

László Solymosi

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

4,413
citations

117625

34
h-index

106344

65
g-index

103
all docs

103
docs citations

103
times ranked

4898
citing authors

#	ARTICLE	IF	CITATIONS
1	Silent embolism in diagnostic cerebral angiography and neurointerventional procedures: a prospective study. <i>Lancet, The</i> , 1999, 354, 1594-1597.	13.7	484
2	Central Retinal Artery Occlusion: Local Intra-arterial Fibrinolysis versus Conservative Treatment, a Multicenter Randomized Trial. <i>Ophthalmology</i> , 2010, 117, 1367-1375.e1.	5.2	251
3	Measurement of the Midbrain Diameter on Routine Magnetic Resonance Imaging. <i>Archives of Neurology</i> , 2001, 58, 1076.	4.5	215
4	Functional Outcome Following Stroke Thrombectomy in Clinical Practice. <i>Stroke</i> , 2019, 50, 2500-2506.	2.0	179
5	Surgical Treatment of Extratemporal Epilepsy: Clinical, Radiologic, and Histopathologic Findings in 60 Patients. <i>Epilepsia</i> , 1996, 37, 1072-1080.	5.1	178
6	Manifestations of early brain recovery associated with abstinence from alcoholism. <i>Brain</i> , 2006, 130, 36-47.	7.6	169
7	MRI of peripheral nerve degeneration and regeneration: correlation with electrophysiology and histology. <i>Experimental Neurology</i> , 2004, 188, 171-177.	4.1	161
8	A new self-expanding nitinol stent (Enterprise) for the treatment of wide-necked intracranial aneurysms: initial clinical and angiographic results in 31 aneurysms. <i>Neuroradiology</i> , 2007, 49, 555-561.	2.2	142
9	<i>in Vivo</i> Monitoring of Macrophage Infiltration in Experimental Ischemic Brain Lesions by Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 1356-1361.	4.3	130
10	Cerebral activation patterns in patients with writer's cramp: a functional magnetic resonance imaging study. <i>Journal of Neurology</i> , 2001, 248, 10-17.	3.6	125
11	Brain Damage After Coronary Artery Bypass Grafting. <i>Archives of Neurology</i> , 2002, 59, 1090.	4.5	123
12	Is There a Benefit of Preoperative Meningioma Embolization?. <i>Neurosurgery</i> , 2000, 47, 1306-1312.	1.1	119
13	Prophylactic intravenous magnesium sulfate for treatment of aneurysmal subarachnoid hemorrhage: A randomized, placebo-controlled, clinical study*. <i>Critical Care Medicine</i> , 2010, 38, 1284-1290.	0.9	116
14	Depth Electrode Implantation in the Length Axis of the Hippocampus for the Presurgical Evaluation of Medial Temporal Lobe Epilepsy: A Computed Tomography-based Stereotactic Insertion Technique and Its Accuracy. <i>Neurosurgery</i> , 1998, 43, 819-826.	1.1	113
15	Muscle magnetic resonance imaging of denervation and reinnervation: correlation with electrophysiology and histology. <i>Experimental Neurology</i> , 2004, 185, 254-261.	4.1	105
16	Heparin and Air Filters Reduce Embolic Events Caused by Intra-Arterial Cerebral Angiography. <i>Circulation</i> , 2004, 110, 2210-2215.	1.6	95
17	Sequential MR imaging of denervated muscle: experimental study. <i>American Journal of Neuroradiology</i> , 2002, 23, 1427-31.	2.4	92
18	Blocking of plasma kallikrein ameliorates stroke by reducing thromboinflammation. <i>Annals of Neurology</i> , 2015, 77, 784-803.	5.3	78

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19	Parangliomas of the spinal canal. <i>World Neurosurgery</i> , 1983, 19, 461-468.	1.3	70
20	THE IMPACT OF BALLOON ANGIOPLASTY ON THE EVOLUTION OF VASOSPASM-RELATED INFARCTION AFTER ANEURYSMAL SUBARACHNOID HEMORRHAGE. <i>Neurosurgery</i> , 2008, 62, 610-617.	1.1	68
21	Cognitive Deficits and Related Brain Lesions in Patients With Chronic Heart Failure. <i>JACC: Heart Failure</i> , 2018, 6, 583-592.	4.1	66
22	Value of Transcranial Doppler, Perfusion-CT and Neurological Evaluation to Forecast Secondary Ischemia after Aneurysmal SAH. <i>Neurocritical Care</i> , 2014, 20, 406-412.	2.4	58
23	MRI in isolated sixth nerve palsies. <i>Neuroradiology</i> , 2001, 43, 742-745.	2.2	56
24	Diagnostic functional MRI: Illustrated clinical applications and decision-making. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 921-932.	3.4	56
25	Auditory brainstem implants in neurofibromatosis Type 2: is open speech perception feasible?. <i>Journal of Neurosurgery</i> , 2014, 120, 546-558.	1.6	53
26	Gadofluorine M enhancement allows more sensitive detection of inflammatory CNS lesions than T2-w imaging: a quantitative MRI study. <i>Brain</i> , 2008, 131, 2341-2352.	7.6	52
27	In vivo monitoring of macrophage infiltration in experimental autoimmune neuritis by magnetic resonance imaging. <i>Journal of Neuroimmunology</i> , 2004, 149, 142-146.	2.3	50
28	MR imaging in the differential diagnosis of neurogenic foot drop. <i>American Journal of Neuroradiology</i> , 2003, 24, 1283-9.	2.4	50
29	Central neurocytoma of the fourth ventricle. <i>Journal of Neurosurgery</i> , 1999, 91, 506-509.	1.6	46
30	Magnetic resonance imaging compared with biopsy in the diagnosis of brainstem diseases of childhood: a multicenter review. <i>Journal of Neurosurgery: Pediatrics</i> , 2007, 106, 111-119.	1.3	45
31	In Vivo Detection of Developing Vessel Occlusion in Photothrombotic Ischemic Brain Lesions in the Rat by Iron Particle Enhanced MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 1548-1555.	4.3	43
32	Spatial diversity of blood-brain barrier alteration and macrophage invasion in experimental autoimmune encephalomyelitis: A comparative MRI study. <i>Experimental Neurology</i> , 2009, 220, 207-211.	4.1	41
33	Proximal stent fixation of fractured coils: technical note. <i>Neuroradiology</i> , 2005, 47, 874-878.	2.2	38
34	Spontaneous regression of experimental gliomas: An immunohistochemical and MRI study of the C6 glioma spheroid implantation model. <i>Experimental Neurology</i> , 2004, 190, 478-485.	4.1	36
35	Immunohistological Analysis of Neutrophils and Neutrophil Extracellular Traps in Human Thrombolytic Causing Acute Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7387.	4.1	36
36	Stroke Etiology Modifies the Effect of Endovascular Treatment in Acute Stroke. <i>Stroke</i> , 2020, 51, 1014-1016.	2.0	34

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37	Temporal changes in total and hippocampal brain volume and cognitive function in patients with chronic heart failure—the COGNITION.MATTERS-HF cohort study. <i>European Heart Journal</i> , 2021, 42, 1569-1578.	2.2	31
38	Endovascular Occlusion of Aneurysms Using a New Bioactive Coil. <i>Stroke</i> , 2007, 38, 2855-2857.	2.0	30
39	The Effect of Ethanol on Human Brain Metabolites Longitudinally Characterized by Proton MR Spectroscopy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 891-902.	4.3	30
40	Increased Arterial Diameters in the Posterior Cerebral Circulation in Men with Fabry Disease. <i>PLoS ONE</i> , 2014, 9, e87054.	2.5	30
41	Diagnosis and treatment of frontobasal skull fractures. <i>Neurosurgical Review</i> , 1997, 20, 19-23.	2.4	29
42	Modulation of prefrontal functioning in attention systems by NPSR1 gene variation. <i>NeuroImage</i> , 2015, 114, 199-206.	4.2	28
43	Tandem Lesions in Anterior Circulation Stroke. <i>Stroke</i> , 2021, 52, 1265-1275.	2.0	28
44	Pathogenic inflammation in the CNS of mice carrying human <i>PLP1</i> mutations. <i>Human Molecular Genetics</i> , 2016, 25, ddw296.	2.9	26
45	Neurophysiological Monitoring, Magnetic Resonance Imaging, and Histological Assays Confirm the Beneficial Effects of Moderate Hypothermia after Epidural Focal Mass Lesion Development in Rodents. <i>Neurosurgery</i> , 2004, 54, 701-712.	1.1	24
46	Value of Perfusion CT, Transcranial Doppler Sonography, and Neurological Examination to Detect Delayed Vasospasm after Aneurysmal Subarachnoid Hemorrhage. <i>Radiology Research and Practice</i> , 2012, 2012, 1-6.	1.3	22
47	MRI follow-up after magnetic resonance-guided focused ultrasound for non-invasive thalamotomy: the neuroradiologist's perspective. <i>Neuroradiology</i> , 2020, 62, 1111-1122.	2.2	21
48	Iron particles enhance visualization of experimental gliomas with high-resolution sonography. <i>American Journal of Neuroradiology</i> , 2005, 26, 1469-74.	2.4	21
49	Air Microbubbles as a Contrast Medium in Transcranial Doppler Sonography. <i>Journal of Neuroimaging</i> , 1991, 1, 173-178.	2.0	20
50	Epidural Spinal Lipomatosis With Acute Onset of Paraplegia in an HIV-Positive Patient Treated With Corticosteroids and Protease Inhibitor. <i>Spine</i> , 2005, 30, E524-E527.	2.0	18
51	Derivo embolization device in the treatment of unruptured intracranial aneurysms: a prospective multicenter study. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 541-546.	3.3	18
52	Fatal atypical reversible posterior leukoencephalopathy syndrome: a case report. <i>Journal of Medical Case Reports</i> , 2013, 7, 14.	0.8	17
53	Resection of piriform cortex predicts seizure freedom in temporal lobe epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 177-189.	3.7	17
54	Safety and efficacy of mechanical thrombectomy in infective endocarditis: A matched case-control analysis from the German Stroke Registry—Endovascular Treatment. <i>European Journal of Neurology</i> , 2021, 28, 861-867.	3.3	16

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55	Endovascular stroke therapy with the Aperio thrombectomy device. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 834-839.	3.3	14
56	Diagnosis of neurinoma in the region of the jugular foramen â€” a case report. <i>Neurosurgical Review</i> , 1987, 10, 41-46.	2.4	13
57	Spinal Canal Stenosis in L-2-Hydroxyglutaric Aciduria. <i>Archives of Neurology</i> , 2000, 57, 1635-7.	4.5	12
58	Surgical Treatment of Dural Arteriovenous Fistulas of the Petrous Apex. <i>World Neurosurgery</i> , 2012, 77, 591.e7-591.e13.	1.3	12
59	Multiple spinal hemangioblastomas in a case of Lindau's disease. <i>World Neurosurgery</i> , 1984, 22, 439-443.	1.3	11
60	Comparison of the effects of infusion with hydroxyethyl starch and low molecular weight dextran on cerebral blood flow and hemorheology in normal baboons. <i>Journal of the Neurological Sciences</i> , 1987, 82, 171-180.	0.6	10
61	A reproducible model of an epidural mass lesion in rodents. Part II: Characterization by in vivo magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 2002, 97, 1419-1423.	1.6	10
62	Hemodynamic effects of decompressive craniotomy in MCA infarction: evaluation with perfusion CT. <i>European Radiology</i> , 2003, 13, 1895-1898.	4.5	10
63	An anatomical assessment of the supracerebellar midline and paramedian approaches to the inferior colliculus for auditory midbrain implants using a neuronavigation model on cadaveric specimens. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 107-112.	1.5	10
64	Is There a Benefit of Preoperative Meningioma Embolization?. <i>Neurosurgery</i> , 2001, 49, 479-479.	1.1	9
65	Bilateral trigeminal neuralgia associated with Chiari's type I malformation. <i>British Journal of Neurosurgery</i> , 2010, 24, 474-476.	0.8	9
66	3D rotational fluoroscopy for intraoperative clip control in patients with intracranial aneurysms â€” assessment of feasibility and image quality. <i>BMC Medical Imaging</i> , 2016, 16, 30.	2.7	9
67	MR-Imaging and Histopathological Diagnostic Work-Up of Patients with Spontaneous Lobar Intracerebral Hemorrhage: Results of an Institutional Prospective Registry Study. <i>Diagnostics</i> , 2021, 11, 368.	2.6	8
68	1 H Magnetic resonance spectroscopy of the lentiform nucleus in primary focal hand dystonia. <i>Movement Disorders</i> , 1998, 13, 929-933.	3.9	7
69	Infarction following chiasmatic low grade glioma resection. <i>Child's Nervous System</i> , 2012, 28, 391-398.	1.1	7
70	An endolymphatic sac tumor with imaging features of aneurysmal bone cysts: differential diagnostic considerations. <i>Child's Nervous System</i> , 2014, 30, 1583-1588.	1.1	6
71	â€œNegative T2 shine throughâ€”in patients with hyperglycemia and seizures: a frequently overlooked MRI pattern. <i>Neuroradiology</i> , 2020, 62, 895-899.	2.2	6
72	An unusual congenital arteriovenous fistula of the vertebral artery and its embolization by a detachable balloon catheter. <i>Neurosurgical Review</i> , 1988, 11, 99-101.	2.4	5

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73	Mechanical Detachable Platinum Coil: Report of the European Phase II Clinical Trial in 60 Patients. <i>Radiology</i> , 2001, 219, 541-544.	7.3	5
74	Influence of Myelography and Postmyelographic CT on Therapeutic Decisions in Degenerative Diseases of the Cervical Spine. <i>Clinical Spine Surgery</i> , 2017, 30, E656-E661.	1.3	5
75	A pure cerebellar syndrome with corresponding ponto-cerebellar atrophy in acquired hepatocerebral degeneration. <i>Journal of the Neurological Sciences</i> , 2010, 292, 96-98.	0.6	4
76	Pressure-Lowering Effect of Fistula Occlusion in a Patient with Secondary Glaucoma Due to an Intracranial Arteriovenous Fistula. <i>Ophthalmology and Therapy</i> , 2015, 4, 135-141.	2.3	4
77	Efficacy of Balloon Angioplasty in the Treatment of Vasospasm after Aneurysmal SAH. <i>Klinische Neuroradiologie</i> , 2007, 17, 180-186.	0.9	3
78	Leiomyolipoma of the Orbit. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2012, 28, e21-e23.	0.8	3
79	Intraoperative Cerebral Angiography by Intravenous Contrast Administration With 3-Dimensional Rotational Fluoroscopy in Patients With Intracranial Aneurysms. <i>Operative Neurosurgery</i> , 2015, 11, 119-126.	0.8	3
80	Carotid dissection presenting as a prolonged cluster-like headache in a patient with episodic cluster headache. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-220845.	0.5	3
81	Spreading along white matter tracts?â€”A case of progressive multifocal leukoencephalopathy with unusual MRI presentation. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 638-640.	1.4	2
82	Endovascular Treatment for Acute Stroke in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2021, 52, e581-e585.	2.0	2
83	High Mobility Group Box 1 Protein in Cerebral Thromboemboli. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11276.	4.1	2
84	Histopathologic Characterization and Neurodegenerative Markers in Patients With Limbic Encephalitis Undergoing Epilepsy Surgery. <i>Frontiers in Neurology</i> , 2022, 13, 859868.	2.4	2
85	Fatal Hemorrhage after Particle Embolization of an Intracranial Meningioma. <i>Klinische Neuroradiologie</i> , 2004, 14, 256-260.	0.9	1
86	Painful cyanotic discoloration of the distal phalanges IV and V of the left hand in a 53-year-old female smoker. <i>JDDG - Journal of the German Society of Dermatology</i> , 2013, 11, 887-891.	0.8	1
87	Fourth Ventricular AVM with Transdural Drainage. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2017, 78, 206-209.	0.8	1
88	Three Decades of Success for Clinical Neuroradiology. <i>Clinical Neuroradiology</i> , 2021, 31, 543-544.	1.9	1
89	Is There a Benefit of Preoperative Meningioma Embolization?. <i>Neurosurgery</i> , 2001, 49, 479.	1.1	1
90	Our Journalâ€™s Progress â€” Indexing!. <i>Klinische Neuroradiologie</i> , 2009, 19, 177-177.	0.9	0

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91	Armin Thron. Clinical Neuroradiology, 2010, 20, 3-3.	1.9	0
92	The 20th Year. Clinical Neuroradiology, 2010, 20, 1-1.	1.9	0
93	Our prestige is growingâ€¦. Clinical Neuroradiology, 2012, 22, 191-191.	1.9	0
94	Good Newsâ€¦. Clinical Neuroradiology, 2015, 25, 223-223.	1.9	0
95	Quo vadis CNR?. Clinical Neuroradiology, 2016, 26, 263-264.	1.9	0
96	Editorial Report. Clinical Neuroradiology, 2017, 27, 261-261.	1.9	0
97	CNR: Stability and Growth. Clinical Neuroradiology, 2018, 28, 311-312.	1.9	0
98	Stability Accomplishedâ€¦. Clinical Neuroradiology, 2019, 29, 399-399.	1.9	0
99	Expanding the Assessment of Research Activity. Clinical Neuroradiology, 2020, 30, 423-424.	1.9	0