

Andrew S Nencka

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,674
citations

393982

19
h-index

344852

36
g-index

67
all docs

67
docs citations

67
times ranked

2205
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion propagator metrics are biased when simultaneous multi-slice acceleration is used. Magnetic Resonance Imaging, 2022, 86, 46-54.	1.0	3
2	Head Impact Exposure, Gray Matter Volume, and Moderating Effects of Estimated Intelligence Quotient and Educational Attainment in Former Athletes at Midlife. Journal of Neurotrauma, 2022, 39, 497-507.	1.7	7
3	Reward Processing Brain Network Dysfunction in Late-Life grief: Relationship With Yearning and Depression. Biological Psychiatry, 2022, 91, S82.	0.7	0
4	Dynamic tracking of scaphoid, lunate, and capitate carpal bones using four-dimensional MRI. PLoS ONE, 2022, 17, e0269336.	1.1	3
5	Acute Post-Concussive Assessments of Brain Tissue Magnetism Using Magnetic Resonance Imaging. Journal of Neurotrauma, 2021, 38, 848-857.	1.7	8
6	Regional and global resting-state functional MR connectivity in temporal lobe epilepsy: Results from the Epilepsy Connectome Project. Epilepsy and Behavior, 2021, 117, 107841.	0.9	19
7	Value CMR: Towards a Comprehensive, Rapid, Cost-Effective Cardiovascular Magnetic Resonance Imaging. International Journal of Biomedical Imaging, 2021, 2021, 1-12.	3.0	6
8	Analysis and Evaluation of a Deep Learning Reconstruction Approach with Denoising for Orthopedic MRI. Radiology: Artificial Intelligence, 2021, 3, e200278.	3.0	17
9	Splitâ€slice training and hyperparameter tuning of RAKI networks for simultaneous multiâ€slice reconstruction. Magnetic Resonance in Medicine, 2021, 85, 3272-3280.	1.9	6
10	Filtered Diffusion-Weighted MRI of the Human Cervical Spinal Cord: Feasibility and Application to Traumatic Spinal Cord Injury. American Journal of Neuroradiology, 2021, 42, 2101-2106.	1.2	9
11	Resting-State fMRI Metrics in Acute Sport-Related Concussion and Their Association with Clinical Recovery: A Study from the NCAA-DOD CARE Consortium. Journal of Neurotrauma, 2020, 37, 152-162.	1.7	40
12	Editorial for â€Top 10 Reviewer Critiques of Radiology Artificial Intelligence (AI) Articles: Qualitative Thematic Analysis of Reviewer Critiques of Machine Learning / Deep Learning Manuscripts Submitted to JMIRâ€. Journal of Magnetic Resonance Imaging, 2020, 52, 255-256.	1.9	1
13	Generalized simultaneous multiâ€orientation 2D imaging. Magnetic Resonance in Medicine, 2020, 84, 847-856.	1.9	1
14	Longitudinal Reproducibility of MR Perfusion Using 3D Pseudocontinuous Arterial Spin Labeling With Hadamardâ€Encoded Multiple Postlabeling Delays. Journal of Magnetic Resonance Imaging, 2020, 51, 1846-1853.	1.9	27
15	Multispectral diffusion-weighted MRI of the instrumented cervical spinal cord: a preliminary study of 5 cases. European Spine Journal, 2020, 29, 1071-1077.	1.0	4
16	Longitudinal white-matter abnormalities in sports-related concussion. Neurology, 2020, 95, e781-e792.	1.5	47
17	Network, clinical and sociodemographic features of cognitive phenotypes in temporal lobe epilepsy. NeuroImage: Clinical, 2020, 27, 102341.	1.4	43
18	Optimization of hyperparameters for SMS reconstruction. Magnetic Resonance Imaging, 2020, 73, 91-103.	1.0	3

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19	Neuroticism in temporal lobe epilepsy is associated with altered limbic-frontal lobe resting-state functional connectivity. <i>Epilepsy and Behavior</i> , 2020, 110, 107172.	0.9	9
20	Brain aging in temporal lobe epilepsy: Chronological, structural, and functional. <i>NeuroImage: Clinical</i> , 2020, 25, 102183.	1.4	27
21	Functional connectivity and structural analysis of trial spinal cord stimulation responders in failed back surgery syndrome. <i>PLoS ONE</i> , 2020, 15, e0228306.	1.1	7
22	Radio-pathomic mapping model generated using annotations from five pathologists reliably distinguishes high-grade prostate cancer. <i>Journal of Medical Imaging</i> , 2020, 7, 054501.	0.8	15
23	Radiomic Features of Multiparametric MRI Present Stable Associations with Analogous Histological Features in Patients with Brain Cancer. <i>Tomography</i> , 2020, 6, 160-169.	0.8	25
24	Cardiac functional magnetic resonance imaging at 7T: Image quality optimization and ultra-high field capabilities. <i>World Journal of Radiology</i> , 2020, 12, 231-246.	0.5	8
25	Accurate segmentation of prostate cancer histomorphometric features using a weakly supervised convolutional neural network. <i>Journal of Medical Imaging</i> , 2020, 7, 057501.	0.8	5
26	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	2.1	539
27	Neuroanatomical correlates of personality traits in temporal lobe epilepsy: Findings from the Epilepsy Connectome Project. <i>Epilepsy and Behavior</i> , 2019, 98, 220-227.	0.9	16
28	Analysis of errors in diffusion kurtosis imaging caused by slice crosstalk in simultaneous multi-slice imaging. <i>NMR in Biomedicine</i> , 2019, 32, e4162.	1.6	3
29	Classification before Segmentation: Improved U-Net Prostate Segmentation. , 2019, , .		5
30	Prevalence of Potentially Clinically Significant Magnetic Resonance Imaging Findings in Athletes with and without Sport-Related Concussion. <i>Journal of Neurotrauma</i> , 2019, 36, 1776-1785.	1.7	37
31	Cognitive slowing and its underlying neurobiology in temporal lobe epilepsy. <i>Cortex</i> , 2019, 117, 41-52.	1.1	34
32	Using Low-Frequency Oscillations to Detect Temporal Lobe Epilepsy with Machine Learning. <i>Brain Connectivity</i> , 2019, 9, 184-193.	0.8	15
33	ICâ€Pâ€024: EFFECTIVE CONNECTIVITY WITHIN THE LEFT AND RIGHT EXECUTIVE CONTROL NETWORKS IN MCI AND AD. <i>Alzheimer's and Dementia</i> , 2019, 15, P31.	0.4	1
34	Cerebral blood flow in acute concussion: preliminary ASL findings from the NCAA-DoD CARE consortium. <i>Brain Imaging and Behavior</i> , 2019, 13, 1375-1385.	1.1	45
35	Effective Connectivity Within the Default Mode Network in Left Temporal Lobe Epilepsy: Findings from the Epilepsy Connectome Project. <i>Brain Connectivity</i> , 2019, 9, 174-183.	0.8	29
36	Restingâ€state functional connectivity after concussion is associated with clinical recovery. <i>Human Brain Mapping</i> , 2019, 40, 1211-1220.	1.9	41

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37	The Association Between Persistent White-Matter Abnormalities and Repeat Injury After Sport-Related Concussion. <i>Frontiers in Neurology</i> , 2019, 10, 1345.	1.1	16
38	Accurate segmentation of prostate cancer histomorphometric features using a weakly supervised convolutional neural network. <i>FASEB Journal</i> , 2019, 33, lb12.	0.2	1
39	Off-resonance based assessment of metallic wear debris near total hip arthroplasty. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1628-1637.	1.9	8
40	Functional connectivity density mapping: comparing multiband and conventional EPI protocols. <i>Brain Imaging and Behavior</i> , 2018, 12, 848-859.	1.1	17
41	Stability of MRI metrics in the advanced research core of the NCAA-DoD concussion assessment, research and education (CARE) consortium. <i>Brain Imaging and Behavior</i> , 2018, 12, 1121-1140.	1.1	22
42	Acute White-Matter Abnormalities in Sports-Related Concussion: A Diffusion Tensor Imaging Study from the NCAA-DoD CARE Consortium. <i>Journal of Neurotrauma</i> , 2018, 35, 2653-2664.	1.7	61
43	ICâ€161: CHARACTERIZING STRUCTURAL BRAIN ALTERATIONS IN ALZHEIMER'S DISEASE PATIENTS WITH MACHINE LEARNING. <i>Alzheimer's and Dementia</i> , 2018, 14, P135.	0.4	2
44	P2â€366: EFFECTIVE CONNECTIVITY WITHIN THE DEFAULT MODE NETWORK IN MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P833.	0.4	0
45	ICâ€031: EFFECTIVE CONNECTIVITY WITHIN THE DEFAULT MODE NETWORK IN MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P35.	0.4	0
46	Quantitative Susceptibility Mapping after Sports-Related Concussion. <i>American Journal of Neuroradiology</i> , 2018, 39, 1215-1221.	1.2	17
47	Multiband multi-echo simultaneous ASL/BOLD for task-induced functional MRI. <i>PLoS ONE</i> , 2018, 13, e0190427.	1.1	14
48	Multiband multi-echo imaging of simultaneous oxygenation and flow timeseries for resting state connectivity. <i>PLoS ONE</i> , 2017, 12, e0169253.	1.1	23
49	Radiofrequency pulse design with numerical optimization in the Fourier domain. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016, 29, 313-317.	1.1	1
50	Separation of parallel encoded complex-valued slices (SPECS) from a single complex-valued aliased coil image. <i>Magnetic Resonance Imaging</i> , 2016, 34, 359-369.	1.0	2
51	Cerebral Blood Flow Alterations in Acute Sport-Related Concussion. <i>Journal of Neurotrauma</i> , 2016, 33, 1227-1236.	1.7	147
52	Restoring Susceptibility Induced MRI Signal Loss in Rat Brain at 9.4 T: A Step towards Whole Brain Functional Connectivity Imaging. <i>PLoS ONE</i> , 2015, 10, e0119450.	1.1	15
53	Wavelet Domain Radiofrequency Pulse Design Applied to Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2015, 10, e0141151.	1.1	4
54	Personal Reflections on James S. Hyde. <i>Brain Connectivity</i> , 2014, 4, 631-635.	0.8	0

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55	Quantification of the Statistical Effects of Spatiotemporal Processing of Nontask fMRI Data. <i>Brain Connectivity</i> , 2014, 4, 649-661.	0.8	9
56	Direct radiofrequency phase control in MRI by digital waveform playback at the larmor frequency. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 846-852.	1.9	4
57	Functional connectivity of the cortical swallowing network in humans. <i>NeuroImage</i> , 2013, 76, 33-44.	2.1	34
58	Enhancing the utility of complex-valued functional magnetic resonance imaging detection of neurobiological processes through postacquisition estimation and correction of dynamic errors and motion. <i>Human Brain Mapping</i> , 2012, 33, 288-306.	1.9	10
59	Hemodynamics of the Rat Aortic Arch. , 2012, , .		0
60	Two-Axis Acceleration of Functional Connectivity Magnetic Resonance Imaging by Parallel Excitation of Phase-Tagged Slices and Half k-Space Acceleration. <i>Brain Connectivity</i> , 2011, 1, 81-90.	0.8	15
61	A simple method for rectified noise floor suppression: Phase-corrected real data reconstruction with application to diffusion-weighted imaging. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 418-429.	1.9	34
62	Functional magnetic resonance imaging brain activation directly from k-space. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1370-1381.	1.0	5
63	A Mathematical Model for Understanding the Statistical effects of k-space (AMMUST-k) preprocessing on observed voxel measurements in fcMRI and fMRI. <i>Journal of Neuroscience Methods</i> , 2009, 181, 268-282.	1.3	12
64	Improving robustness and reliability of phase-sensitive fMRI analysis using temporal off-resonance alignment of single-echo timeseries (TOAST). <i>NeuroImage</i> , 2009, 44, 742-752.	2.1	30
65	Reducing the unwanted draining vein BOLD contribution in fMRI with statistical post-processing methods. <i>NeuroImage</i> , 2007, 37, 177-188.	2.1	44
66	Signal and noise of Fourier reconstructed fMRI data. <i>Journal of Neuroscience Methods</i> , 2007, 159, 361-369.	1.3	22