent?. Human Brain Mapping, 2014, 35, 5667-5685.	3.6	36
29	Diffusion tensor magnetic resonance histology reveals microstructural changes in the developing rat brain. NeuroImage, 2013, 79, 329-339.	4.2	22
30	An ontology-based segmentation scheme for tracking postnatal changes in the developing rodent brain with MRI. NeuroImage, 2013, 67, 375-384.	4.2	19
31	A quantitative magnetic resonance histology atlas of postnatal rat brain development with regional estimates of growth and variability. NeuroImage, 2013, 71, 196-206.	4.2	102
32	A multidimensional magnetic resonance histology atlas of the Wistar rat brain. NeuroImage, 2012, 62, 1848-1856.	4.2	91