

Shibeshih Mitiku Belachew

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92
papers

7,650
citations

36
h-index

87
g-index

98
ext. papers

9,066
ext. citations

8
avg, IF

5.34
L-index

#	Paper	IF	Citations
92	Placebo-controlled phase 3 study of oral BG-12 for relapsing multiple sclerosis. <i>New England Journal of Medicine</i> , 2012 , 367, 1098-107	59.2	1216
91	Ocrelizumab versus Placebo in Primary Progressive Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2017 , 376, 209-220	59.2	880
90	Ocrelizumab versus Interferon Beta-1a in Relapsing Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2017 , 376, 221-234	59.2	858
89	Elongator controls the migration and differentiation of cortical neurons through acetylation of alpha-tubulin. <i>Cell</i> , 2009 , 136, 551-64	56.2	585
88	Postnatal NG2 proteoglycan-expressing progenitor cells are intrinsically multipotent and generate functional neurons. <i>Journal of Cell Biology</i> , 2003 , 161, 169-86	7.3	413
87	Anti-JC virus antibody levels in serum or plasma further define risk of natalizumab-associated progressive multifocal leukoencephalopathy. <i>Annals of Neurology</i> , 2014 , 76, 802-12	9.4	333
86	Neurotransmitters as early signals for central nervous system development. <i>Cell and Tissue Research</i> , 2001 , 305, 187-202	4.2	300
85	The anti-epileptic drug levetiracetam reverses the inhibition by negative allosteric modulators of neuronal GABA- and glycine-gated currents. <i>British Journal of Pharmacology</i> , 2002 , 136, 659-72	8.6	241
84	NG2-expressing cells in the subventricular zone are type C-like cells and contribute to interneuron generation in the postnatal hippocampus. <i>Journal of Cell Biology</i> , 2004 , 165, 575-89	7.3	220
83	Expression of the green fluorescent protein in the oligodendrocyte lineage: a transgenic mouse for developmental and physiological studies. <i>Journal of Neuroscience Research</i> , 2002 , 70, 529-45	4.4	146
82	Efficacy and safety of natalizumab in multiple sclerosis: interim observational programme results. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 1190-7	5.5	130
81	Autocrine/paracrine activation of the GABA(A) receptor inhibits the proliferation of neurogenic polysialylated neural cell adhesion molecule-positive (PSA-NCAM+) precursor cells from postnatal striatum. <i>Journal of Neuroscience</i> , 2003 , 23, 3278-94	6.6	125
80	Proliferative generation of mammalian auditory hair cells in culture. <i>Mechanisms of Development</i> , 2002 , 112, 79-88	1.7	123
79	Identification of Sox17 as a transcription factor that regulates oligodendrocyte development. <i>Journal of Neuroscience</i> , 2006 , 26, 9722-35	6.6	110
78	Cell "circadian" cycle: new role for mammalian core clock genes. <i>Cell Cycle</i> , 2009 , 8, 832-7	4.7	97
77	Belgian Fabry study: prevalence of Fabry disease in a cohort of 1000 young patients with cerebrovascular disease. <i>Stroke</i> , 2010 , 41, 863-8	6.7	88
76	Contribution of Relapse-Independent Progression vs Relapse-Associated Worsening to Overall Confirmed Disability Accumulation in Typical Relapsing Multiple Sclerosis in a Pooled Analysis of 2 Randomized Clinical Trials. <i>JAMA Neurology</i> , 2020 , 77, 1132-1140	17.2	72

75	Cdk2 is critical for proliferation and self-renewal of neural progenitor cells in the adult subventricular zone. <i>Journal of Cell Biology</i> , 2007 , 179, 1231-45	7.3	72
74	Shaker-type potassium channel subunits differentially control oligodendrocyte progenitor proliferation. <i>Glia</i> , 2004 , 48, 337-45	9	67
73	Period 2 regulates neural stem/progenitor cell proliferation in the adult hippocampus. <i>BMC Neuroscience</i> , 2009 , 10, 30	3.2	66
72	Is multiple sclerosis a length-dependent central axonopathy? The case for therapeutic lag and the asynchronous progressive MS hypotheses. <i>Multiple Sclerosis and Related Disorders</i> , 2017 , 12, 70-78	4	64
71	Chronic white matter lesion activity predicts clinical progression in primary progressive multiple sclerosis. <i>Brain</i> , 2019 , 142, 2787-2799	11.2	64
70	Natalizumab induces a rapid improvement of disability status and ambulation after failure of previous therapy in relapsing-remitting multiple sclerosis. <i>European Journal of Neurology</i> , 2011 , 18, 240-245	6.45	58
69	MRI preclinical detection and asymptomatic course of a progressive multifocal leucoencephalopathy (PML) under natalizumab therapy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 224-6	5.5	57
68	Slowly expanding/evolving lesions as a magnetic resonance imaging marker of chronic active multiple sclerosis lesions. <i>Multiple Sclerosis Journal</i> , 2019 , 25, 1915-1925	5	57
67	Cyclin-dependent kinase-2 controls oligodendrocyte progenitor cell cycle progression and is downregulated in adult oligodendrocyte progenitors. <i>Journal of Neuroscience</i> , 2002 , 22, 8553-62	6.6	56
66	Cdk6-dependent regulation of G(1) length controls adult neurogenesis. <i>Stem Cells</i> , 2011 , 29, 713-24	5.8	49
65	Comparison of the timed 25-foot and the 100-meter walk as performance measures in multiple sclerosis. <i>Neurorehabilitation and Neural Repair</i> , 2011 , 25, 672-9	4.7	49
64	Adherence and Satisfaction of Smartphone- and Smartwatch-Based Remote Active Testing and Passive Monitoring in People With Multiple Sclerosis: Nonrandomized Interventional Feasibility Study. <i>Journal of Medical Internet Research</i> , 2019 , 21, e14863	7.6	48
63	Greater sensitivity to multiple sclerosis disability worsening and progression events using a roving versus a fixed reference value in a prospective cohort study. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 963-973 ⁵		42
62	Comparative efficacy of switching to natalizumab in active multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2015 , 2, 373-87	5.3	42
61	Untangling the functional potential of PSA-NCAM-expressing cells in CNS development and brain repair strategies. <i>Current Medicinal Chemistry</i> , 2003 , 10, 2185-96	4.3	42
60	Functional glycine receptors are expressed by postnatal nestin-positive neural stem/progenitor cells. <i>European Journal of Neuroscience</i> , 2002 , 15, 1299-305	3.5	38
59	Motor fatigue measurement by distance-induced slow down of walking speed in multiple sclerosis. <i>PLoS ONE</i> , 2012 , 7, e34744	3.7	37
58	Peripheral benzodiazepine receptor (PBR) ligand cytotoxicity unrelated to PBR expression. <i>Biochemical Pharmacology</i> , 2005 , 69, 819-30	6	37

57	Unraveling oligodendrocyte origin and function by cell-specific transgenesis. <i>Developmental Neuroscience</i> , 2001 , 23, 287-98	2.2	37
56	Glycine triggers an intracellular calcium influx in oligodendrocyte progenitor cells which is mediated by the activation of both the ionotropic glycine receptor and Na ⁺ -dependent transporters. <i>European Journal of Neuroscience</i> , 2000 , 12, 1924-30	3.5	36
55	Synaptic and extrasynaptic neurotransmitter receptors in glial precursorsRequest for identity. <i>Glia</i> , 2004 , 48, 185-96	9	35
54	Five years of ocrelizumab in relapsing multiple sclerosis: OPERA studies open-label extension. <i>Neurology</i> , 2020 , 95, e1854-e1867	6.5	34
53	Adult neurogenesis and the diseased brain. <i>Current Medicinal Chemistry</i> , 2009 , 16, 652-66	4.3	27
52	Identification of PSF, the polypyrimidine tract-binding protein-associated splicing factor, as a developmentally regulated neuronal protein. <i>Journal of Neuroscience Research</i> , 1999 , 57, 62-73	4.4	26
51	Developmental regulation of neuroligand-induced responses in cultured oligodendroglia. <i>NeuroReport</i> , 1998 , 9, 973-80	1.7	25
50	Phenotypical characterization of β -galactosidase A gene mutations identified in a large Fabry disease screening program in stroke in the young. <i>Clinical Neurology and Neurosurgery</i> , 2013 , 115, 1088-93	2.3	24
49	The earlier, the smaller, the better for natalizumab-associated PML: in MRI vigilance veritas?. <i>Neurology</i> , 2012 , 79, 1067-9	6.5	24
48	Ocrelizumab in Primary Progressive and Relapsing Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2017 , 376, 1694	59.2	22
47	Onset of clinical and MRI efficacy of ocrelizumab in relapsing multiple sclerosis. <i>Neurology</i> , 2019 , 93, e1778-e1786	6.5	22
46	Natalizumab reduces relapse clinical severity and improves relapse recovery in MS. <i>Multiple Sclerosis and Related Disorders</i> , 2014 , 3, 705-11	4	22
45	Diazepam-insensitive GABAA receptors on postnatal spiral ganglion neurones in culture. <i>NeuroReport</i> , 1997 , 8, 591-6	1.7	21
44	Cultured oligodendrocyte progenitors derived from cerebral cortex express a glycine receptor which is pharmacologically distinct from the neuronal isoform. <i>European Journal of Neuroscience</i> , 1998 , 10, 3556-64	3.5	21
43	CDK2 is dispensable for adult hippocampal neurogenesis. <i>Cell Cycle</i> , 2007 , 6, 3065-9	4.7	21
42	Comparative efficacy of first-line natalizumab vs IFN- β br glatiramer acetate in relapsing MS. <i>Neurology: Clinical Practice</i> , 2016 , 6, 102-115	1.7	21
41	Ocrelizumab reduces progression of upper extremity impairment in patients with primary progressive multiple sclerosis: Findings from the phase III randomized ORATORIO trial. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 1862-1870	5	21
40	Evaluation of no evidence of progression or active disease (NEPAD) in patients with primary progressive multiple sclerosis in the ORATORIO trial. <i>Annals of Neurology</i> , 2018 , 84, 527-536	9.4	21

39	No evidence of disease activity (NEDA) analysis by epochs in patients with relapsing multiple sclerosis treated with ocrelizumab vs interferon beta-1a. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2018 , 4, 2055217318760642	2	19
38	Beta-carbolines induce apoptosis in cultured cerebellar granule neurons via the mitochondrial pathway. <i>Neuropharmacology</i> , 2005 , 48, 105-17	5.5	19
37	Strategies to regenerate hair cells: identification of progenitors and critical genes. <i>Hearing Research</i> , 2008 , 236, 1-10	3.9	18
36	The Yin and Yang of cell cycle progression and differentiation in the oligodendroglial lineage. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2006 , 12, 85-96		18
35	The inhibition of cyclin-dependent kinases induces differentiation of supernumerary hair cells and Deiters cells in the developing organ of Corti. <i>FASEB Journal</i> , 2003 , 17, 2136-8	0.9	17
34	More on JC viremia in natalizumab-treated patients with multiple sclerosis. <i>New England Journal of Medicine</i> , 2013 , 369, 1280	59.2	15
33	A corrected version of the Timed-25 Foot Walk Test with a dynamic start to capture the maximum ambulation speed in multiple sclerosis patients. <i>NeuroRehabilitation</i> , 2012 , 30, 261-6	2	15
32	Primary central nervous system lymphoma in a patient treated with natalizumab. <i>Annals of Neurology</i> , 2011 , 69, 1060-1; author reply 1061-2	9.4	14
31	Developmental regulation of beta-carboline-induced inhibition of glycine-evoked responses depends on glycine receptor beta subunit expression. <i>Molecular Pharmacology</i> , 2005 , 67, 1783-96	4.3	13
30	Smartphone-based remote assessment of upper extremity function for multiple sclerosis using the Draw a Shape Test. <i>Physiological Measurement</i> , 2020 , 41, 054002	2.9	12
29	Acquired tonsillar herniation and syringomyelia after pleural effusion aspiration: case report. <i>Neurosurgery</i> , 2008 , 62, E1172-3; discussion E1173	3.2	12
28	Natalizumab treatment shows low cumulative probabilities of confirmed disability worsening to EDSS milestones in the long-term setting. <i>Multiple Sclerosis and Related Disorders</i> , 2018 , 24, 11-19	4	12
27	Natalizumab improves ambulation in relapsing-remitting multiple sclerosis: results from the prospective TIMER study and a retrospective analysis of AFFIRM. <i>European Journal of Neurology</i> , 2015 , 22, 570-7	6	11
26	Beta-carbolines induce apoptotic death of cerebellar granule neurones in culture. <i>NeuroReport</i> , 1996 , 7, 3041-5	1.7	10
25	Astroglia-released factor shows similar effects as benzodiazepine inverse agonists. <i>Journal of Neuroscience Research</i> , 1994 , 39, 364-76	4.4	10
24	Patterning Chronic Active Demyelination in Slowly Expanding/Evolving White Matter MS Lesions. <i>American Journal of Neuroradiology</i> , 2020 , 41, 1584-1591	4.4	9
23	A smartphone sensor-based digital outcome assessment of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021 , 13524585211028561	5	9
22	Oligodendrocyte development and myelinogenesis are not impaired by high concentrations of phenylalanine or its metabolites. <i>Journal of Inherited Metabolic Disease</i> , 2010 , 33, 113-20	5.4	8

21	Chemical inhibitors of cyclin-dependent kinases control proliferation, apoptosis and differentiation of oligodendroglial cells. <i>International Journal of Developmental Neuroscience</i> , 2003 , 21, 321-6	2.7	8
20	Natalizumab to kill two birds with one stone: a case of celiac disease and multiple sclerosis. <i>Inflammatory Bowel Diseases</i> , 2011 , 17, E62-3	4.5	6
19	U-turn speed is a valid and reliable smartphone-based measure of multiple sclerosis-related gait and balance impairment. <i>Gait and Posture</i> , 2021 , 84, 120-126	2.6	6
18	Striatal PSA-NCAM(+) precursor cells from the newborn rat express functional glycine receptors. <i>NeuroReport</i> , 2004 , 15, 583-7	1.7	5
17	Epoch Analysis of On-Treatment Disability Progression Events over Time in the Tysabri Observational Program (TOP). <i>PLoS ONE</i> , 2016 , 11, e0144834	3.7	5
16	Exploring the Impact of Fatigue in Progressive Multiple Sclerosis: A Mixed-Methods Analysis. <i>Multiple Sclerosis and Related Disorders</i> , 2020 , 43, 102207	4	4
15	Next-generation Bruton's tyrosine kinase inhibitor BILB091 selectively and potently inhibits B cell and Fc receptor signaling and downstream functions in B cells and myeloid cells. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1295	6.8	4
14	033 Effect of ocrelizumab on upper limb function in patients with primary progressive multiple sclerosis (PPMS) in the oratorio study (ENCORE). <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, A14.1-A14	5.5	3
13	Serum Neurofilament Light and Multiple Sclerosis Progression Independent of Acute Inflammation.. <i>JAMA Network Open</i> , 2022 , 5, e2147588	10.4	3
12	Ocrelizumab reduces disability progression independent of relapse activity in patients with relapsing multiple sclerosis		3
11	Relapse-associated worsening and progression independent of relapse activity in patients with relapsing multiple sclerosis in the Phase III OPERA I and OPERA II studies		3
10	061 Ocrelizumab reduces disability progression independent of relapse activity in patients with relapsing multiple sclerosis (RMS) (ENCORE). <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, A25.2-A25	5.5	3
9	Advancing the understanding of progression in multiple sclerosis: an interview with Shibeshih Belachew. <i>Neurodegenerative Disease Management</i> , 2018 , 8, 9-12	2.8	2
8	Long-term Reduction in Brain MRI Disease Activity and Atrophy after 5 years of Ocrelizumab Treatment in Patients with Relapsing Multiple Sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2018 , 26, 265	4	2
7	Slowly expanding lesions are a marker of progressive MS - No. <i>Multiple Sclerosis Journal</i> , 2021 , 27, 1681-1683	3.6	2
6	PO129 Neda analysis by epoch in the opera studies of ocrelizumab. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, A46.2-A46	5.5	1
5	Severe liver dysfunction in a patient with multiple sclerosis: the guilty party is not always the disease-modifying therapy. <i>Multiple Sclerosis Journal</i> , 2009 , 15, 1378-9	5	1
4	Astroglia-released factor with negative allosteric modulatory properties at the GABA A receptor. <i>Biochemical Pharmacology</i> , 1996 , 52, 465-73	6	1

3	Abnormalities in normal-appearing white matter from which multiple sclerosis lesions arise. <i>Brain Communications</i> , 2021 , 3, fcab176	4.5	1
2	Evaluation of no evidence of progression or active disease (nepad) in patients with primary progressive multiple sclerosis in the oratorio trial. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, e1.85-e1	5.5	
1	PO127 Composite confirmed disability progression in oratorio. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, A45.3-A46	5.5	