Arun B Taly

List of Publications by Year
in descending order

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114	1,761	331670 21	377865 34
papers	citations	h-index	g-index

114	114	114	2193
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wilson Disease. Medicine (United States), 2007, 86, 112-121.	1.0	224
2	Sleep-related disorders among a healthy population in South India. Neurology India, 2012, 60, 68.	0.4	98
3	Sleep disturbances in juvenile myoclonic epilepsy: A sleep questionnaire-based study. Epilepsy and Behavior, 2012, 23, 305-309.	1.7	61
4	Autonomic dysfunction in Wilson's disease - a clinical and electrophysiological study. Clinical Autonomic Research, 2002, 12, 185-189.	2.5	51
5	Mortality in mechanically ventilated patients of Guillain BarrÃ© Syndrome. Annals of Indian Academy of Neurology, 2011, 14, 262.	0.5	46
6	Cognitive profile and structural findings in Wilsonâ€²s disease: A neuropsychological and MRI-based study. Neurology India, 2010, 58, 708.	0.4	42
7	Palatal tremor, progressive multiple cranial nerve palsies, and cerebellar ataxia: A case report and review of literature of palatal tremors in neurodegenerative disease. Movement Disorders, 1999, 14, 689-693.	3.9	38
8	Sleep disorders in children with cerebral palsy and its correlation with sleep disturbance in primary caregivers and other associated factors. Annals of Indian Academy of Neurology, 2014, 17, 473.	0.5	34
9	Bodyweight-supported treadmill training for retraining gait among chronic stroke survivors: A randomized controlled study. Annals of Physical and Rehabilitation Medicine, 2016, 59, 235-241.	2.3	34
10	Diffusion Tensor Imaging (DTI) and its clinical correlates in drug naÃ¯ve Wilsonâ€™s disease. Metabolic Brain Disease, 2013, 28, 455-462.	2.9	32
11	Transient computerised tomographic (CT) abnormalities following partial seizures. Acta Neurologica Scandinavica, 1985, 72, 26-29.	2.1	30
12	Prognosis of patients with Guillain-BarrÃ© syndrome requiring mechanical ventilation. Neurology India, 2011, 59, 707.	0.4	30
13	Magnetic resonance imaging correlates of genetically characterized patients with mitochondrial disorders: A study from south India. Mitochondrion, 2015, 25, 6-16.	3.4	28
14	Functional outcome following rehabilitation in chronic severe traumatic brain injury patients: A prospective study. Annals of Indian Academy of Neurology, 2012, 15, 120.	0.5	27
15	Mitochondrial leukoencephalopathies: A border zone between acquired and inherited white matter disorders in children?. Multiple Sclerosis and Related Disorders, 2018, 20, 84-92.	2.0	27
16	Contribution of nuclear and mitochondrial gene mutations in mitochondrial encephalopathy, lactic acidosis, and stroke-like episodes (MELAS) syndrome. Journal of Neurology, 2021, 268, 2192-2207.	3.6	27
17	Clinical Features, Therapeutic Response, and Follow-Up in Pediatric Anti-N-Methyl-d-Aspartate Receptor Encephalitis: Experience from a Tertiary Care University Hospital in India. Neuropediatrics, 2016, 47, 024-032.	0.6	26
18	Effect of valproate on the sleep microstructure of juvenile myoclonic epilepsy patients â€“ a cross-sectional CAP based study. Sleep Medicine, 2016, 17, 129-133.	1.6	26

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19	Genetic Analysis of PLA2G6 in 22 Indian Families with Infantile Neuroaxonal Dystrophy, Atypical Late-Onset Neuroaxonal Dystrophy and Dystonia Parkinsonism Complex. PLoS ONE, 2016, 11, e0155605.	2.5	26
20	â€œEffect of pranayama and meditation as an add-on therapy in rehabilitation of patients with Guillain-BarrÃ© syndromeâ€”a randomized control pilot studyâ€• Disability and Rehabilitation, 2013, 35, 57-62.	1.8	24
21	Altered polysomnographic profile in juvenile myoclonic epilepsy. Epilepsy Research, 2014, 108, 459-467.	1.6	22
22	Central Pontine Signal Changes in Wilson's Disease: Distinct MRI Morphology and Sequential Changes with Deâ€Coppering Therapy. Journal of Neuroimaging, 2007, 17, 286-291.	2.0	20
23	Depression and sleep disturbances in patients with multiple sclerosis and correlation with associated fatigue. Journal of Neurosciences in Rural Practice, 2013, 04, 387-391.	0.8	20
24	Clinical and magnetic resonance imaging findings in patients with Leigh syndrome and SURF1 mutations. Brain and Development, 2014, 36, 807-812.	1.1	20
25	Alterations in Polysomnographic (PSG) profile in drug-naÃ¯ve Parkinsonâ€²s disease. Annals of Indian Academy of Neurology, 2014, 17, 287.	0.5	19
26	Role of ankle foot orthosis in improving locomotion and functional recovery in patients with stroke: A prospective rehabilitation study. Journal of Neurosciences in Rural Practice, 2016, 7, 544-549.	0.8	19
27	Comparing sleep profiles between patients with juvenile myoclonic epilepsy and symptomatic partial epilepsy: Sleep questionnaire-based study. Epilepsy and Behavior, 2017, 66, 34-38.	1.7	19
28	Leber's Hereditary Optic Neuropathyâ€“Specific Mutation m.11778G>A Exists on Diverse Mitochondrial Haplogroups in India. , 2017, 58, 3923.		19
29	Guillain-Barre Syndrome â€“ rehabilitation outcome, residual deficits and requirement of lower limb orthosis for locomotion at 1 year follow-up. Disability and Rehabilitation, 2010, 32, 1897-1902.	1.8	18
30	Audiological manifestations in mitochondrial encephalomyopathy lactic acidosis and stroke like episodes (MELAS) syndrome. Clinical Neurology and Neurosurgery, 2016, 148, 17-21.	1.4	18
31	Neuropathy in elderly: lessons learnt from nerve biopsy. Age and Ageing, 2015, 44, 312-317.	1.6	17
32	Effect of carbamazepine on the sleep microstructure of temporal lobe epilepsy patients: a cyclic alternating pattern-based study. Sleep Medicine, 2016, 27-28, 80-85.	1.6	17
33	Mitochondrial oxidative phosphorylation disorders in children: Phenotypic, genotypic and biochemical correlations in 85 patients from South India. Mitochondrion, 2017, 32, 42-49.	3.4	17
34	Outcome of epilepsy in patients with mitochondrial disorders: Phenotype genotype and magnetic resonance imaging correlations. Clinical Neurology and Neurosurgery, 2018, 164, 182-189.	1.4	17
35	Child Neurology: SjÃ¶gren-Larsson syndrome. Neurology, 2017, 88, e1-e4.	1.1	16
36	IL-23/IL-17 immune axis in Guillain BarrÃ© Syndrome: Exploring newer vistas for understanding pathobiology and therapeutic implications. Cytokine, 2018, 103, 77-82.	3.2	16

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37	Cognitive and Functional Outcomes following Inpatient Rehabilitation in Patients with Acquired Brain Injury: A Prospective Follow-up Study. Journal of Neurosciences in Rural Practice, 2017, 08, 357-363.	0.8	15
38	Anti-NMDA receptor encephalitis presenting as postpartum psychosisâ€"a clinical description and review. Archives of Women's Mental Health, 2018, 21, 465-469.	2.6	15
39	Comprehensive cytokine profiling provides evidence for a multi-lineage Th responses in Guillain BarrÃ© Syndrome. Cytokine, 2018, 110, 58-62.	3.2	15
40	Comparing the efficacy of sodium valproate and levetiracetam following initial lorazepam in elderly patients with generalized convulsive status epilepticus (GCSE): A prospective randomized controlled pilot study. Seizure: the Journal of the British Epilepsy Association, 2019, 65, 111-117.	2.0	15
41	Stroke with supernumerary phantom limb: case study, review of literature and pathogenesis. Acta Neuropsychiatrica, 2008, 20, 256-264.	2.1	13
42	Seasonal variation in the clinical recovery of patients with Guillain BarrÃ© syndrome requiring mechanical ventilation. Neurology India, 2013, 61, 349.	0.4	13
43	Child Neurology: Molybdenum cofactor deficiency. Neurology, 2015, 85, e175-8.	1.1	13
44	Lack of heart rate variability during apnea in patients with juvenile myoclonic epilepsy (JME). Sleep and Breathing, 2015, 19, 1175-1183.	1.7	13
45	Diagnosis of myasthenia gravis: Comparison of anti-nicotinic acetyl choline receptor antibodies, repetitive nerve stimulation and Neostigmine tests at a tertiary neuro care centre in India, a ten year study. Journal of Neuroimmunology, 2016, 292, 81-84.	2.3	13
46	Child Neurology: Ethylmalonic encephalopathy. Neurology, 2020, 94, e1336-e1339.	1.1	13
47	Tropical ataxic neuropathy â€" A century old enigma. Neurology India, 2016, 64, 1151.	0.4	13
48	Prevalence of fatigue in Guillain-Barre syndrome in neurological rehabilitation setting. Annals of Indian Academy of Neurology, 2014, 17, 331.	0.5	12
49	Complications in mechanically ventilated patients of Guillainâ€"Barre syndrome and their prognostic value. Journal of Neurosciences in Rural Practice, 2017, 08, 068-073.	0.8	12
50	Th17 pathway signatures in a large Indian cohort of Guillain BarrÃ© syndrome. Journal of Neuroimmunology, 2018, 323, 125-130.	2.3	12
51	Rehabilitation interventions to improve locomotor outcome in chronic stroke survivors: A prospective, repeated-measure study. Neurology India, 2015, 63, 347.	0.4	11
52	Leukodystrophies and Genetic Leukoencephalopathies in Children Specified by Exome Sequencing in an Expanded Gene Panel. Journal of Child Neurology, 2020, 35, 433-441.	1.4	11
53	Antecedent infections in<scp>Guillainâ€BarrÃ©</scp>syndrome patients from south India. Journal of the Peripheral Nervous System, 2021, 26, 298-306.	3.1	11
54	MG-QoL-15 scores in treated myasthenia gravis: Experience from a university hospital in India. Neurology India, 2016, 64, 405.	0.4	11

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55	Ambulation following spinal cord injury and its correlates. Annals of Indian Academy of Neurology, 2015, 18, 167.	0.5	10
56	Peripheral neuropathy in genetically characterized patients with mitochondrial disorders: A study from south India. Mitochondrion, 2016, 27, 1-5.	3.4	10
57	Hypersomnolence-hyperkinetic movement disorder in a child with compound heterozygous mutation in 4-aminobutyrate aminotransferase (ABAT) gene. Brain and Development, 2017, 39, 161-165.	1.1	10
58	Genetic analysis of ATP7B in 102 south Indian families with Wilson disease. PLoS ONE, 2019, 14, e0215779.	2.5	10
59	Tangierâ€²s disease: An uncommon cause of facial weakness and non-length dependent demyelinating neuropathy. Annals of Indian Academy of Neurology, 2016, 19, 137.	0.5	10
60	Non-Wilsonian hepatolenticular degeneration: Clinical and MRI observations in four families from south India. Journal of Clinical Neuroscience, 2016, 27, 91-94.	1.5	9
61	Urodynamic profile in acute transverse myelitis patients: Its correlation with neurological outcome. Journal of Neurosciences in Rural Practice, 2017, 08, 044-048.	0.8	9
62	Ganglioside complex antibodies in an Indian cohort of Guillainâ€BarrÃ© syndrome. Muscle and Nerve, 2020, 62, 728-734.	2.2	9
63	Evidence of altered Th17 pathway signatures in the cerebrospinal fluid of patients with Guillain BarrÃ© Syndrome. Journal of Clinical Neuroscience, 2020, 75, 176-180.	1.5	9
64	Sleep profile and Polysomnography in patients with drug-resistant temporal lobe epilepsy (TLE) due to hippocampal sclerosis (HS) and the effect of epilepsy surgery on sleep-a prospective cohort study. Sleep Medicine, 2021, 80, 176-183.	1.6	9
65	Serum fibroblast growth factor 21 and growth differentiation factor 15: Two sensitive biomarkers in the diagnosis of mitochondrial disorders. Mitochondrion, 2021, 60, 170-177.	3.4	9
66	Neuropsychiatric Manifestations of Pediatric NMDA Receptor Autoimmune Encephalitis. primary care companion for CNS disorders, The, 2017, 19, .	0.6	9
67	Pediatric opsoclonus-myoclonus-ataxia syndrome: Experience from a tertiary care university hospital. Neurology India, 2018, 66, 1332.	0.4	9
68	The â€œDouble Pandaâ€•Sign in Leigh Disease. Journal of Child Neurology, 2014, 29, 980-982.	1.4	8
69	Audiological findings in Infantile Refsum disease. International Journal of Pediatric Otorhinolaryngology, 2015, 79, 1366-1369.	1.0	8
70	Palatal Tremor Revisited: Disorder with Nosological Diversity and Etiological Heterogeneity. Canadian Journal of Neurological Sciences, 2018, 45, 243-247.	0.5	8
71	Clinical profile and treatment response in patients with CASPR2 antibody-associated neurological disease. Annals of Indian Academy of Neurology, 2021, 24, 178.	0.5	8
72	Clinical, hematological, and imaging observations in a 25-year-old woman with abetalipoproteinemia. Annals of Indian Academy of Neurology, 2014, 17, 113.	0.5	7

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73	Clinical and Neuroimaging Features in Two Children with Mutations in the Mitochondrial ND5 Gene. Neuropediatrics, 2015, 46, 277-281.	0.6	7
74	NREM Sleep and Antiepileptic Medications Modulate Epileptiform Activity by Altering Cortical Synchrony. Clinical EEG and Neuroscience, 2018, 49, 417-424.	1.7	7
75	PMP22 Geneâ€“Associated Neuropathies: Phenotypic Spectrum in a Cohort from India. Journal of Molecular Neuroscience, 2020, 70, 778-789.	2.3	7
76	Neurogenic bladder following myelopathies: Has it any correlation with neurological and functional recovery?. Journal of Neurosciences in Rural Practice, 2014, 05, S013-S016.	0.8	6
77	Oculomotor Apraxia in Gaucher Disease. Pediatric Neurology, 2015, 52, 468-469.	2.1	6
78	Giant Axonal Neuropathy. Journal of Child Neurology, 2015, 30, 912-915.	1.4	6
79	Role of pulse methylprednisolone in epileptic encephalopathy: A retrospective observational analysis. Epilepsy Research, 2021, 173, 106611.	1.6	6
80	Clinico-pathological and Molecular Spectrum of Mitochondrial Polymerase Î³ Mutations in a Cohort from India. Journal of Molecular Neuroscience, 2021, 71, 2219-2228.	2.3	6
81	Serial macro-architectural alterations with levodopa in Parkinsonâ€²s disease: Polysomnography (PSG)-based analysis. Annals of Indian Academy of Neurology, 2015, 18, 309.	0.5	6
82	Variations within Tollâ€like receptor (<scp>TLR</scp>) and <scp>TLR</scp> signaling pathwayâ€related genes and their synergistic effects on the risk of <scp>Guillainâ€BarrÃ©</scp> syndrome. Journal of the Peripheral Nervous System, 2022, 27, 131-143.	3.1	6
83	Guillainâ€“Barre Syndrome in Postpartum Period: Rehabilitation Issues and Outcome â€“ Three Case Reports. Journal of Neurosciences in Rural Practice, 2017, 08, 475-477.	0.8	5
84	Exome sequencing in adult neurology practice: Challenges and rewards in a mixed resource setting. Clinical Neurology and Neurosurgery, 2018, 174, 48-56.	1.4	5
85	Autoantibodies in acquired myasthenia gravis: Clinical phenotype and immunological correlation. Acta Neurologica Scandinavica, 2019, 139, 428-437.	2.1	5
86	Urinary symptoms in patients with Parkinson's disease and progressive supranuclear palsy: Urodynamic findings and management of bladder dysfunction. Annals of Indian Academy of Neurology, 2019, 22, 432.	0.5	5
87	Role of altered ILâ€33/ST2 immune axis in the immunobiology of Guillainâ€BarrÃ© syndrome. European Journal of Neurology, 2022, 29, 2074-2083.	3.3	5
88	Pitfalls in the diagnosis of leprous neuropathy: Lessons learnt from a University hospital in an endemic zone. Journal of the Neurological Sciences, 2015, 357, 252-256.	0.6	4
89	Pulmonary Involvement in Patients with Guillainâ€“BarrÃ© Syndrome in Subacute Phase. Journal of Neurosciences in Rural Practice, 2017, 08, 412-416.	0.8	4
90	Heightened Background Cortical Synchrony in Patients With Epilepsy: EEG Phase Synchrony Analysis During Awake and Sleep Stages Using Novel Ensemble Measure. Clinical EEG and Neuroscience, 2018, 49, 177-186.	1.7	4

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91	Ethylmalonic encephalopathy ETHE1 p. D165H mutation alters the mitochondrial function in human skeletal muscle proteome. Mitochondrion, 2021, 58, 64-71.	3.4	4
92	Prevalence of depression, fatigue, and sleep disturbances in patients with myelopathy: Their relation with functional and neurological recovery. Journal of Spinal Cord Medicine, 2016, 39, 620-626.	1.4	3
93	Management of Antiâ€“N-Methyl-<scp>d</scp>-Aspartate (NMDA) Receptor Encephalitis in Children. Journal of Child Neurology, 2017, 32, 513-514.	1.4	3
94	Ankle-Foot Orthosis in Duchenne Muscular Dystrophy: A 4Âyear Experience in a Multidisciplinary Neuromuscular Disorders Clinic. Indian Journal of Pediatrics, 2017, 84, 211-215.	0.8	3
95	Spectrum and evolution of EEG changes in Anti-NMDAR encephalitis. Annals of Indian Academy of Neurology, 2021, 24, 396.	0.5	3
96	Electrophysiological observations in critically ill Guillainâ€“Barre syndrome. Neurology India, 2016, 64, 914.	0.4	3
97	Differential improvement of the sleep quality among patients with juvenile myoclonic epilepsy with valproic acid: A longitudinal sleep questionnaire-based study. Annals of Indian Academy of Neurology, 2015, 18, 403-7.	0.5	3
98	Case Report: Chronic Fungal Meningitis Masquerading as Tubercular Meningitis. American Journal of Tropical Medicine and Hygiene, 2020, 103, 1473-1479.	1.4	3
99	Child Neurology: Hereditary Folate Malabsorption. Neurology, 2021, 97, 40-43.	1.1	2
100	Whole exome sequencing reveals a homozygous C1QBP deletion as the cause of progressive external ophthalmoplegia and multiple mtDNA deletions. Neuromuscular Disorders, 2021, 31, 859-864.	0.6	2
101	An uncommon cause of bifacial weakness and non-length-dependent demyelinating neuropathy. Annals of Indian Academy of Neurology, 2015, 18, 445-8.	0.5	2
102	Cholecysto-cardiac link: The heart of the matter. Neurology India, 2019, 67, 391.	0.4	2
103	Speech-Language and swallowing manifestations and rehabilitation in an 11-year-old girl with MELAS syndrome. Journal of Pediatric Neurosciences, 2015, 10, 31-4.	0.3	2
104	Genetically Established Familial Amyloidotic Polyneuropathy from India: Narrating the Diagnostic â€œOdysseyâ€•and a Mini Review. Neurology India, 2020, 68, 1084.	0.4	2
105	Ictal Generalized EEG Attenuation (IGEA) and hypopnea in a child with occipital type 1 cortical dysplasia - Is it a biomarker for SUDEP?. Annals of Indian Academy of Neurology, 2014, 18, 103-7.	0.5	1
106	Etiologic Spectrum of Biopsy-Proven Peripheral Neuropathies in Childhood from a Resource-Poor Setting. Journal of Child Neurology, 2015, 30, 707-715.	1.4	1
107	Clinical Reasoning: West syndrome, pontocerebellar hypoplasia, and hypomyelination in a 6-month-old boy. Neurology, 2018, 91, e1652-e1656.	1.1	1
108	Vogt-koyanagi-harada syndrome - A neurologist's perspective. Annals of Indian Academy of Neurology, 2021, 24, 405.	0.5	1

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109	Leukodystrophy due to eIF2B mutations in adults. Canadian Journal of Neurological Sciences, 2021, , 1-11.	0.5	1
110	Is Perls Prussian Blue Stain for Hemosiderin a Useful Adjunct in the Diagnosis of Vasculitic Neuropathies?. Neurology India, 2021, 69, 140.	0.4	1
111	Vasculitic neuropathy in elderly: A study from a tertiary care university hospital in South India. Annals of Indian Academy of Neurology, 2016, 19, 323.	0.5	1
112	Reply to Letter to the Editor: Hearing impairment in m.3243A>G carriers requires comprehensive work- and follow-up. Clinical Neurology and Neurosurgery, 2016, 150, 198-199.	1.4	0
113	Enigmas in immunobiology of Guillain-BarrÃ© syndrome: Ganglioside antibodies and beyond!. Neurology India, 2017, 65, 973.	0.4	0
114	Modulatory effects of vitamin D on ILâ€33/ST2 immune axis in Guillainâ€BarrÃ© syndromeâ€¦ Quo Vadis ?. European Journal of Neurology, 2022, , .	3.3	0