

# Evan Calabrese

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Waxholm Space atlas of the Sprague Dawley rat brain. <i>NeuroImage</i> , 2014, 97, 374-386.	4.2	321
2	A Diffusion MRI Tractography Connectome of the Mouse Brain and Comparison with Neuronal Tracer Data. <i>Cerebral Cortex</i> , 2015, 25, 4628-4637.	2.9	193
3	A diffusion tensor MRI atlas of the postmortem rhesus macaque brain. <i>NeuroImage</i> , 2015, 117, 408-416.	4.2	169
4	A quantitative magnetic resonance histology atlas of postnatal rat brain development with regional estimates of growth and variability. <i>NeuroImage</i> , 2013, 71, 196-206.	4.2	102
5	Spinal cord gray matter segmentation using deep dilated convolutions. <i>Scientific Reports</i> , 2018, 8, 5966.	3.3	95
6	A multidimensional magnetic resonance histology atlas of the Wistar rat brain. <i>NeuroImage</i> , 2012, 62, 1848-1856.	4.2	91
7	Postmortem diffusion MRI of the human brainstem and thalamus for deep brain stimulator electrode localization. <i>Human Brain Mapping</i> , 2015, 36, 3167-3178.	3.6	84
8	Diffusion Tractography in Deep Brain Stimulation Surgery: A Review. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 45.	1.7	74
9	Mapping the human subcortical auditory system using histology, postmortem MRI and in vivo MRI at 7T. <i>ELife</i> , 2019, 8, .	6.0	56
10	Diffusion Tensor Imaging Reveals White Matter Injury in a Rat Model of Repetitive Blast-Induced Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 938-950.	3.4	51
11	A fully automated artificial intelligence method for non-invasive, imaging-based identification of genetic alterations in glioblastomas. <i>Scientific Reports</i> , 2020, 10, 11852.	3.3	41
12	Investigating the tradeoffs between spatial resolution and diffusion sampling for brain mapping with diffusion tractography: Time well spent?. <i>Human Brain Mapping</i> , 2014, 35, 5667-5685.	3.6	36
13	Repeated mild blast exposure in young adult rats results in dynamic and persistent microstructural changes in the brain. <i>NeuroImage: Clinical</i> , 2018, 18, 60-73.	2.7	28
14	Postmortem diffusion MRI of the entire human spinal cord at microscopic resolution. <i>NeuroImage: Clinical</i> , 2018, 18, 963-971.	2.7	27
15	Diffusion tensor magnetic resonance histology reveals microstructural changes in the developing rat brain. <i>NeuroImage</i> , 2013, 79, 329-339.	4.2	22
16	A high-resolution cardiovascular magnetic resonance diffusion tensor map from ex-vivo C57BL/6 murine hearts. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 77.	3.3	22
17	Semi-automated 3D segmentation of major tracts in the rat brain: comparing DTI with standard histological methods. <i>Brain Structure and Function</i> , 2014, 219, 539-550.	2.3	22
18	Quantitative mapping of trimethyltin injury in the rat brain using magnetic resonance histology. <i>NeuroToxicology</i> , 2014, 42, 12-23.	3.0	22

#	ARTICLE	IF	CITATIONS
19	Combining radiomics and deep convolutional neural network features from preoperative MRI for predicting clinically relevant genetic biomarkers in glioblastoma. <i>Neuro-Oncology Advances</i> , 2022, 4, .	0.7	22
20	An ontology-based segmentation scheme for tracking postnatal changes in the developing rodent brain with MRI. <i>NeuroImage</i> , 2013, 67, 375-384.	4.2	19
21	A high-resolution interactive atlas of the human brainstem using magnetic resonance imaging. <i>NeuroImage</i> , 2021, 237, 118135.	4.2	18
22	Interinstitutional Portability of a Deep Learning Brain MRI Lesion Segmentation Algorithm. <i>Radiology: Artificial Intelligence</i> , 2022, 4, e200152.	5.8	18
23	Addendum to "Waxholm Space atlas of the Sprague Dawley rat brain" [NeuroImage 97 (2014) 374-386]. <i>NeuroImage</i> , 2015, 105, 561-562.	4.2	17
24	Quantifying the brain's sheet structure with normalized convolution. <i>Medical Image Analysis</i> , 2017, 39, 162-177.	11.6	15
25	Feasibility of Simulated Postcontrast MRI of Glioblastomas and Lower-Grade Gliomas by Using Three-dimensional Fully Convolutional Neural Networks. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200276.	5.8	15
26	3D Exploration of the Brainstem in 50-Micron Resolution MRI. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 40.	1.7	13
27	Segmentation of the Canine Corpus Callosum Using Diffusion-Tensor Imaging Tractography. <i>American Journal of Roentgenology</i> , 2014, 202, W19-W25.	2.2	9
28	The regional pattern of abnormal cerebrovascular reactivity in HIV-infected, virally suppressed women. <i>Journal of NeuroVirology</i> , 2020, 26, 734-742.	2.1	8
29	Structural mapping with fiber tractography of the human cuneate fasciculus at microscopic resolution in cervical region. <i>NeuroImage</i> , 2019, 196, 200-206.	4.2	7
30	Low-Volume and High-Volume Readers of Neurological and Musculoskeletal MRI: Achieving Subspecialization in Radiology. <i>Journal of the American College of Radiology</i> , 2020, 17, 314-322.	1.8	2
31	Arteriovenous malformation of the ureter diagnosed by CT urogram. <i>Urology Case Reports</i> , 2018, 19, 20-22.	0.3	1
32	Structural Connectivity of Human Inferior Colliculus Subdivisions Using in vivo and post mortem Diffusion MRI Tractography. <i>Frontiers in Neuroscience</i> , 2022, 16, 751595.	2.8	1