Renaud Du Pasquier

List of Publications by Year in descending order

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136 7,456 41 83 g-index

139 139 139 139 10312

times ranked

citing authors

docs citations

all docs

#	Article	IF	CITATIONS
1	Type I Interferon Inhibits Interleukin-1 Production and Inflammasome Activation. Immunity, 2011, 34, 213-223.	14.3	810
2	Cognitive dysfunction in HIV patients despite long-standing suppression of viremia. Aids, 2010, 24, 1243-1250.	2.2	592
3	EFNS guidelines on diagnosis and management of neuromyelitis optica. European Journal of Neurology, 2010, 17, 1019-1032.	3.3	376
4	Elevated Tribbles homolog 2–specific antibody levels in narcolepsy patients. Journal of Clinical Investigation, 2010, 120, 713-719.	8.2	263
5	Functional signatures of protective antiviral Tâ€eell immunity in human virus infections. Immunological Reviews, 2006, 211, 236-254.	6.0	256
6	Chronic Parkinsonism Associated With Cirrhosis. Archives of Neurology, 2003, 60, 521.	4. 5	233
7	Serum neurofilament light chain for individual prognostication of disease activity in people with multiple sclerosis: a retrospective modelling and validation study. Lancet Neurology, The, 2022, 21, 246-257.	10.2	210
8	Serum neurofilament light chain in early relapsing remitting MS is increased and correlates with CSF levels and with MRI measures of disease severity. Multiple Sclerosis Journal, 2016, 22, 1550-1559.	3.0	202
9	A prospective study demonstrates an association between JC virus-specific cytotoxic T lymphocytes and the early control of progressive multifocal leukoencephalopathy. Brain, 2004, 127, 1970-1978.	7.6	188
10	Strong EBV-specific CD8+ T-cell response in patients with early multiple sclerosis. Brain, 2008, 131, 1712-1721.	7.6	150
11	Two patients with acute meningoencephalitis concomitant with SARSâ€CoVâ€2 infection. European Journal of Neurology, 2020, 27, e43-e44.	3.3	149
12	Inflammatory Reaction in Progressive Multifocal Leukoencephalopathy: Harmful or Beneficial?. Journal of NeuroVirology, 2003, 9, 25-31.	2.1	135
13	Association of Prolonged Survival in HLA-A2+ Progressive Multifocal Leukoencephalopathy Patients with a CTL Response Specific for a Commonly Recognized JC Virus Epitope. Journal of Immunology, 2002, 168, 499-504.	0.8	129
14	Interplay of Cellular and Humoral Immune Responses against BK Virus in Kidney Transplant Recipients with Polyomavirus Nephropathy. Journal of Virology, 2006, 80, 3495-3505.	3.4	129
15	JC Virus-Specific Cytotoxic T Lymphocytes in Individuals with Progressive Multifocal Leukoencephalopathy. Journal of Virology, 2001, 75, 3483-3487.	3.4	125
16	The effect of aging on postural stability: a cross sectional and longitudinal study. Neurophysiologie Clinique, 2003, 33, 213-218.	2.2	116
17	Human Induced Pluripotent Stem Cell-Derived Astrocytes Are Differentially Activated by Multiple Sclerosis-Associated Cytokines. Stem Cell Reports, 2018, 11, 1199-1210.	4.8	114
18	Pattern of cognitive deficits in severe COVID-19. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 567-568.	1.9	108

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19	Fatal PML associated with efalizumab therapy. Neurology, 2012, 78, 458-467.	1.1	103
20	The Self-Inactivating KamiCas9 System for the Editing of CNS Disease Genes. Cell Reports, 2017, 20, 2980-2991.	6.4	96
21	Magnetic resonance imaging and proton spectroscopic alterations correlate with parkinsonian signs in patients with cirrhosis. Gastroenterology, 2000, 119, 774-781.	1.3	94
22	Paramagnetic Rim Lesions are Specific to Multiple Sclerosis: An International Multicenter 3T MRI Study. Annals of Neurology, 2020, 88, 1034-1042.	5.3	89
23	Natalizumab may control immune checkpoint inhibitor–induced limbic encephalitis. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e439.	6.0	87
24	Immune responses to JC virus in patients with multiple sclerosis treated with natalizumab: a cross-sectional and longitudinal study. Lancet Neurology, The, 2010, 9, 264-272.	10.2	86
25	Interleukin-22 is increased in multiple sclerosis patients and targets astrocytes. Journal of Neuroinflammation, 2015, 12, 119.	7.2	85
26	Low Frequency of Cytotoxic T Lymphocytes against the Novel HLA-A*0201-Restricted JC Virus Epitope VP1 p36 in Patients with Proven or Possible Progressive Multifocal Leukoencephalopathy. Journal of Virology, 2003, 77, 11918-11926.	3.4	84
27	Intrathecal immune responses to EBV in early MS. European Journal of Immunology, 2010, 40, 878-887.	2.9	83
28	Impairment of JCV-specific T-cell response by corticotherapy. Neurology, 2012, 79, 2258-2264.	1.1	82
29	Vitamin D has a direct immunomodulatory effect on CD8+ T cells of patients with early multiple sclerosis and healthy control subjects. Journal of Neuroimmunology, 2011, 233, 240-244.	2.3	80
30	Detection of JC Virus-Specific Cytotoxic T Lymphocytes in Healthy Individuals. Journal of Virology, 2004, 78, 10206-10210.	3.4	78
31	Severe but reversible encephalopathy associated with cefepime. Neurophysiologie Clinique, 2000, 30, 383-386.	2.2	77
32	JC Virus-Specific Immune Responses in Human Immunodeficiency Virus Type 1 Patients with Progressive Multifocal Leukoencephalopathy. Journal of Virology, 2009, 83, 4404-4411.	3.4	74
33	Advanced MRI unravels the nature of tissue alterations in early multiple sclerosis. Annals of Clinical and Translational Neurology, 2014, 1, 423-432.	3.7	67
34	Status epilepticus of inflammatory etiology. Neurology, 2015, 85, 464-470.	1.1	64
35	Automated detection of white matter and cortical lesions in early stages of multiple sclerosis. Journal of Magnetic Resonance Imaging, 2016, 43, 1445-1454.	3.4	64
36	Favourable outcome of progressive multifocal leucoencephalopathy in two patients with dermatomyositis. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 1079-1082.	1.9	63

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37	PML risk stratification using anti-JCV antibody index and L-selectin. Multiple Sclerosis Journal, 2016, 22, 1048-1060.	3.0	62
38	CSF enrichment of highly differentiated CD8+ T cells in early multiple sclerosis. Clinical Immunology, 2007, 123, 105-113.	3.2	57
39	Chronic White Matter Inflammation and Serum Neurofilament Levels in Multiple Sclerosis. Neurology, 2021, 97, e543-e553.	1.1	54
40	A phase Ila randomised clinical study of GNbAC1, a humanised monoclonal antibody against the envelope protein of multiple sclerosis-associated endogenous retrovirus in multiple sclerosis patients. Multiple Sclerosis Journal, 2015, 21, 885-893.	3.0	53
41	Advancing human induced pluripotent stem cellâ€derived bloodâ€brain barrier models for studying immune cell interactions. FASEB Journal, 2020, 34, 16693-16715.	0.5	47
42	The "central vein sign―in patients with diagnostic "red flags―for multiple sclerosis: A prospective multicenter 3T study. Multiple Sclerosis Journal, 2020, 26, 421-432.	3.0	44
43	A phase IIa randomized clinical study testing GNbAC1, a humanized monoclonal antibody against the envelope protein of multiple sclerosis associated endogenous retrovirus in multiple sclerosis patients $\hat{a} \in \mathcal{C}$ A twelve month follow-up. Journal of Neuroimmunology, 2015, 285, 68-70.	2.3	41
44	Association of Brain Atrophy With Disease Progression Independent of Relapse Activity in Patients With Relapsing Multiple Sclerosis. JAMA Neurology, 2022, 79, 682.	9.0	41
45	Immunological and clinical consequences of treating a patient with natalizumab. Multiple Sclerosis Journal, 2012, 18, 335-344.	3.0	40
46	Motor behavior unmasks residual cognition in disorders of consciousness. Annals of Neurology, 2019, 85, 443-447.	5.3	40
47	EBI2 Expression and Function: Robust in Memory Lymphocytes and Increased by Natalizumab in Multiple Sclerosis. Cell Reports, 2017, 18, 213-224.	6.4	38
48	The Swiss Multiple Sclerosis Cohort-Study (SMSC): A Prospective Swiss Wide Investigation of Key Phases in Disease Evolution and New Treatment Options. PLoS ONE, 2016, 11, e0152347.	2.5	38
49	Intrinsic blood–brain barrier dysfunction contributes to multiple sclerosis pathogenesis. Brain, 2022, 145, 4334-4348.	7.6	37
50	Presence of JC virus-specific CTL in the cerebrospinal fluid of PML patients: rationale for immune-based therapeutic strategies. Aids, 2005, 19, 2069-2076.	2.2	36
51	HLA-B7–Restricted EBV-Specific CD8+ T Cells Are Dysregulated in Multiple Sclerosis. Journal of Immunology, 2012, 188, 4671-4680.	0.8	36
52	Increased ex vivo antigen presentation profile of B cells in multiple sclerosis. Multiple Sclerosis Journal, 2017, 23, 802-809.	3.0	36
53	CSF lactate for accurate diagnosis of community-acquired bacterial meningitis. European Journal of Clinical Microbiology and Infectious Diseases, 2015, 34, 2049-2055.	2.9	35
54	The Presence of Human Immunodeficiency Virus-Associated Neurocognitive Disorders Is Associated With a Lower Adherence to Combined Antiretroviral Treatment. Open Forum Infectious Diseases, 2017, 4, ofx070.	0.9	34

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55	Encephalopathies Associated With Severe COVID-19 Present Neurovascular Unit Alterations Without Evidence for Strong Neuroinflammation. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	6.0	34
56	Neuromyelitis optica following CMV primo-infection. Journal of Internal Medicine, 2007, 261, 500-503.	6.0	32
57	Type I IFN-mediated regulation of IL-1 production in inflammatory disorders. Cellular and Molecular Life Sciences, 2012, 69, 3395-3418.	5.4	32
58	Rivastigmine for HIV-associated neurocognitive disorders. Neurology, 2013, 80, 553-560.	1.1	32
59	Exploring the effect of vitamin D ₃ supplementation on the anti-EBV antibody response in relapsing-remitting multiple sclerosis. Multiple Sclerosis Journal, 2018, 24, 1280-1287.	3.0	32
60	CVSnet: A machine learning approach for automated central vein sign assessment in multiple sclerosis. NMR in Biomedicine, 2020, 33, e4283.	2.8	31
61	Multicontrast <i>connectometry</i> : A new tool to assess cerebellum alterations in early relapsingâ€remitting multiple sclerosis. Human Brain Mapping, 2015, 36, 1609-1619.	3.6	30
62	JC virus induces a vigorous CD8+ cytotoxic T cell response in multiple sclerosis patients. Journal of Neuroimmunology, 2006, 176, 181-186.	2.3	27
63	The Combined Quantification and Interpretation of Multiple Quantitative Magnetic Resonance Imaging Metrics Enlightens Longitudinal Changes Compatible with Brain Repair in Relapsing-Remitting Multiple Sclerosis Patients. Frontiers in Neurology, 2017, 8, 506.	2.4	27
64	Periodic downbeat nystagmus. Neurology, 1998, 51, 1478-1480.	1.1	26
65	Immunological Mechanism of Action and Clinical Profile of Disease-Modifying Treatments in Multiple Sclerosis. CNS Drugs, 2014, 28, 535-558.	5.9	26
66	Progressive decline of decision-making performances during multiple sclerosis. Journal of the International Neuropsychological Society, 2009, 15, 291-295.	1.8	25
67	Demyelination as a complication of new immunomodulatory treatments. Current Opinion in Neurology, 2010, 23, 226-233.	3.6	25
68	MP2RAGE provides new clinically-compatible correlates of mild cognitive deficits in relapsing-remitting multiple sclerosis. Journal of Neurology, 2014, 261, 1606-1613.	3.6	24
69	Impaired T-cell migration to the CNS under fingolimod and dimethyl fumarate. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e401.	6.0	24
70	Marked increase of the astrocytic marker S100B in the cerebrospinal fluid of HIV-infected patients on LPV/r-monotherapy. Aids, 2013, 27, 203-210.	2.2	23
71	Multiple Sclerosis Decreases Explicit Counterfactual Processing and Risk Taking in Decision Making. PLoS ONE, 2012, 7, e50718.	2.5	23
72	Progressive multifocal leukoencephalopathy in common variable immunodeficiency: mitigated course under mirtazapine and mefloquine. Journal of NeuroVirology, 2015, 21, 694-701.	2.1	22

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73	RimNet: A deep 3D multimodal MRI architecture for paramagnetic rim lesion assessment in multiple sclerosis. NeuroImage: Clinical, 2020, 28, 102412.	2.7	21
74	Environmental factors in multiple sclerosis. Presse Medicale, 2015, 44, e113-e120.	1.9	20
75	Cross-Sectional and Cumulative Longitudinal Central Nervous System Penetration Effectiveness Scores Are Not Associated With Neurocognitive Impairment in a Well Treated Aging Human Immunodeficiency Virus-Positive Population in Switzerland. Open Forum Infectious Diseases, 2019, 6, ofz277.	0.9	20
76	Micro-Structural Brain Alterations in Aviremic HIV+ Patients with Minor Neurocognitive Disorders: A Multi-Contrast Study at High Field. PLoS ONE, 2013, 8, e72547.	2.5	19
77	Advances in Treatment of Progressive Multifocal Leukoencephalopathy. Annals of Neurology, 2021, 90, 865-873.	5.3	18
78	Rituximab is successful in an HIV-positive patient with MuSK myasthenia gravis. Neurology, 2011, 76, 757-758.	1.1	16
79	Multicontrast MRI Quantification of Focal Inflammation and Degeneration in Multiple Sclerosis. BioMed Research International, 2015, 2015, 1-9.	1.9	16
80	Natalizumab treatment alters the expression of T-cell trafficking marker LFA-1 α-chain (CD11a) in MS patients. Multiple Sclerosis Journal, 2014, 20, 837-842.	3.0	15
81	Chimeric immune receptors (CIRs) specific to JC virus for immunotherapy in progressive multifocal leukoencephalopathy (PML). International Immunology, 2007, 19, 1083-1093.	4.0	14
82	HIV Testing Practices by Clinical Service before and after Revised Testing Guidelines in a Swiss University Hospital. PLoS ONE, 2012, 7, e39299.	2.5	14
83	Serum and CSF GQ1b antibodies in isolated ophthalmologic syndromes. Neurology, 2016, 86, 1780-1784.	1.1	14
84	Persistence of mild parkinsonism 4 months after liver transplantation in patients with preoperative minimal hepatic encephalopathy: a study on neuroradiological and blood manganese changes. Transplant International, 2002, 15, 188-195.	1.6	12
85	Recurrence of disease activity after fingolimod discontinuation in older patients previously stable on treatment. Multiple Sclerosis and Related Disorders, 2021, 51, 102918.	2.0	11
86	Differentiation of functional astrocytes from human-induced pluripotent stem cells in chemically defined media. STAR Protocols, 2021, 2, 100902.	1.2	11
87	Determination of nucleosidic/tidic reverse transcriptase inhibitors in plasma and cerebrospinal fluid by ultra-high-pressure liquid chromatography coupled with tandem mass spectrometry. Clinical Mass Spectrometry, 2018, 8, 8-20.	1.9	10
88	Anaphylactic reaction to methylprednisolone in multiple sclerosis: a practical approach to alternative corticosteroids. Multiple Sclerosis Journal, 2007, 13, 559-560.	3.0	9
89	Monocular Central Dazzle After Thalamic Infarcts. Journal of Neuro-Ophthalmology, 2000, 20, 97-99.	0.8	8
90	Assessing risks of multiple sclerosis therapies. Journal of the Neurological Sciences, 2013, 332, 59-65.	0.6	8

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91	Relapse in herpes simplex virus encephalitis. Neurology, 2015, 85, 1730-1731.	1.1	8
92	Evolution of Cortical and White Matter Lesion Load in Early-Stage Multiple Sclerosis: Correlation With Neuroaxonal Damage and Clinical Changes. Frontiers in Neurology, 2020, 11, 973.	2.4	8
93	Vaccine-associated measles in a patient treated with natalizumab: a case report. BMC Infectious Diseases, 2020, 20, 753.	2.9	8
94	Severe post-EBV encephalopathy associated with myelin oligodendrocyte glycoprotein-specific immune response. Journal of Neuroimmunology, 2007, 192, 192-197.	2.3	7
95	A New Approach for Deep Gray Matter Analysis Using Partial-Volume Estimation. PLoS ONE, 2016, 11, e0148631.	2.5	7
96	Neurodegenerative phagocytes mediate synaptic stripping in Neuro-HIV. Brain, 2022, 145, 2730-2741.	7.6	7
97	Minimal supportive treatment in natalizumab-related PML in a MS patient. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 354-355.	1.9	6
98	Progressive multifocal leukoencephalopathy in two natalizumab-treated stepsisters: An intriguing coincidence. Multiple Sclerosis Journal, 2017, 23, 300-303.	3.0	6
99	Efficacy of Natalizumab in Intermediate Uveitis Related to Multiple Sclerosis: A Case Report. Klinische Monatsblatter Fur Augenheilkunde, 2018, 235, 476-477.	0.5	6
100	Late Lyme neuroborreliosis with chronic encephalomyelitis. Neurology, 2018, 91, 627-628.	1.1	6
101	Reader response: Progressive multifocal leukoencephalopathy after fingolimod treatment. Neurology, 2019, 92, 151-151.	1.1	6
102	Neurocognitive course at two-year follow-up in the neurocognitive assessment in the metabolic and aging cohort (NAMACO) study. Aids, 2021, Publish Ahead of Print, 2469-2480.	2.2	6
103	Discrepant findings in immune responses to JC virus in patients receiving natalizumab – Authors' reply. Lancet Neurology, The, 2010, 9, 566-567.	10.2	5
104	Acute Lyme Neuroborreliosis With Transient Hemiparesis and Aphasia. Annals of Emergency Medicine, 2015, 66, 60-64.	0.6	5
105	The VZV/IE63-specific T cell response prevents herpes zoster in fingolimod-treated patients. Neurology: Neuroimmunology and NeuroInflammation, 2016, 3, e209.	6.0	5
106	Specific aspects of immunotherapy for multiple sclerosis in Switzerland: A structured commentary. Clinical and Translational Neuroscience, 2019, 3, 2514183X1882207.	0.9	5
107	Vaccination in B-cell–depleted patients with multiple sclerosis. Neurology, 2020, 95, 613-614.	1.1	5
108	The association between depressive symptoms and neurocognitive impairment in people with well-treated HIV in Switzerland. International Journal of STD and AIDS, 2021, 32, 729-739.	1.1	5

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109	Case Report: Behavioral Unresponsiveness in Acute COVID-19 Patients: The Utility of the Motor Behavior Tool-Revised and 18F-FDG PET/CT. Frontiers in Neurology, 2021, 12, 644848.	2.4	5
110	Cytokine mRNA profile of Epstein–Barr virus-stimulated highly differentiated T cells in multiple sclerosis: A pilot study. Journal of Neuroimmunology, 2010, 225, 167-170.	2.3	4
111	MOBP-specific cellular immune responses are weaker than MOG-specific cellular immune responses in patients with multiple sclerosis and healthy subjects. Neurological Sciences, 2013, 34, 539-543.	1.9	4
112	Immune system's role in viral encephalitis. Revue Neurologique, 2014, 170, 577-583.	1.5	4
113	Human Leukocyte Antigen Genotype as a Marker of Multiple Sclerosis Prognosis. Canadian Journal of Neurological Sciences, 2020, 47, 189-196.	0.5	4
114	Unexpected worsening of progressive multifocal leucoencephalopathy following COVID-19 pneumonia. Journal of NeuroVirology, 2021, 27, 510-513.	2.1	4
115	Self-reported Neurocognitive Impairment in People Living With Human Immunodeficiency Virus (HIV): Characterizing Clusters of Patients With Similar Changes in Self-reported Neurocognitive Impairment, 2013–2017, in the Swiss HIV Cohort Study. Clinical Infectious Diseases, 2020, 71, 637-644.	5.8	3
116	Alcohol consumption and neurocognitive deficits in people with well-treated HIV in Switzerland. PLoS ONE, 2021, 16, e0246579.	2.5	3
117	Limbic Encephalitis: Another Example of Molecular Mimicry?. European Neurology, 2007, 57, 191-192.	1.4	2
118	Inaugural description of Cogan syndrome in an HIV-infected person. Journal of Neurology, 2008, 255, 1427-1428.	3.6	2
119	A light in the cognitive fog?. Antiviral Therapy, 2013, 18, 149-151.	1.0	2
120	Management of Fulminant Multiple Sclerosis With Rituximab. Neurologist, 2015, 19, 155-157.	0.7	2
121	An unusual case of miliary PML-IRIS in an HIV+ patient. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e370.	6.0	2
122	Is disease activity prior to fingolimod initiation predictive of response? Fingolimod as a "common― first line treatment. Revue Neurologique, 2021, 177, 935-940.	1.5	2
123	Anti-Adenylate Kinase 5 Encephalitis With Histologic Evidence of CNS Vasculitis. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, e1010.	6.0	2
124	Encephalitis with herpes simplex-2 in the cerebrospinal fluid and anti-RI (ANNA-2) antibodies: an infectious or a paraneoplastic syndrome?. BMJ Case Reports, 2009, 2009, bcr1220081363-bcr1220081363.	0.5	2
125	Rituximab versus fingolimod after natalizumab in multiple sclerosis: Also consider progressive multifocal leukoencephalopathy risk. Annals of Neurology, 2016, 80, 791-791.	5.3	1
126	Rivastigmine decreases brain damage in <scp>HIV</scp> patients with mild cognitive deficits. Annals of Clinical and Translational Neurology, 2017, 4, 915-920.	3.7	1

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127	Meningeal Relapse of Nodular Lymphocyte Predominant Hodgkin Lymphoma Transformed to T-Cell/Histiocyte-Rich Large B-Cell Lymphoma: A Case Report. Frontiers in Oncology, 2020, 10, 1745.	2.8	1
128	Progressive multifocal leukoencephalopathy responsive to withdrawal of imatinib in a patient with FIP1L1-PDGFRA positive myeloid neoplasm. Leukemia and Lymphoma, 2020, 61, 2226-2229.	1.3	1
129	Authors' reply to A. Winston, A. Cotter, M. Gisslen, P. W. G. Mallon and P. Cinque. HIV Medicine, 2020, 21, e19-e20.	2.2	1
130	A promenade along the stream of demyelination. Current Opinion in Neurology, 2010, 23, 203-204.	3.6	0
131	327. Genetic Editing for Huntington's Disease. Molecular Therapy, 2016, 24, S131.	8.2	O
132	A Swiss neurological paradox. Clinical and Translational Neuroscience, 2018, 2, 2514183X1878525.	0.9	0
133	Effect of national HIV testing recommendations and local interventions on HIV testing practices in a Swiss university hospital: a retrospective analysis between 2012 and 2015. BMJ Open, 2018, 8, e021203.	1.9	0
134	Clinical Reasoning: A 69-year-old man with rare complex visual symptoms. Neurology, 2020, 95, 316-320.	1.1	0
135	First-ever treatment in multiple sclerosis. Revue Neurologique, 2021, 177, 93-99.	1.5	0
136	Discussing Challenges in Diagnosis of Tuberculous Meningitis and Neurosarcoidosis. Canadian Journal of Neurological Sciences, 2021, , 1-7.	0.5	0