

Miklos G Marosfoi

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

3,287
citations

257450

24
h-index

233421

45
g-index

50
all docs

50
docs citations

50
times ranked

2768
citing authors

#	ARTICLE	IF	CITATIONS
1	Pipeline for Uncoilable or Failed Aneurysms: Results from a Multicenter Clinical Trial. <i>Radiology</i> , 2013, 267, 858-868.	7.3	937
2	Treatment of Intracranial Aneurysms by Functional Reconstruction of the Parent Artery: The Budapest Experience with the Pipeline Embolization Device. <i>American Journal of Neuroradiology</i> , 2010, 31, 1139-1147.	2.4	533
3	Long-Term Clinical and Angiographic Outcomes Following Pipeline Embolization Device Treatment of Complex Internal Carotid Artery Aneurysms: Five-Year Results of the Pipeline for Uncoilable or Failed Aneurysms Trial. <i>Neurosurgery</i> , 2017, 80, 40-48.	1.1	346
4	Hemodynamics of Cerebral Aneurysm Initiation: The Role of Wall Shear Stress and Spatial Wall Shear Stress Gradient. <i>American Journal of Neuroradiology</i> , 2011, 32, 587-594.	2.4	185
5	Pipeline for uncoilable or failed aneurysms: 3-year follow-up results. <i>Journal of Neurosurgery</i> , 2017, 127, 81-88.	1.6	162
6	Resolution of Mass Effect and Compression Symptoms following Endoluminal Flow Diversion for the Treatment of Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , 2013, 34, 935-939.	2.4	94
7	Suppression of mutant C9orf72 expression by a potent mixed backbone antisense oligonucleotide. <i>Nature Medicine</i> , 2022, 28, 117-124.	30.7	72
8	Evolution of Flow-Diverter Endothelialization and Thrombus Organization in Giant Fusiform Aneurysms after Flow Diversion: A Histopathologic Study. <i>American Journal of Neuroradiology</i> , 2015, 36, 1716-1720.	2.4	69
9	Quantitative assessment of device-clot interaction for stent retriever thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 1278-1282.	3.3	60
10	Safety, efficacy, and short-term follow-up of the use of Pipeline,® Embolization Device in small (<2.5mm) cerebral vessels for aneurysm treatment: single institution experience. <i>Neuroradiology</i> , 2016, 58, 267-275.	2.2	59
11	Acute thrombus formation on phosphorilcholine surface modified flow diverters. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 406-411.	3.3	58
12	A Safe and Reliable Technique for CNS Delivery of AAV Vectors in the Cisterna Magna. <i>Molecular Therapy</i> , 2020, 28, 411-421.	8.2	58
13	Neuroophthalmological outcomes associated with use of the Pipeline Embolization Device: analysis of the PUF5 trial results. <i>Journal of Neurosurgery</i> , 2015, 123, 897-905.	1.6	53
14	Impact of aneurysmal geometry on intraaneurysmal flow: a computerized flow simulation study. <i>Neuroradiology</i> , 2008, 50, 411-421.	2.2	49
15	Complete clot ingestion with cyclical ADAPT increases first-pass recanalization and reduces distal embolization. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 931-936.	3.3	46
16	Shear-Activated Nanoparticle Aggregates Combined With Temporary Endovascular Bypass to Treat Large Vessel Occlusion. <i>Stroke</i> , 2015, 46, 3507-3513.	2.0	39
17	Communicating malapposition of flow diverters assessed with optical coherence tomography correlates with delayed aneurysm occlusion. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 693-697.	3.3	38
18	Intravascular Optical Coherence Tomography for Neurointerventional Surgery. <i>Stroke</i> , 2019, 50, 218-223.	2.0	37

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19	A neurovascular high-frequency optical coherence tomography system enables in situ cerebrovascular volumetric microscopy. <i>Nature Communications</i> , 2020, 11, 3851.	12.8	34
20	Phosphorylcholine surface modified flow diverter associated with reduced intimal hyperplasia. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 1097-1101.	3.3	33
21	Continuous thrombolysis and repeated thrombectomy with the Penumbra System [®] in a child with hemorrhagic sinus thrombosis: technical note. <i>Acta Neurochirurgica</i> , 2010, 152, 911-916.	1.7	32
22	In situ tissue engineering: endothelial growth patterns as a function of flow diverter design. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 994-998.	3.3	32
23	Two-year single-center experience with the â€˜Baby Trevoâ€™™ stent retriever for mechanical thrombectomy in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 541-546.	3.3	31
24	Focal cooling of brain parenchyma in a transient large vessel occlusion model: proof-of-concept. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 209-213.	3.3	29
25	Imaging Inflammation in Cerebrovascular Disease. <i>Stroke</i> , 2015, 46, 2991-2997.	2.0	26
26	Novel Distal Emboli Protection Technology: The EmboTrap. <i>Interventional Neurology</i> , 2017, 6, 268-276.	1.8	24
27	Microcatheter navigation through the clot: does size matter?. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 271-274.	3.3	23
28	Use of self-expanding stents for better intracranial flow diverter wall apposition. <i>Interventional Neuroradiology</i> , 2017, 23, 129-136.	1.1	21
29	High frequency optical coherence tomography assessment of homogenous neck coverage by intrasaccular devices predicts successful aneurysm occlusion. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 1150-1154.	3.3	19
30	Pipeline Embolization Device for Pericallosal Artery Aneurysms: A Retrospective Single Center Safety and Efficacy Study. <i>Operative Neurosurgery</i> , 2018, 14, 351-358.	0.8	16
31	A canine model of mechanical thrombectomy in stroke. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 1243-1248.	3.3	14
32	Treatment of C-2 metastatic tumors with intraoperative transoral or transpedicular vertebroplasty and occipitocervical posterior fixation. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 886-891.	1.7	8
33	Republished: Trigemino-cardiac reflex caused by selective angiography of the middle meningeal artery. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, e10-e10.	3.3	8
34	Longitudinal Monitoring of Flow-Diverting Stent Tissue Coverage After Implant in a Bifurcation Model Using Neurovascular High-Frequency Optical Coherence Tomography. <i>Neurosurgery</i> , 2020, 87, 1311-1319.	1.1	8
35	Quantitative Characterization of Recanalization and Distal Emboli with a Novel Thrombectomy Device. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 318-324.	2.0	8
36	International teleproctoring in neurointerventional surgery and its potential impact on clinical trials in the era of COVID-19: legal and technical considerations. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, neurintsurg-2020-017053.	3.3	7

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37	Vertebral artery dissection as an extremely rare cause of spinal epidural hematoma: case report and review of the literature. <i>Acta Neurochirurgica</i> , 2009, 151, 1319-1323.	1.7	4
38	Thromboembolic Complication Induced Stable Occlusion of a Ruptured Basilar Tip Aneurysm. <i>Interventional Neuroradiology</i> , 2010, 16, 83-88.	1.1	3
39	Treatment of large and giant posterior communicating artery aneurysms with the Surpass streamline flow diverter: results from the SCENT trial. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 679-683.	3.3	3
40	Trigemino-cardiac reflex caused by selective angiography of the middle meningeal artery. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016012517.	0.5	2
41	Multimodal Bone Metastasis-associated Epidermal Growth Factor Receptor Imaging in an Orthotopic Rat Model. <i>Radiology Imaging Cancer</i> , 2021, 3, e200069.	1.6	1
42	Rare angioproliferative tumors mimicking aggressive spinal hemangioma with epidural expansion. <i>Ideggyogyaszati Szemle</i> , 2012, 65, 42-7.	0.7	1
43	Endovascular Treatment of Intracranial Aneurysms. , 2022, , 985-1000.e4.		0
44	Effect of percutaneous vertebroplasty on adjacent vertebrae: a preliminary biomechanical study. <i>Biomechanica Hungarica</i> , 2009, , .	0.1	0
45	Chronic cerebrospinal venous insufficiency - disease or misdiagnosis?. <i>Ideggyogyaszati Szemle</i> , 2015, 68, 179-182.	0.7	0
46	Treatment of C2 Vertebral Body and Dens Tumors with Intraoperative Transoral or Transpedicular Vertebroplasty and Occipitocervical Posterior Fixation. <i>Global Spine Journal</i> , 2015, 5, s-0035-1554587-s-0035-1554587.	2.3	0