

Leandro Tavares Lucato

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

2,194
citations

201385

27
h-index

264894

42
g-index

121
all docs

121
docs citations

121
times ranked

3175
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroimaging manifestations in children with SARS-CoV-2 infection: a multinational, multicentre collaborative study. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 167-177.	2.7	166
2	Acute Toxic Leukoencephalopathy: Potential for Reversibility Clinically and on MRI With Diffusion-Weighted and FLAIR Imaging. <i>American Journal of Roentgenology</i> , 2009, 193, 192-206.	1.0	145
3	Diffusion Tensor Imaging in Children with Periventricular Leukomalacia: Variability of Injuries to White Matter Tracts. <i>American Journal of Neuroradiology</i> , 2007, 28, 1213-1222.	1.2	140
4	CT and MR in non-neonatal hypoxic-ischemic encephalopathy: radiological findings with pathophysiological correlations. <i>Neuroradiology</i> , 2010, 52, 949-976.	1.1	88
5	Clinical and genetic characterization of leukoencephalopathies in adults. <i>Brain</i> , 2017, 140, 1204-1211.	3.7	73
6	The Role of Conventional MR Imaging Sequences in the Evaluation of Neurocysticercosis: Impact on Characterization of the Scolex and Lesion Burden. <i>American Journal of Neuroradiology</i> , 2007, 28, 1501-1504.	1.2	72
7	Abnormal sensory integration affects balance control in hemiparetic patients within the first year after stroke. <i>Clinics</i> , 2011, 66, 2043-2048.	0.6	70
8	Imaging Patterns of Toxic and Metabolic Brain Disorders. <i>Radiographics</i> , 2019, 39, 1672-1695.	1.4	66
9	Insular and anterior cingulate cortex deep stimulation for central neuropathic pain. <i>Neurology</i> , 2019, 92, e2165-e2175.	1.5	60
10	Adult Leukodystrophies: A Step-by-Step Diagnostic Approach. <i>Radiographics</i> , 2019, 39, 153-168.	1.4	58
11	Carotid bifurcation calcium and correlation with percent stenosis of the internal carotid artery on CT angiography. <i>Neuroradiology</i> , 2005, 47, 1-9.	1.1	56
12	Spectrum of cognitive impairment in neurocysticercosis. <i>Neurology</i> , 2012, 78, 861-866.	1.5	51
13	Wilson's disease: two treatment modalities. Correlations to pretreatment and posttreatment brain MRI. <i>Neuroradiology</i> , 2009, 51, 627-633.	1.1	43
14	The role of 3D volumetric MR sequences in diagnosing intraventricular neurocysticercosis: preliminar results. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 74-78.	0.3	40
15	Late Reactivation of Chagas Disease Presenting in a Recipient as an Expansive Mass Lesion in the Brain after Heart Transplantation of Chagasic Myocardopathy. <i>Journal of Heart and Lung Transplantation</i> , 2007, 26, 1091-1096.	0.3	36
16	Cognitive impairment and magnetic resonance imaging correlations in Wilson's disease. <i>Acta Neurologica Scandinavica</i> , 2013, 127, 391-398.	1.0	36
17	Toxic Leukoencephalopathies, Including Drug, Medication, Environmental, and Radiation-Induced Encephalopathic Syndromes. <i>Seminars in Ultrasound, CT and MRI</i> , 2014, 35, 97-117.	0.7	35
18	Merosin-deficient congenital muscular dystrophy (CMD): a study of 25 Brazilian patients using MRI. <i>Pediatric Radiology</i> , 2005, 35, 572-579.	1.1	33

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19	Reduced Diffusion in Neurocysticercosis: Circumstances of Appearance and Possible Natural History Implications. <i>American Journal of Neuroradiology</i> , 2013, 34, 310-316.	1.2	31
20	GABA _A receptor and LGI1 antibody encephalitis in a patient with thymoma. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2015, 2, e73.	3.1	30
21	Inter- and intrareader variability in the interpretation of two radiographic classification systems for juvenile rheumatoid arthritis. <i>Pediatric Radiology</i> , 2003, 33, 673-681.	1.1	29
22	Bilateral Optic Neuritis in Wegener Granulomatosis. <i>Journal of Neuro-Ophthalmology</i> , 2005, 25, 25-28.	0.4	29
23	Copper deficiency myeloneuropathy in a patient with Wilson disease. <i>Neurology</i> , 2011, 76, 1673-1674.	1.5	29
24	A novel complex neurological phenotype due to a homozygous mutation in FDX2. <i>Brain</i> , 2018, 141, 2289-2298.	3.7	29
25	Altered Functional Connectivity Between Precuneus and Motor Systems in Parkinson's Disease Patients. <i>Brain Connectivity</i> , 2017, 7, 643-647.	0.8	28
26	Substantia nigra fractional anisotropy is not a diagnostic biomarker of Parkinson's disease: A diagnostic performance study and meta-analysis. <i>European Radiology</i> , 2017, 27, 2640-2648.	2.3	28
27	Wilson's disease presenting as rapid eye movement sleep behavior disorder: a possible window to early treatment. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 653-658.	0.3	27
28	Reversible findings of restricted diffusion in 5-fluorouracil neurotoxicity. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2006, 50, 364-368.	0.6	26
29	Non-alcoholic Wernicke's encephalopathy: broadening the clinicrodiological spectrum. <i>British Journal of Radiology</i> , 2010, 83, 437-446.	1.0	26
30	Congenital Genetic Inborn Errors of Metabolism Presenting as an Adult or Persisting Into Adulthood: Neuroimaging in the More Common or Recognizable Disorders. <i>Seminars in Ultrasound, CT and MRI</i> , 2014, 35, 160-191.	0.7	26
31	Histiocytosis: a review focusing on neuroimaging findings. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 548-558.	0.3	25
32	MR Spectroscopy Detects Lipid Peaks in Cerebrotendinous Xanthomatosis. <i>American Journal of Neuroradiology</i> , 2010, 31, 1347-1349.	1.2	23
33	A homozygous loss-of-function mutation in inositol monophosphatase 1 (IMPA1) causes severe intellectual disability. <i>Molecular Psychiatry</i> , 2016, 21, 1125-1129.	4.1	23
34	Proton MR spectroscopy in Wilson disease: analysis of 36 cases. <i>American Journal of Neuroradiology</i> , 2005, 26, 1066-71.	1.2	23
35	Multivoxel Proton MR Spectroscopy in Malformations of Cortical Development. <i>American Journal of Neuroradiology</i> , 2007, 28, 1071-1075.	1.2	22
36	Mania as the first manifestation of Wilson's disease. <i>Bipolar Disorders</i> , 2008, 10, 447-450.	1.1	22

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37	ATYPICAL CLINICAL COURSE OF FXTAS: RAPIDLY PROGRESSIVE DEMENTIA AS THE MAJOR SYMPTOM. <i>Neurology</i> , 2007, 68, 1864-1866.	1.5	20
38	Imaging features of neurotoxoplasmosis: A multiparametric approach, with emphasis on susceptibility-weighted imaging. <i>European Journal of Radiology Open</i> , 2018, 5, 45-51.	0.7	20
39	Dural-based lesions: is it a meningioma?. <i>Neuroradiology</i> , 2021, 63, 1215-1225.	1.1	18
40	Acute Disseminated Encephalomyelitis in COVID-19: presentation of two cases and review of the literature. <i>Arquivos De Neuro-Psiquiatria</i> , 2020, 78, 805-810.	0.3	18
41	Utility of fat-suppressed FLAIR and subtraction imaging in detecting meningeal abnormalities. <i>Neuroradiology</i> , 2006, 48, 881-885.	1.1	16
42	Characterization of pain syndromes in patients with neuromyelitis optica. <i>European Journal of Pain</i> , 2020, 24, 1548-1568.	1.4	16
43	Clinical, cerebrospinal fluid, and neuroimaging findings in COVID-19 encephalopathy: a case series. <i>Neurological Sciences</i> , 2021, 42, 479-489.	0.9	16
44	Intracranial meningiomas: magnetic resonance imaging findings in 78 cases. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 610-614.	0.3	15
45	<i>PUS3</i> mutations are associated with intellectual disability, leukoencephalopathy, and nephropathy. <i>Neurology: Genetics</i> , 2019, 5, e306.	0.9	12
46	Prenatal detection and postnatal management of an intranasal glioma. <i>Journal of Pediatric Surgery</i> , 2012, 47, 1951-1954.	0.8	11
47	Neuroimaging of Mitochondrial Cytopathies. <i>Topics in Magnetic Resonance Imaging</i> , 2018, 27, 219-240.	0.7	11
48	Correlation between carotid bifurcation calcium burden on non-enhanced CT and percentage stenosis, as confirmed by digital subtraction angiography. <i>British Journal of Radiology</i> , 2012, 85, e284-e292.	1.0	10
49	Drug-related demyelinating syndromes: understanding risk factors, pathophysiological mechanisms and magnetic resonance imaging findings. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 55, 103146.	0.9	10
50	Características de imagem na ressonância magnética de gossipiboma intracraniano: relato de caso e revisão da literatura. <i>Radiologia Brasileira</i> , 2009, 42, 407-409.	0.3	10
51	Isolated CNS Whipple disease with a variant of oculofacial skeletal myorhythmia (OFSM). <i>Neurology</i> , 2007, 69, E12.	1.5	9
52	Neuroimaging in cerebral small vessel disease: Update and new concepts. <i>Dementia E Neuropsychologia</i> , 2017, 11, 336-342.	0.3	9
53	Dissecting neuropathic from poststroke pain: the white matter within. <i>Pain</i> , 2022, 163, 765-778.	2.0	9
54	Cervical and axial dystonia in a patient with syringomyelia. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 742-743.	0.3	8

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55	Dissecting central post-stroke pain: a controlled symptom-psycho-physical characterization. <i>Brain Communications</i> , 2022, 4, fcac090.	1.5	8
56	Viral Diseases of the Central Nervous System. <i>Topics in Magnetic Resonance Imaging</i> , 2005, 16, 189-212.	0.7	7
57	Alexander Disease. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 698-700.	0.5	7
58	Human immunodeficiency virus-associated vasculopathy with CNS compartmentalization of HIV-1. <i>Journal of NeuroVirology</i> , 2015, 21, 101-104.	1.0	6
59	Arteriopathy in pediatric stroke: an underestimated clinical entity. <i>Arquivos De Neuro-Psiquiatria</i> , 2021, 79, 321-333.	0.3	6
60	Transalar encephalocele associated with Wegener granulomatosis and meningeal enhancement: case report. <i>American Journal of Neuroradiology</i> , 2005, 26, 1873-5.	1.2	6
61	Copper deficiency in Wilson's disease: An avoidable complication of treatment. <i>Movement Disorders</i> , 2011, 26, 2448-2449.	2.2	5
62	Adult-onset adrenoleukodystrophy presenting as a psychiatric disorder: MRI findings. <i>Dementia E Neuropsychologia</i> , 2012, 6, 290-295.	0.3	5
63	Imaging of adult leukodystrophies. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 625-632.	0.3	5
64	Adult-onset subacute sclerosing panencephalitis manifesting as slowly progressive dementia. <i>Journal of NeuroVirology</i> , 2015, 21, 468-471.	1.0	5
65	Preserved repetition in thalamic afasia. A pathophysiological hypothesis. <i>Dementia E Neuropsychologia</i> , 2019, 13, 244-249.	0.3	5
66	Choreoathetosis secondary to lead toxicity. <i>Arquivos De Neuro-Psiquiatria</i> , 2008, 66, 575-577.	0.3	5
67	Cerebral microbleeds and intravenous thrombolysis: case report. <i>Arquivos De Neuro-Psiquiatria</i> , 2006, 64, 855-857.	0.3	4
68	Thalamic alexia with agraphia. <i>Neurology International</i> , 2012, 4, 4.	1.3	4
69	Rapidly progressive dementia due to neurosarcoidosis. <i>Dementia E Neuropsychologia</i> , 2013, 7, 428-434.	0.3	4
70	Reversible dementia due to Neurocysticercosis: improvement of the racemose type with antihistamines. <i>Dementia E Neuropsychologia</i> , 2015, 9, 85-90.	0.3	4
71	Teaching Neuro <i>Images</i> : Limbic encephalitis associated with relapsing polychondritis. <i>Neurology</i> , 2016, 86, e215-6.	1.5	4
72	Decaying molar tooth sign in Joubert syndrome and related disorders is correlated to a displacement of the corticospinal tract. <i>Neuroradiology</i> , 2017, 59, 1189-1191.	1.1	4

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73	Teaching Neuro Images : Bilateral intracerebral hemorrhage in expanded dengue syndrome. <i>Neurology</i> , 2017, 89, e54.	1.5	4
74	SMART syndrome: a late reversible complication of radiotherapy. <i>Arquivos De Neuro-Psiquiatria</i> , 2013, 71, 336-337.	0.3	4
75	Chronic stage of Marchiafava-Bignami disease. <i>Arquivos De Neuro-Psiquiatria</i> , 2015, 73, 890-890.	0.3	4
76	The role of magnetic resonance imaging in the management of schistosomal myeloradiculopathy. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 167-168.	0.3	4
77	Takayasu's arteritis and cerebral venous thrombosis: comorbidity or coincidence?. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 741-741.	0.3	4
78	Isolated Bilateral Internuclear Ophthalmoplegia After Ischemic Stroke. <i>Journal of Neuro-Ophthalmology</i> , 2007, 27, 125-126.	0.4	3
79	Prefrontal damage in childhood and changes in the development of personality: A case report. <i>Dementia E Neuropsychologia</i> , 2013, 7, 132-135.	0.3	3
80	Which factors are associated with global cognitive impairment in Wilson's disease?. <i>Dementia E Neuropsychologia</i> , 2016, 10, 320-326.	0.3	3
81	Intracranial germinoma causing cerebral haemiatrophy and hypopituitarism. <i>Practical Neurology</i> , 2018, 18, 306-310.	0.5	3
82	Multidetector-row computed tomography in the diagnosis of Collet-Sicard syndrome. <i>BMJ Case Reports</i> , 2009, 2009, bcr2007120972-bcr2007120972.	0.2	3
83	Resolution of MRI findings of copper deficiency myeloneuropathy in a patient with Wilson's disease. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 255-256.	0.3	3
84	Association of optic atrophy and type 1 diabetes: clinical hallmarks for the diagnosis of Wolfram syndrome. <i>Arquivos De Neuro-Psiquiatria</i> , 2015, 73, 466-468.	0.3	3
85	Clinical, histological and imaging aspects of pleomorphic xanthoastrocytomas: the key is in the name. <i>Arquivos De Neuro-Psiquiatria</i> , 2013, 71, 3-4.	0.3	3
86	Massive fatal cerebral air embolism as a negative contrast angiogram. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 1357-1358.	0.9	2
87	Multidetector-row computed tomography in the diagnosis of Collet-Sicard syndrome. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 521-521.	0.9	2
88	Meduloblastoma: correla�o entre resson�ncia magn�tica convencional, difus�o e espectroscopia de pr�tons. <i>Radiologia Brasileira</i> , 2008, 41, 373-378.	0.3	2
89	M�rbius Sequence in a Girl and Arthrogyrosis in her Half-Brother: Distinct Phenotypes Caused By Prenatal Injuries. <i>Fetal and Pediatric Pathology</i> , 2011, 30, 260-265.	0.4	2
90	Magnetic resonance imaging in the diagnosis of Creutzfeldt-Jakob disease: report of two cases. <i>Dementia E Neuropsychologia</i> , 2015, 9, 424-427.	0.3	2

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91	A novel GFAP mutation in a type II (late-onset) Alexander disease patient. <i>Journal of Neurology</i> , 2016, 263, 821-822.	1.8	2
92	Teaching Neuro Images : Mills syndrome. <i>Neurology</i> , 2016, 87, e54.	1.5	2
93	Teaching Video NeuroImages: Multisystemic Erdheim-Chester Disease Presenting as a Cerebellar Ataxia. <i>Neurology</i> , 2021, 96, e3005-e3006.	1.5	2
94	Malignant cerebral venous thrombosis in a transgender patient: intraoperative aspect of vein of Trolard thrombosis. <i>Arquivos De Neuro-Psiquiatria</i> , 2021, 79, 938-939.	0.3	2
95	Adenosine kinase deficiency presenting with tortuous cervical arteries: A risk factor for recurrent stroke. <i>JIMD Reports</i> , 2021, 62, 49-55.	0.7	2
96	Carotid artery dissection plus subdural hematoma after a roller-coaster ride. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 976-976.	0.3	2
97	Susac syndrome. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 812-813.	0.3	2
98	Post-varicella arterial ischemic stroke in children and neurocognitive performance: a 4-year follow-up study. <i>Einstein (Sao Paulo, Brazil)</i> , 2022, 20, eAO6360.	0.3	2
99	Paraneoplastic limbic encephalitis with prominent neuropsychiatric apathy. <i>Journal of the Neurological Sciences</i> , 2014, 337, 224-227.	0.3	1
100	Leukoencephalopathy resolution after atypical mycobacterial treatment: a case report. <i>BMC Neurology</i> , 2015, 15, 159.	0.8	1
101	Teaching NeuroImages: Lacunar stroke and polyarteritis nodosa. <i>Neurology</i> , 2019, 92, e1801-e1802.	1.5	1
102	Author response: Insular and anterior cingulate cortex deep stimulation for central neuropathic pain: Disassembling the percept of pain. <i>Neurology</i> , 2020, 94, 721-722.	1.5	1
103	Reversible cerebral vasoconstriction syndrome associated with putaminal hemorrhage. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 571-571.	0.3	1
104	Computed tomography and magnetic resonance imaging in the osseous phase of Nasu-Hakola disease. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 646-647.	0.3	1
105	Typical clinical and neuroimaging features in Sjögren-Larsson syndrome. <i>Arquivos De Neuro-Psiquiatria</i> , 2018, 76, 283-283.	0.3	1
106	Imaging findings in faciobrachial dystonic seizures associated with LGI-1 antibodies. <i>Arquivos De Neuro-Psiquiatria</i> , 2016, 74, 947-947.	0.3	1
107	Reverse crossed cerebellar diaschisis in status epilepticus: case report. <i>Arquivos De Neuro-Psiquiatria</i> , 2020, 78, 182-182.	0.3	1
108	Atypical Presentation of Primary Central Nervous System Lymphoma. <i>Archives of Neurology</i> , 2009, 66, 406-7.	4.9	0

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109	Biallelic mutation in FDXIL leads to a complex phenotype: optic atrophy, reversible leukoencephalopathy, metabolic myopathy and axonal polyneuropathy. <i>Neuromuscular Disorders</i> , 2017, 27, S206-S207.	0.3	0
110	Calcified intracranial tuberculomas as sequelae of pediatric neurotuberculosis. <i>Arquivos De Neuro-Psiquiatria</i> , 2021, 79, 178-178.	0.3	0
111	Encephalomyelitis responsive to ganciclovir. <i>Arquivos De Neuro-Psiquiatria</i> , 2010, 68, 676-676.	0.3	0
112	Catch-Up Growth in Patients with Congenital or Acquired Growth Hormone Deficiency After GH Replacement: Clinical Features and Hypothalamic-Pituitary Imaging. , 2012, , 963-985.		0
113	Changes in normal appearing spinal cord in multiple sclerosis: another brick in the wall. <i>Arquivos De Neuro-Psiquiatria</i> , 2013, 71, 571-572.	0.3	0
114	Spine magnetic resonance imaging with dynamic flexion sequences for evaluation of mini-polymyoclonus. <i>Arquivos De Neuro-Psiquiatria</i> , 2017, 75, 760-760.	0.3	0
115	Septo-optic dysplasia with late-onset seizure: MRI and ophthalmological features. <i>Arquivos De Neuro-Psiquiatria</i> , 2019, 77, 294-295.	0.3	0
116	Radiologic and histologic findings in Sjögren's sensory neuronopathy. <i>Arquivos De Neuro-Psiquiatria</i> , 2019, 77, 900-900.	0.3	0
117	Intraventricular Neurocysticercosis: The Role of Advanced MRI Sequences. <i>Neurology India</i> , 2020, 68, 716.	0.2	0