

Roland G Henry

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6335152/publications.pdf>

Version: 2024-02-01

88
papers

5,243
citations

94433

37
h-index

91884

69
g-index

96
all docs

96
docs citations

96
times ranked

6990
citing authors

#	ARTICLE	IF	CITATIONS
1	Polygenic risk score association with multiple sclerosis susceptibility and phenotype in Europeans. <i>Brain</i> , 2023, 146, 645-656.	7.6	15
2	Spinal Cord Atrophy Predicts Progressive Disease in Relapsing Multiple Sclerosis. <i>Annals of Neurology</i> , 2022, 91, 268-281.	5.3	39
3	Simultaneous assessment of regional distributions of atrophy across the neuraxis in MS patients. <i>NeuroImage: Clinical</i> , 2022, 34, 102985.	2.7	5
4	Reply to "Spinal Cord Atrophy Is a Preclinical Marker of Progressive MS". <i>Annals of Neurology</i> , 2022, 91, 735-736.	5.3	0
5	A hormonal therapy for menopausal women with MS: A phase Ib/IIa randomized controlled trial. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 61, 103747.	2.0	5
6	A novel in-home digital treatment to improve processing speed in people with multiple sclerosis: A pilot study. <i>Multiple Sclerosis Journal</i> , 2021, 27, 778-789.	3.0	21
7	Application of an Adaptive, Digital, Game-Based Approach for Cognitive Assessment in Multiple Sclerosis: Observational Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e24356.	4.3	10
8	Central vein sign: A diagnostic biomarker in multiple sclerosis (CAVS-MS) study protocol for a prospective multicenter trial. <i>NeuroImage: Clinical</i> , 2021, 32, 102834.	2.7	23
9	Multimodal MRI staging for tracking progression and clinical-imaging correlation in sporadic Creutzfeldt-Jakob disease. <i>NeuroImage: Clinical</i> , 2021, 30, 102523.	2.7	9
10	A pilot study of oxidative pathways in MS fatigue: randomized trial of N-acetyl cysteine. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 811-824.	3.7	8
11	Deep grey matter injury in multiple sclerosis: a NAIMS consensus statement. <i>Brain</i> , 2021, 144, 1974-1984.	7.6	31
12	Specific hypomethylation programs underpin B cell activation in early multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	14
13	Intersubject Variability and Normalization Strategies for Spinal Cord Total Cross-Sectional and Gray Matter Areas. <i>Journal of Neuroimaging</i> , 2020, 30, 110-118.	2.0	31
14	Intensity warping for multisite MRI harmonization. <i>NeuroImage</i> , 2020, 223, 117242.	4.2	34
15	Gut microbiota-specific IgA ⁺ B cells traffic to the CNS in active multiple sclerosis. <i>Science Immunology</i> , 2020, 5, .	11.9	132
16	MRI Measurement of Upper Cervical Spinal Cord Cross-Sectional Area in Children. <i>Journal of Neuroimaging</i> , 2020, 30, 598-602.	2.0	7
17	Imaging correlates of visual function in multiple sclerosis. <i>PLoS ONE</i> , 2020, 15, e0235615.	2.5	5
18	Neurite Orientation Dispersion and Density Imaging for Assessing Acute Inflammation and Lesion Evolution in MS. <i>American Journal of Neuroradiology</i> , 2020, 41, 2219-2226.	2.4	14

#	ARTICLE	IF	CITATIONS
19	Imaging Mechanisms of Disease Progression in Multiple Sclerosis: Beyond Brain Atrophy. <i>Journal of Neuroimaging</i> , 2020, 30, 251-266.	2.0	24
20	Brain MRI Predicts Worsening Multiple Sclerosis Disability over 5 Years in the SUMMIT Study. <i>Journal of Neuroimaging</i> , 2020, 30, 212-218.	2.0	11
21	fMRI-Targeted High-Angular Resolution Diffusion MR Tractography to Identify Functional Language Tracts in Healthy Controls and Glioma Patients. <i>Frontiers in Neuroscience</i> , 2020, 14, 225.	2.8	27
22	A Precision Medicine Tool for Patients With Multiple Sclerosis (the Open MS BioScreen): Human-Centered Design and Development. <i>Journal of Medical Internet Research</i> , 2020, 22, e15605.	4.3	23
23	Longitudinal Disconnection Tractograms to Investigate the Functional Consequences of White Matter Damage: An Automated Pipeline. <i>Journal of Neuroimaging</i> , 2020, 30, 443-457.	2.0	1
24	Imaging correlates of visual function in multiple sclerosis. , 2020, 15, e0235615.		0
25	Imaging correlates of visual function in multiple sclerosis. , 2020, 15, e0235615.		0
26	Imaging correlates of visual function in multiple sclerosis. , 2020, 15, e0235615.		0
27	Imaging correlates of visual function in multiple sclerosis. , 2020, 15, e0235615.		0
28	Subcortical stimulation mapping of descending motor pathways for perirolandic gliomas: assessment of morbidity and functional outcome in 702 cases. <i>Journal of Neurosurgery</i> , 2019, 131, 201-208.	1.6	46
29	Association Between Serum Neurofilament Light Chain Levels and Long-term Disease Course Among Patients With Multiple Sclerosis Followed up for 12 Years. <i>JAMA Neurology</i> , 2019, 76, 1359.	9.0	129
30	Long-Term Safety, Immunologic Response, and Imaging Outcomes following Neural Stem Cell Transplantation for Pelizaeus-Merzbacher Disease. <i>Stem Cell Reports</i> , 2019, 13, 254-261.	4.8	34
31	Telomere Length Is Associated with Disability Progression in Multiple Sclerosis. <i>Annals of Neurology</i> , 2019, 86, 671-682.	5.3	41
32	An Open-Source Tool for Anisotropic Radiation Therapy Planning in Neuro-oncology Using DW-MRI Tractography. <i>Frontiers in Oncology</i> , 2019, 9, 810.	2.8	7
33	Multisite reliability and repeatability of an advanced brain MRI protocol. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 878-888.	3.4	27
34	Silent progression in disease activity-free relapsing multiple sclerosis. <i>Annals of Neurology</i> , 2019, 85, 653-666.	5.3	265
35	Imaging outcome measures of neuroprotection and repair in MS. <i>Neurology</i> , 2019, 92, 519-533.	1.1	53
36	Evaluation of Intra- and Interscanner Reliability of MRI Protocols for Spinal Cord Gray Matter and Total Cross-sectional Area Measurements. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1078-1090.	3.4	21

#	ARTICLE	IF	CITATIONS
37	Harnessing electronic medical records to advance research on multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2019, 25, 408-418.	3.0	21
38	Longitudinally persistent cerebrospinal fluid B-cells can resist treatment in multiple sclerosis. <i>JCI Insight</i> , 2019, 4, .	5.0	22
39	An Automated Statistical Technique for Counting Distinct Multiple Sclerosis Lesions. <i>American Journal of Neuroradiology</i> , 2018, 39, 626-633.	2.4	24
40	Ovarian aging is associated with gray matter volume and disability in women with MS. <i>Neurology</i> , 2018, 90, e254-e260.	1.1	41
41	Clemastine rescues myelination defects and promotes functional recovery in hypoxic brain injury. <i>Brain</i> , 2018, 141, 85-98.	7.6	83
42	Mindcontrol: A web application for brain segmentation quality control. <i>NeuroImage</i> , 2018, 170, 365-372.	4.2	47
43	Gradient nonlinearity effects on upper cervical spinal cord area measurement from 3D T ₁ -weighted brain MRI acquisitions. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1595-1601.	3.0	27
44	Cluster Confidence Index: A Streamline-Wise Pathway Reproducibility Metric for Diffusion-Weighted MRI Tractography. <i>Journal of Neuroimaging</i> , 2018, 28, 64-69.	2.0	23
45	In vivo characterization of brain ultrashort T ₂ components. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 726-735.	3.0	29
46	Improved three-dimensional multi-echo gradient echo based myelin water fraction mapping with phase related artifact correction. <i>NeuroImage</i> , 2018, 169, 1-10.	4.2	26
47	The NAIMS cooperative pilot project: Design, implementation and future directions. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1770-1772.	3.0	12
48	Measurement of spinal cord atrophy using phase sensitive inversion recovery (PSIR) imaging in motor neuron disease. <i>PLoS ONE</i> , 2018, 13, e0208255.	2.5	10
49	White matter measures are near normal in controlled HIV infection except in those with cognitive impairment and longer HIV duration. <i>Journal of NeuroVirology</i> , 2017, 23, 539-547.	2.1	39
50	Onset of secondary progressive MS after long-term rituximab therapy – a case report. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 46-52.	3.7	22
51	Spinal cord grey matter segmentation challenge. <i>NeuroImage</i> , 2017, 152, 312-329.	4.2	97
52	Clemastine fumarate as a remyelinating therapy for multiple sclerosis (ReBUILD): a randomised, controlled, double-blind, crossover trial. <i>Lancet</i> , The, 2017, 390, 2481-2489.	18.7	377
53	Volumetric Analysis from a Harmonized Multisite Brain MRI Study of a Single Subject with Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2017, 38, 1501-1509.	2.4	95
54	Advances in Imaging Multiple Sclerosis. <i>Seminars in Neurology</i> , 2017, 37, 538-545.	1.4	6

#	ARTICLE	IF	CITATIONS
55	Clonal relationships of CSF B cells in treatment-naive multiple sclerosis patients. JCI Insight, 2017, 2, .	5.0	84
56	Structural connectivity of the human anterior temporal lobe: A diffusion magnetic resonance imaging study. Human Brain Mapping, 2016, 37, 2210-2222.	3.6	47
57	Neurite Orientation Dispersion and Density Imaging Color Maps to Characterize Brain Diffusion in Neurologic Disorders. Journal of Neuroimaging, 2016, 26, 494-498.	2.0	53
58	Quantitative MRI of the spinal cord and brain in adrenomyeloneuropathy: <i>in vivo</i> assessment of structural changes. Brain, 2016, 139, 1735-1746.	7.6	44
59	Ultrashort echo time and zero echo time MRI at 7T. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2016, 29, 359-370.	2.0	59
60	Healthy brain connectivity predicts atrophy progression in non-fluent variant of primary progressive aphasia. Brain, 2016, 139, 2778-2791.	7.6	108
61	Long-term evolution of multiple sclerosis disability in the treatment era. Annals of Neurology, 2016, 80, 499-510.	5.3	331
62	The central vein sign and its clinical evaluation for the diagnosis of multiple sclerosis: a consensus statement from the North American Imaging in Multiple Sclerosis Cooperative. Nature Reviews Neurology, 2016, 12, 714-722.	10.1	274
63	HLA Genetic Risk Burden in Multiple Sclerosis—Reply. JAMA Neurology, 2016, 73, 1501.	9.0	0
64	Association of HLA Genetic Risk Burden With Disease Phenotypes in Multiple Sclerosis. JAMA Neurology, 2016, 73, 795.	9.0	64
65	Power estimation for non-standardized multisite studies. NeuroImage, 2016, 134, 281-294.	4.2	36
66	Identifying preoperative language tracts and predicting postoperative functional recovery using HARDI q-ball fiber tractography in patients with gliomas. Journal of Neurosurgery, 2016, 125, 33-45.	1.6	109
67	2D phase-sensitive inversion recovery imaging to measure <i>in vivo</i> spinal cord gray and white matter areas in clinically feasible acquisition times. Journal of Magnetic Resonance Imaging, 2015, 42, 698-708.	3.4	29
68	Association Between Thoracic Spinal Cord Gray Matter Atrophy and Disability in Multiple Sclerosis. JAMA Neurology, 2015, 72, 897.	9.0	78
69	Age, Gender and Normalization Covariates for Spinal Cord Gray Matter and Total Cross-Sectional Areas at Cervical and Thoracic Levels: A 2D Phase Sensitive Inversion Recovery Imaging Study. PLoS ONE, 2015, 10, e0118576.	2.5	54
70	Q-Ball of Inferior Fronto-Occipital Fasciculus and Beyond. PLoS ONE, 2014, 9, e100274.	2.5	84
71	Spinal cord gray matter atrophy correlates with multiple sclerosis disability. Annals of Neurology, 2014, 76, 568-580.	5.3	158
72	White matter involvement in sporadic Creutzfeldt-Jakob disease. Brain, 2014, 137, 3339-3354.	7.6	42

#	ARTICLE	IF	CITATIONS
73	Frontal White Matter Tracts Sustaining Speech Production in Primary Progressive Aphasia. <i>Journal of Neuroscience</i> , 2014, 34, 9754-9767.	3.6	142
74	Precision medicine in chronic disease management: The multiple sclerosis <sc>B</sc>io<sc>S</sc>reen. <i>Annals of Neurology</i> , 2014, 76, 633-642.	5.3	53
75	Quantifying accuracy and precision of diffusion MR tractography of the corticospinal tract in brain tumors. <i>Journal of Neurosurgery</i> , 2014, 121, 349-358.	1.6	77
76	Quantifying diffusion MRI tractography of the corticospinal tract in brain tumors with deterministic and probabilistic methods. <i>NeuroImage: Clinical</i> , 2013, 3, 361-368.	2.7	118
77	Connecting white matter injury and thalamic atrophy in clinically isolated syndromes. <i>Journal of the Neurological Sciences</i> , 2009, 282, 61-66.	0.6	115
78	Mind Meld: Collaborative Approaches to Understanding How We All Think. <i>Brain Imaging and Behavior</i> , 2008, 2, 343-349.	2.1	3
79	Probabilistic streamline q-ball tractography using the residual bootstrap. <i>NeuroImage</i> , 2008, 39, 215-222.	4.2	152
80	Accuracy of diffusion tensor magnetic resonance imaging tractography assessed using intraoperative subcortical stimulation mapping and magnetic source imaging. <i>Journal of Neurosurgery</i> , 2007, 107, 488-494.	1.6	203
81	Diffusion Tensor Imaging with Three-dimensional Fiber Tractography of Traumatic Axonal Shearing Injury: An Imaging Correlate for the Posterior Callosal "Disconnection" Syndrome: Case Report. <i>Neurosurgery</i> , 2005, 56, E195-E201.	1.1	78
82	Subcortical pathways serving cortical language sites: initial experience with diffusion tensor imaging fiber tracking combined with intraoperative language mapping. <i>NeuroImage</i> , 2004, 21, 616-622.	4.2	144
83	Directional diffusion in relapsing-remitting multiple sclerosis: A possible in vivo signature of Wallerian degeneration. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 18, 420-426.	3.4	75
84	DTI-based three-dimensional tractography detects differences in the pyramidal tracts of infants and children with congenital hemiparesis. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 18, 641-648.	3.4	97
85	Menstrual cycle variation of apparent diffusion coefficients measured in the normal breast using MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 433-438.	3.4	104
86	The role of isotropic diffusion MRI in children under 2 years of age. <i>European Radiology</i> , 2001, 11, 1006-1014.	4.5	17
87	High spatial resolution 1H-MRSI and segmented MRI of cortical gray matter and subcortical white matter in three regions of the human brain. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 21-29.	3.0	82
88	Default Mode Network quantitative diffusion and resting-state functional magnetic resonance imaging correlates in sporadic Creutzfeldt-Jakob disease. <i>Human Brain Mapping</i> , 0, , .	3.6	4