Michael P Marks

List of Publications by Year in Descending Order

139 papers	12,667 citations	48 h-index	112 g-index
147 ext. papers	15,006 ext. citations	7.5 avg, IF	5.76 L-index

#	Paper	IF	Citations
139	Perfusion Imaging Collateral Scores Predict Infarct Growth in Non-Reperfused DEFUSE 3 Patients. *Journal of Stroke and Cerebrovascular Diseases*, **2021**, 31, 106208	2.8	1
138	Thrombectomy for anterior circulation stroke beyond 6 h from time last known well (AURORA): a systematic review and individual patient data meta-analysis. *Lancet, The*, **2021**,	40	15
137	Quality of Life in Physical, Social, and Cognitive Domains Improves With Endovascular Therapy in the DEFUSE 3 Trial. *Stroke*, **2021**, 52, 1185-1191	6.7	0
136	Favorable Venous Outflow Profiles Correlate With Favorable Tissue-Level Collaterals and Clinical Outcome. *Stroke*, **2021**, 52, 1761-1767	6.7	8
135	Association of Venous Outflow Profiles and Successful Vessel Reperfusion After Thrombectomy. *Neurology*, **2021**,	6.5	6
134	MR perfusion imaging: Half-dose gadolinium is half the quality. *Journal of Neuroimaging*, **2021**, 31, 1014-1019	1.8	
133	Venous Outflow Profiles Are Linked to Cerebral Edema Formation at Noncontrast Head CT after Treatment in Acute Ischemic Stroke Regardless of Collateral Vessel Status at CT Angiography. *Radiology*, **2021**, 299, 682-690	20.5	11
132	Radiosurgery as a microsurgical adjunct: outcomes after microsurgical resection of intracranial arteriovenous malformations previously treated with stereotactic radiosurgery. *Journal of Neurosurgery*, **2021**, 1-12	3.2	
131	Comparison of Tmax values between full- and half-dose gadolinium perfusion studies. *Journal of Cerebral Blood Flow and Metabolism*, **2021**, 41, 336-341	7.3	1
130	CT perfusion core and ASPECT score prediction of outcomes in DEFUSE 3. *International Journal of Stroke*, **2021**, 16, 288-294	6.3	4
129	What predicts poor outcome after successful thrombectomy in late time windows?. *Journal of NeuroInterventional Surgery*, **2021**, 13, 421-425	7.8	12
128	Renal Safety of Multimodal Brain Imaging Followed by Endovascular Therapy. *Stroke*, **2021**, 52, 313-316	6.7	1
127	Quantitative Characterization of Recanalization and Distal Emboli with a Novel Thrombectomy Device. *CardioVascular and Interventional Radiology*, **2021**, 44, 318-324	2.7	5
126	Efficacy and safety of embolization of dural arteriovenous fistulas via the ophthalmic artery. *Interventional Neuroradiology*, **2021**, 27, 444-450	1.9	0
125	Perfusion imaging-based tissue-level collaterals predict ischemic lesion net water uptake in patients with acute ischemic stroke and large vessel occlusion. *Journal of Cerebral Blood Flow and Metabolism*, **2021**, 41, 2067-2075	7.3	7
124	Impact of Clot Shape on Successful M1 Endovascular Reperfusion. *Frontiers in Neurology*, **2021**, 12, 642877	4.1	2
123	Predictors of Early and Late Infarct Growth in DEFUSE 3. *Frontiers in Neurology*, **2021**, 12, 699153	4.1	0

122	Distinct intra-arterial clot localization affects tissue-level collaterals and venous outflow profiles. *European Journal of Neurology*, **2021**, 28, 4109-4116	6	4
121	Assessment of Optimal Patient Selection for Endovascular Thrombectomy Beyond 6 Hours After Symptom Onset: A Pooled Analysis of the AURORA Database. *JAMA Neurology*, **2021**, 78, 1064-1071	17.2	8
120	Collateral status contributes to differences between observed and predicted 24-h infarct volumes in DEFUSE 3. *Journal of Cerebral Blood Flow and Metabolism*, **2020**, 40, 1966-1974	7.3	18
119	Treatment of posterior circulation fusiform aneurysms. *Journal of Neurosurgery*, **2020**, 134, 1894-1900	3.2	3
118	Thrombectomy for acute ischemic stroke in nonagenarians compared with octogenarians. *Journal of NeuroInterventional Surgery*, **2020**, 12, 266-270	7.8	21
117	Endovascular versus medical therapy for large-vessel anterior occlusive stroke presenting with mild symptoms. *International Journal of Stroke*, **2020**, 15, 324-331	6.3	17
116	Use of Deep Learning to Predict Final Ischemic Stroke Lesions From Initial Magnetic Resonance Imaging. *JAMA Network Open*, **2020**, 3, e200772	10.4	39
115	Association of Thrombectomy With Stroke Outcomes Among Patient Subgroups: Secondary Analyses of the DEFUSE 3 Randomized Clinical Trial. *JAMA Neurology*, **2019**, 76, 447-453	17.2	12
114	Neuroimaging selection for thrombectomy in pediatric stroke: a single-center experience. *Journal of NeuroInterventional Surgery*, **2019**, 11, 940-946	7.8	17
113	Hypoperfusion Intensity Ratio Is Correlated With Patient Eligibility for Thrombectomy. *Stroke*, **2019**, 50, 917-922	6.7	27
112	Rapid Neurologic Improvement Predicts Favorable Outcome 90 Days After Thrombectomy in the DEFUSE 3 Study. *Stroke*, **2019**, 50, 1172-1177	6.7	17
111	Cerebral foreign body reaction due to hydrophilic polymer embolization following aneurysm treatment by pipeline flow diversion device. *Interventional Neuroradiology*, **2019**, 25, 447-453	1.9	7
110	Results From DEFUSE 3: Good Collaterals Are Associated With Reduced Ischemic Core Growth but Not Neurologic Outcome. *Stroke*, **2019**, 50, 632-638	6.7	44
109	Outcomes of Thrombectomy in Transferred Patients With Ischemic Stroke in the Late Window: A Subanalysis From the DEFUSE 3 Trial. *JAMA Neurology*, **2019**, 76, 682-689	17.2	12
108	Ischemic Core and Hypoperfusion Volumes Correlate With Infarct Size 24 Hours After Randomization in DEFUSE 3. *Stroke*, **2019**, 50, 626-631	6.7	21
107	Persistent Target Mismatch Profile >24 Hours After Stroke Onset in DEFUSE 3. *Stroke*, **2019**, 50, 754-757	6.7	33
106	Thrombectomy Results in Reduced Hospital Stay, More Home-Time, and More Favorable Living Situations in DEFUSE 3. *Stroke*, **2019**, 50, 2578-2581	6.7	11
105	Contralateral Hemispheric Cerebral Blood Flow Measured With Arterial Spin Labeling Can Predict Outcome in Acute Stroke. *Stroke*, **2019**, 50, 3408-3415	6.7	17

104	Abstract WP79: Combination of Tmax and Relative CBV Perfusion Parameters More Accurately Predicts CTA Collaterals Than a Single Perfusion Parameter in DEFUSE 3. *Stroke*, **2019**, 50,	6.7	1
103	Surgical Treatment of Recurrent Previously Coiled and/or Stent-Coiled Intracerebral Aneurysms: A Single-Center Experience in a Series of 75 Patients. *World Neurosurgery*, **2019**, 124, e649-e649	2.1	4
102	Reduced Intravoxel Incoherent Motion Microvascular Perfusion Predicts Delayed Cerebral Ischemia and Vasospasm After Aneurysm Rupture. *Stroke*, **2018**, 49, 741-745	6.7	14
101	Thrombectomy for Stroke at 6 to 16 Hours with Selection by Perfusion Imaging. *New England Journal of Medicine*, **2018**, 378, 708-718	59.2	2185
100	Can diffusion- and perfusion-weighted imaging alone accurately triage anterior circulation acute ischemic stroke patients to endovascular therapy?. *Journal of NeuroInterventional Surgery*, **2018**, 10, 1132-1136	7.8	8
99	Time From Imaging to Endovascular Reperfusion Predicts Outcome in Acute Stroke. *Stroke*, **2018**, 49, 952-957	6.7	16
98	Endovascular Treatment in the DEFUSE 3 Study. *Stroke*, **2018**, 49, 2000-2003	6.7	16
97	Early Cerebral Vein After Endovascular Ischemic Stroke Treatment Predicts Symptomatic Reperfusion Hemorrhage. *Stroke*, **2018**, 49, 1741-1746	6.7	14
96	Thrombectomy for Stroke with Selection by Perfusion Imaging. *New England Journal of Medicine*, **2018**, 378, 1849-1850	59.2	27
95	Multimodal management of arteriovenous malformations of the basal ganglia and thalamus: factors affecting obliteration and outcome. *Journal of Neurosurgery*, **2018**, 131, 410-419	3.2	7
94	Sofia intermediate catheter and the SNAKE technique: safety and efficacy of the Sofia catheter without guidewire or microcatheter construct. *Journal of NeuroInterventional Surgery*, **2018**, 10, 401-406	7.8	18
93	Initial experience with SOFIA as an intermediate catheter in mechanical thrombectomy for acute ischemic stroke. *Journal of NeuroInterventional Surgery*, **2017**, 9, 1103-1106	7.8	24
92	Computed tomographic perfusion to Predict Response to Recanalization in ischemic stroke. *Annals of Neurology*, **2017**, 81, 849-856	9.4	79
91	A multicenter randomized controlled trial of endovascular therapy following imaging evaluation for ischemic stroke (DEFUSE 3). *International Journal of Stroke*, **2017**, 12, 896-905	6.3	165
90	Embolization Followed by Radiosurgery for the Treatment of Brain Arteriovenous Malformations (AVMs). *World Neurosurgery*, **2017**, 99, 471-476	2.1	17
89	Pipeline embolization device retraction and foreshortening after internal carotid artery blister aneurysm treatment. *Interventional Neuroradiology*, **2017**, 23, 614-619	1.9	8
88	Pretreatment blood-brain barrier disruption and post-endovascular intracranial hemorrhage. *Neurology*, **2016**, 87, 263-9	6.5	41
87	Effect of endovascular reperfusion in relation to site of arterial occlusion. *Neurology*, **2016**, 86, 762-70	6.5	28

86	Acute Preoperative Infarcts and Poor Cerebrovascular Reserve Are Independent Risk Factors for Severe Ischemic Complications following Direct Extracranial-Intracranial Bypass for Moyamoya Disease. *American Journal of Neuroradiology*, **2016**, 37, 228-235	4.4	26
85	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials: Consensus Recommendations and Further Research Priorities. *Stroke*, **2016**, 47, 1389-98	6.7	77
84	Detection of Cortical Venous Drainage and Determination of the Borden Type of Dural Arteriovenous Fistula by Means of 3D Pseudocontinuous Arterial Spin-Labeling MRI. *American Journal of Roentgenology*, **2016**, 207, 163-9	5.4	12
83	Reperfusion of very low cerebral blood volume lesion predicts parenchymal hematoma after endovascular therapy. *Stroke*, **2015**, 46, 1245-9	6.7	34
82	Cerebral angioplasty using the Scepter XC dual lumen balloon for the treatment of vasospasm following intracranial aneurysm rupture. *Journal of NeuroInterventional Surgery*, **2015**, 7, 56-61	7.8	8
81	Interhospital variation in reperfusion rates following endovascular treatment for acute ischemic stroke. *Journal of NeuroInterventional Surgery*, **2015**, 7, 231-3	7.8	8
80	Response to endovascular reperfusion is not time-dependent in patients with salvageable tissue. *Neurology*, **2015**, 85, 708-14	6.5	75
79	Use of thromboelastography to tailor dual-antiplatelet therapy in patients undergoing treatment of intracranial aneurysms with the Pipeline embolization device. *Journal of NeuroInterventional Surgery*, **2015**, 7, 425-30	7.8	22
78	Alberta stroke program early computed tomographic scoring performance in a series of patients undergoing computed tomography and MRI: reader agreement, modality agreement, and outcome prediction. *Stroke*, **2015**, 46, 407-12	6.7	88
77	Angiographic outcome of endovascular stroke therapy correlated with MR findings, infarct growth, and clinical outcome in the DEFUSE 2 trial. *International Journal of Stroke*, **2014**, 9, 860-5	6.3	18
76	The case for angioplasty in patients with symptomatic intracranial atherosclerosis. *Frontiers in Neurology*, **2014**, 5, 36	4.1	13
75	Hypoperfusion intensity ratio predicts infarct progression and functional outcome in the DEFUSE 2 Cohort. *Stroke*, **2014**, 45, 1018-23	6.7	104
74	Patients with single distal MCA perfusion lesions have a high rate of good outcome with or without reperfusion. *International Journal of Stroke*, **2014**, 9, 156-9	6.3	12
73	Effect of collateral blood flow on patients undergoing endovascular therapy for acute ischemic stroke. *Stroke*, **2014**, 45, 1035-9	6.7	110
72	Correlation of AOL recanalization, TIMI reperfusion and TICI reperfusion with infarct growth and clinical outcome. *Journal of NeuroInterventional Surgery*, **2014**, 6, 724-8	7.8	48
71	Abstract 188: Correlation of Angiographic Capillary Index Score (CIS) with Diffusion and Perfusion MR Imaging in the DEFUSE 2 Trial. *Stroke*, **2014**, 45,	6.7	1
70	Clinical outcomes strongly associated with the degree of reperfusion achieved in target mismatch patients: pooled data from the Diffusion and Perfusion Imaging Evaluation for Understanding Stroke Evolution studies. *Stroke*, **2013**, 44, 1885-90	6.7	31
69	Recommendations on angiographic revascularization grading standards for acute ischemic stroke: a consensus statement. *Stroke*, **2013**, 44, 2650-63	6.7	884

68	Comparison of the response to endovascular reperfusion in relation to site of arterial occlusion. *Neurology*, **2013**, 81, 614-8	6.5	18
67	Delayed retraction of the pipeline embolization device and corking failure: pitfalls of pipeline embolization device placement in the setting of a ruptured aneurysm. *Operative Neurosurgery*, **2013**, 72, onsE245-50; discussion onsE250-1	1.6	13
66	Multimodality management of Spetzler-Martin Grade III arteriovenous malformations. *Journal of Neurosurgery*, **2012**, 116, 1279-88	3.2	57
65	MRI profile and response to endovascular reperfusion after stroke (DEFUSE 2): a prospective cohort study. *Lancet Neurology, The*, **2012**, 11, 860-7	24.1	612
64	Cerebral proliferative angiopathy. *Journal of NeuroInterventional Surgery*, **2012**, 4, e25	7.8	20
63	Is there a future for endovascular treatment of intracranial atherosclerotic disease after Stenting and Aggressive Medical Management for Preventing Recurrent Stroke and Intracranial Stenosis (SAMMPRIS)?. *Stroke*, **2012**, 43, 580-4	6.7	31
62	Abstract 52: Results of DEFUSE 2: Imaging Endpoints. *Stroke*, **2012**, 43,	6.7	4
61	Abstract 73: Results of DEFUSE 2: Clinical Endpoints. *Stroke*, **2012**, 43,	6.7	1
60	Management of pediatric intracranial arteriovenous malformations: experience with multimodality therapy. *Neurosurgery*, **2011**, 69, 540-56; discussion 556	3.2	94
59	Predictors of clinical and angiographic outcome after surgical or endovascular therapy of very large and giant intracranial aneurysms. *Neurosurgery*, **2011**, 68, 903-15; discussion 915	3.2	39
58	Failure of primary percutaneous angioplasty and stenting in the prevention of ischemia in Moyamoya angiopathy. *Cerebrovascular Diseases*, **2011**, 31, 147-53	3.2	42
57	Arterial spin-labeling MRI can identify the presence and intensity of collateral perfusion in patients with moyamoya disease. *Stroke*, **2011**, 42, 2485-91	6.7	155
56	Optimal Tmax threshold for predicting penumbral tissue in acute stroke. *Stroke*, **2009**, 40, 469-75	6.7	298
55	Relationships between cerebral perfusion and reversibility of acute diffusion lesions in DEFUSE: insights from RADAR. *Stroke*, **2009**, 40, 1692-7	6.7	81
54	Clinical outcome after 450 revascularization procedures for moyamoya disease. Clinical article. *Journal of Neurosurgery*, **2009**, 111, 927-35	3.2	339
53	Geography, structure, and evolution of diffusion and perfusion lesions in Diffusion and perfusion imaging Evaluation For Understanding Stroke Evolution (DEFUSE). *Stroke*, **2009**, 40, 3245-51	6.7	48
52	Optimal definition for PWI/DWI mismatch in acute ischemic stroke patients. *Journal of Cerebral Blood Flow and Metabolism*, **2008**, 28, 887-91	7.3	127
51	Relationships between infarct growth, clinical outcome, and early recanalization in diffusion and perfusion imaging for understanding stroke evolution (DEFUSE). *Stroke*, **2008**, 39, 2257-63	6.7	115

50	Patients with acute stroke treated with intravenous tPA 3-6 hours after stroke onset: correlations between MR angiography findings and perfusion- and diffusion-weighted imaging in the DEFUSE study. *Radiology*, **2008**, 249, 614-23	20.5	55
49	The MRA-DWI mismatch identifies patients with stroke who are likely to benefit from reperfusion. *Stroke*, **2008**, 39, 2491-6	6.7	96
48	Multimodality treatment of posterior fossa arteriovenous malformations. *Journal of Neurosurgery*, **2008**, 108, 1152-61	3.2	66
47	Magnetic resonance imaging in the evaluation of acute stroke. *Topics in Magnetic Resonance Imaging*, **2008**, 19, 225-30	2.3	8
46	Dissection of the V4 segment of the vertebral artery: clinicoradiologic manifestations and endovascular treatment. *European Radiology*, **2007**, 17, 983-93	8	43
45	Risk factors of symptomatic intracerebral hemorrhage after tPA therapy for acute stroke. *Stroke*, **2007**, 38, 2275-8	6.7	155
44	Hemorrhage rate in patients with Spetzler-Martin grades IV and V arteriovenous malformations: is treatment justified?. *Stroke*, **2007**, 38, 325-9	6.7	71
43	Surgical and endovascular management of symptomatic posterior circulation fusiform aneurysms. *Journal of Neurosurgery*, **2007**, 106, 855-65	3.2	78
42	Multimodality treatment of giant intracranial arteriovenous malformations. *Neurosurgery*, **2007**, 61, 432-42; discussion 442-4	3.2	112
41	Magnetic resonance imaging profiles predict clinical response to early reperfusion: the diffusion and perfusion imaging evaluation for understanding stroke evolution (DEFUSE) study. *Annals of Neurology*, **2006**, 60, 508-17	9.4	1004
40	Angioplasty for symptomatic intracranial stenosis: clinical outcome. *Stroke*, **2006**, 37, 1016-20	6.7	195
39	Progression of unilateral moyamoya disease: A clinical series. *Cerebrovascular Diseases*, **2006**, 22, 109-15	3.2	147
38	Outcomes of surgery for resection of regions of symptomatic radiation injury after stereotactic radiosurgery for arteriovenous malformations. *Neurosurgery*, **2006**, 59, 553-60; discussion 553-60	3.2	18
37	Visual Field Preservation After Curative Multi-Modality Treatment of Occipital Lobe Arteriovenous Malformations. *Neurosurgery*, **2005**, 57, 655-667	3.2	15
36	Revascularization of the posterior circulation. *Skull Base*, **2005**, 15, 43-62		13
35	Safety and efficacy of mechanical embolectomy in acute ischemic stroke: results of the MERCI trial. *Stroke*, **2005**, 36, 1432-8	6.7	1066
34	Intracranial angioplasty without stenting for symptomatic atherosclerotic stenosis: long-term follow-up. *American Journal of Neuroradiology*, **2005**, 26, 525-30	4.4	79
33	Visual Field Preservation After Curative Multi-Modality Treatment of Occipital Lobe Arteriovenous Malformations. *Neurosurgery*, **2005**, 57, 655-667	3.2	3

32	Association of early CT abnormalities, infarct size, and apparent diffusion coefficient reduction in acute ischemic stroke. *American Journal of Neuroradiology*, **2004**, 25, 933-8	4.4	16
31	Multimodality treatment of giant intracranial arteriovenous malformations. *Neurosurgery*, **2003**, 53, 1-11; discussion 11-3	3.2	144
30	Deep arteriovenous malformations of the basal ganglia and thalamus: natural history. *Journal of Neurosurgery*, **2003**, 98, 747-50	3.2	88
29	Neurophysiological monitoring in the endovascular therapy of aneurysms. *American Journal of Neuroradiology*, **2003**, 24, 1520-7	4.4	47
28	Diffusion and perfusion magnetic resonance imaging in the evaluation of acute ischemic stroke **2002**, 371-380		
27	Prediction of hemorrhagic transformation following acute stroke: role of diffusion- and perfusion-weighted magnetic resonance imaging. *Archives of Neurology*, **2001**, 58, 587-93		63
26	Is early ischemic lesion volume on diffusion-weighted imaging an independent predictor of stroke outcome? A multivariable analysis. *Stroke*, **2000**, 31, 2597-602	6.7	183
25	Neurosurgical and neuroendovascular management of Takayasu arteritis. *Neurosurgery*, **2000**, 46, 841-51; discussion 851-2	3.2	11
24	Relationship between apparent diffusion coefficient and subsequent hemorrhagic transformation following acute ischemic stroke. *Stroke*, **2000**, 31, 2378-84	6.7	96
23	Basilar artery stenosis: clinical and neuroradiographic features. *Journal of Stroke and Cerebrovascular Diseases*, **2000**, 9, 57-63	2.8	7
22	Embolization of rolandic cortex arteriovenous malformations. *Neurosurgery*, **1999**, 44, 479-84; discussion 484-6	3.2	55
21	Evaluation of early computed tomographic findings in acute ischemic stroke. *Stroke*, **1999**, 30, 389-92	6.7	113
20	Outcome of angioplasty for atherosclerotic intracranial stenosis. *Stroke*, **1999**, 30, 1065-9	6.7	176
19	Longitudinal magnetic resonance imaging study of perfusion and diffusion in stroke: evolution of lesion volume and correlation with clinical outcome. *Annals of Neurology*, **1999**, 46, 568-78	9.4	370
18	Long-term outcomes after carotid stent placement treatment of carotid artery dissection. *Neurosurgery*, **1999**, 45, 1368-73; discussion 1373-4	3.2	127
17	Embolization of basal ganglia and thalamic arteriovenous malformations. *Neurosurgery*, **1999**, 44, 991-6; discussion 996-7	3.2	71
16	Direct and combined revascularization in pediatric moyamoya disease. *Neurosurgery*, **1999**, 45, 50-8; discussion 58-60	3.2	96
15	A standardized MRI stroke protocol: comparison with CT in hyperacute intracerebral hemorrhage. *Stroke*, **1999**, 30, 1974-5	6.7	4

14	Direct and Combined Revascularization in Pediatric Moyamoya Disease. *Neurosurgery*, **1999**, 45, 50	3.2	39
13	Neuropsychological recovery from childhood moyamoya disease. *Brain and Development*, **1998**, 20, 119-23	2.2	18
12	Microsurgical resection of incompletely obliterated intracranial arteriovenous malformations following stereotactic radiosurgery. *Neurologia Medico-Chirurgica*, **1998**, 38 Suppl, 200-7	2.6	21
11	Surgical resection of large incompletely treated intracranial arteriovenous malformations following stereotactic radiosurgery. *Journal of Neurosurgery*, **1996**, 84, 920-8	3.2	86
10	Xe/CT evaluation of chronic ischemic states. *Acta Neurologica Scandinavica*, **1996**, 93, 68-68	3.8	
9	Computed tomography slice-by-slice target-volume delineation for stereotactic proton irradiation of large intracranial arteriovenous malformations: an iterative approach using angiography, computed tomography, and magnetic resonance imaging. *International Journal of Radiation Oncology Biology Physics*, **1996**, 35, 555-64	4	12
8	Navigated diffusion imaging of normal and ischemic human brain. *Magnetic Resonance in Medicine*, **1995**, 33, 720-8	4.4	161
7	VASCULAR MALFORMATIONS. *Magnetic Resonance Imaging Clinics of North America*, **1995**, 3, 485-491	1.6	1
6	The anatomy of the posterior communicating artery as a risk factor for ischemic cerebral infarction. *New England Journal of Medicine*, **1994**, 330, 1565-70	59.2	275
5	Comparison of cerebral artery blood flow measurements with gated cine and ungated phase-contrast techniques. *Journal of Magnetic Resonance Imaging*, **1993**, 3, 705-12	5.6	40
4	Charged-particle Radiosurgery for Intracranial Vascular Malformations. *Neurosurgery Clinics of North America*, **1992**, 3, 99-139	4	63
3	Occult Vascular Malformations of the Optic Chiasm: Magnetic Resonance Imaging Diagnosis and Surgical Laser Resection. *Neurosurgery*, **1990**, 27, 466-470	3.2	24
2	Combination treatment for massive cavernous hemangioma of the face: YAG laser photocoagulation plus direct steroid injection followed by YAG laser resection with sapphire scalpel tips, aided by superselective embolization. *Lasers in Surgery and Medicine*, **1990**, 10, 217-23	3.6	19
1	Stereotactic heavy-charged-particle Bragg-peak radiation for intracranial arteriovenous malformations. *New England Journal of Medicine*, **1990**, 323, 96-101	59.2	276