

# Rebecca S Samson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2489424/publications.pdf>

Version: 2024-02-01

34  
papers

1,076  
citations

471509

17  
h-index

434195

31  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1505  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Slowly Expanding Lesions on MRI With Disability in People With Secondary Progressive Multiple Sclerosis. <i>Neurology</i> , 2022, 98, .	1.1	31
2	Comparison of multicenter <scp>MRI</scp> protocols for visualizing the spinal cord gray matter. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 849-859.	3.0	4
3	Blood Oxygenation Level-Dependent Response to Multiple Grip Forces in Multiple Sclerosis: Going Beyond the Main Effect of Movement in Brodmann Area 4a and 4p. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 616028.	3.7	5
4	Cortical involvement determines impairment 30 years after a clinically isolated syndrome. <i>Brain</i> , 2021, 144, 1384-1395.	7.6	24
5	Open-access quantitative MRI data of the spinal cord and reproducibility across participants, sites and manufacturers. <i>Scientific Data</i> , 2021, 8, 219.	5.3	27
6	Tracking White and Gray Matter Degeneration along the Spinal Cord Axis in Degenerative Cervical Myelopathy. <i>Journal of Neurotrauma</i> , 2021, 38, 2978-2987.	3.4	19
7	Generic acquisition protocol for quantitative MRI of the spinal cord. <i>Nature Protocols</i> , 2021, 16, 4611-4632.	12.0	65
8	Safety and efficacy of bexarotene in patients with relapsing-remitting multiple sclerosis (CCMR One): a randomised, double-blind, placebo-controlled, parallel-group, phase 2a study. <i>Lancet Neurology</i> , The, 2021, 20, 709-720.	10.2	44
9	Assessing Lumbar Plexus and Sciatic Nerve Damage in Relapsing-Remitting Multiple Sclerosis Using Magnetisation Transfer Ratio. <i>Frontiers in Neurology</i> , 2021, 12, 763143.	2.4	6
10	Periventricular magnetisation transfer ratio abnormalities in multiple sclerosis improve after alemtuzumab. <i>Multiple Sclerosis Journal</i> , 2020, 26, 1093-1101.	3.0	6
11	Magnetisation transfer ratio abnormalities in primary and secondary progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2020, 26, 679-687.	3.0	11
12	Multiparameter mapping of relaxation (<scp>R1</scp>, <scp>R2</scp>*), proton density and magnetization transfer saturation at <scp>3 T</scp>: A multicenter dualâ€ vendor reproducibility and repeatability study. <i>Human Brain Mapping</i> , 2020, 41, 4232-4247.	3.6	59
13	Amiloride, fluoxetine or riluzole to reduce brain volume loss in secondary progressive multiple sclerosis: the MS-SMART four-arm RCT. <i>Efficacy and Mechanism Evaluation</i> , 2020, 7, 1-72.	0.7	11
14	Fast bound pool fraction mapping via steadyâ€ state magnetization transfer saturation using singleâ€ shot EPI. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 1025-1040.	3.0	8
15	Response to the commentary of Yates RL and DeLuca GC on the study: HLA-DRB1*1501 associations with magnetic resonance imaging measures of grey matter pathology in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 19, 168-170.	2.0	2
16	An optimized framework for quantitative magnetization transfer imaging of the cervical spinal cord in vivo. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2576-2588.	3.0	15
17	Fast and reproducible in vivo T<sub>1</sub> mapping of the human cervical spinal cord. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2142-2148.	3.0	20
18	An abnormal periventricular magnetization transfer ratio gradient occurs early in multiple sclerosis. <i>Brain</i> , 2017, 140, 387-398.	7.6	62

#	ARTICLE	IF	CITATIONS
19	Cerebellar lobules and dentate nuclei mirror cortical force-related BOLD responses: Beyond all (linear) expectations. <i>Human Brain Mapping</i> , 2017, 38, 2566-2579.	3.6	14
20	ZOOM or Non-ZOOM? Assessing Spinal Cord Diffusion Tensor Imaging Protocols for Multi-Centre Studies. <i>PLoS ONE</i> , 2016, 11, e0155557.	2.5	58
21	Relationship of grey and white matter abnormalities with distance from the surface of the brain in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1212-1217.	1.9	53
22	HLA-DRB*1501 associations with magnetic resonance imaging measures of grey matter pathology in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2016, 7, 47-52.	2.0	14
23	Characteristics of lesional and extra-lesional cortical grey matter in relapsing and secondary progressive multiple sclerosis: A magnetisation transfer and diffusion tensor imaging study. <i>Multiple Sclerosis Journal</i> , 2016, 22, 150-159.	3.0	26
24	Complex motor task associated with non-linear BOLD responses in cerebro-cortical areas and cerebellum. <i>Brain Structure and Function</i> , 2016, 221, 2443-2458.	2.3	33
25	Reduced Field-of-View Diffusion-Weighted Imaging of the Lumbosacral Enlargement: A Pilot In Vivo Study of the Healthy Spinal Cord at 3T. <i>PLoS ONE</i> , 2016, 11, e0164890.	2.5	11
26	Magnetization transfer ratio measures in normal-appearing white matter show periventricular gradient abnormalities in multiple sclerosis. <i>Brain</i> , 2015, 138, 1239-1246.	7.6	78
27	Cervical cord lesion load is associated with disability independently from atrophy in MS. <i>Neurology</i> , 2015, 84, 367-373.	1.1	95
28	Motor network efficiency and disability in multiple sclerosis. <i>Neurology</i> , 2015, 85, 1115-1122.	1.1	40
29	Grey and White Matter Magnetisation Transfer Ratio Measurements in the Lumbosacral Enlargement: A Pilot In Vivo Study at 3T. <i>PLoS ONE</i> , 2015, 10, e0134495.	2.5	3
30	Investigation of outer cortical magnetisation transfer ratio abnormalities in multiple sclerosis clinical subgroups. <i>Multiple Sclerosis Journal</i> , 2014, 20, 1322-1330.	3.0	53
31	Memory in multiple sclerosis is linked to glutamate concentration in grey matter regions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 833-839.	1.9	77
32	Investigation of magnetization transfer ratio-derived pial and subpial abnormalities in the multiple sclerosis spinal cord. <i>Brain</i> , 2014, 137, 2456-2468.	7.6	39
33	REGIONAL PATTERNS OF GREY MATTER ATROPHY AND MAGNETISATION TRANSFER RATIO ABNORMALITIES IN MULTIPLE SCLEROSIS CLINICAL SUBGROUPS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, e2.94-e2.	1.9	0
34	A simple correction for B1 field errors in magnetization transfer ratio measurements. <i>Magnetic Resonance Imaging</i> , 2006, 24, 255-263.	1.8	55