

Hermann Zeumer

List of Publications by Year in descending order

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47
papers

3,445
citations

218677

26
h-index

197818

49
g-index

54
all docs

54
docs citations

54
times ranked

2819
citing authors

#	ARTICLE	IF	CITATIONS
1	Results of the Stent-Protected Angioplasty versus Carotid Endarterectomy (SPACE) study to treat symptomatic stenoses at 2 years: a multinational, prospective, randomised trial. <i>Lancet Neurology</i> , The, 2008, 7, 893-902.	10.2	718
2	Short-term outcome after stenting versus endarterectomy for symptomatic carotid stenosis: a preplanned meta-analysis of individual patient data. <i>Lancet</i> , The, 2010, 376, 1062-1073.	13.7	383
3	Severe ADC Decreases Do Not Predict Irreversible Tissue Damage In Humans. <i>Stroke</i> , 2002, 33, 79-86.	2.0	275
4	Outcome and Symptomatic Bleeding Complications of Intravenous Thrombolysis Within 6 Hours in MRI-Selected Stroke Patients. <i>Stroke</i> , 2006, 37, 852-858.	2.0	235
5	Predictors of Apparent Diffusion Coefficient Normalization in Stroke Patients. <i>Stroke</i> , 2004, 35, 514-519.	2.0	201
6	Low-Grade and Anaplastic Gliomas: Differences in Architecture Evaluated with Diffusion-Tensor MR Imaging. <i>Radiology</i> , 2006, 239, 217-222.	7.3	139
7	Endovascular Therapy of Acute Vertebrobasilar Occlusion: Early Treatment Onset as the Most Important Factor. <i>Cerebrovascular Diseases</i> , 2002, 14, 42-50.	1.7	124
8	Correlation of Apparent Diffusion Coefficient and Computed Tomography Density in Acute Ischemic Stroke. <i>Stroke</i> , 2002, 33, 1786-1791.	2.0	111
9	Blood Oxygen Level-Dependent MRI Allows Metabolic Description of Tissue at Risk in Acute Stroke Patients. <i>Stroke</i> , 2006, 37, 1778-1784.	2.0	108
10	Sensitivity and interrater agreement of CT and diffusion-weighted MR imaging in hyperacute stroke. <i>American Journal of Neuroradiology</i> , 2003, 24, 878-85.	2.4	90
11	Intravenous Administration of Acetylsalicylic Acid During Endovascular Treatment of Cerebral Aneurysms Reduces the Rate of Thromboembolic Events. <i>Stroke</i> , 2006, 37, 1816-1821.	2.0	88
12	Abciximab Is a Safe Rescue Therapy in Thromboembolic Events Complicating Cerebral Aneurysm Coil Embolization. <i>Stroke</i> , 2009, 40, 1750-1757.	2.0	80
13	Normal Brain Maturation Characterized With Age-Related T2 Relaxation Times: An Attempt to Develop a Quantitative Imaging Measure for Clinical Use. <i>Investigative Radiology</i> , 2004, 39, 740-746.	6.2	77
14	Outcome After Endovascular Treatment of Hunt and Hess Grade IV or V Aneurysms. <i>Stroke</i> , 1999, 30, 2617-2622.	2.0	68
15	Cerebral Blood Flow Predicts Lesion Growth in Acute Stroke Patients. <i>Stroke</i> , 2002, 33, 2421-2425.	2.0	66
16	Reperfusion after Severe Local Perfusion Deficit Precedes Hemorrhagic Transformation: An MRI Study in Acute Stroke Patients. <i>Cerebrovascular Diseases</i> , 2005, 19, 117-124.	1.7	63
17	Local Intra-Arterial Fibrinolysis in Acute Hemispheric Stroke: Effect of Occlusion Type and Fibrinolytic Agent on Recanalization Success and Neurological Outcome. <i>Cerebrovascular Diseases</i> , 2003, 15, 258-263.	1.7	62
18	Editorial Comment-“Carotid Artery Stenting With or Without Protection Devices? Strong Opinions, Poor Evidence!”. <i>Stroke</i> , 2003, 34, 1941-1943.	2.0	55

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19	A joint protocol for the neurosurgical and neuroradiologic treatment of cerebral arteriovenous malformations: Indications, technique, and results in 76 cases. <i>World Neurosurgery</i> , 1993, 40, 476-484.	1.3	40
20	MRI abnormalities in normal-appearing brain tissue of treated adult PKU patients. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 27, 998-1004.	3.4	38
21	Tissue at risk is overestimated in perfusion-weighted imaging: MR imaging in acute stroke patients without vessel recanalization. <i>American Journal of Neuroradiology</i> , 2005, 26, 815-9.	2.4	38
22	Atypical focal MRI lesions in a case of juvenile Alexander's disease. <i>Annals of Neurology</i> , 2003, 53, 118-120.	5.3	37
23	Are There Time-Dependent Differences in Diffusion and Perfusion Within the First 6 Hours After Stroke Onset?. <i>Stroke</i> , 2004, 35, 2099-2104.	2.0	35
24	MRI Features of Pontine Autosomal Dominant Microangiopathy and Leukoencephalopathy (PADMAL). <i>Journal of Neuroimaging</i> , 2010, 20, 134-140.	2.0	35
25	Cerebral perfusion impairment correlates with the decrease of CT density in acute ischaemic stroke. <i>Neuroradiology</i> , 2004, 46, 716-722.	2.2	30
26	Vascular occlusion sites determine differences in lesion growth from early apparent diffusion coefficient lesion to final infarct. <i>American Journal of Neuroradiology</i> , 2005, 26, 1056-61.	2.4	30
27	Cerebral Embolism during Carotid Artery Stenting: Role of Carotid Plaque Echolucency. <i>Cerebrovascular Diseases</i> , 2009, 27, 443-449.	1.7	25
28	Evoked potential monitoring during acute occlusion of the basilar artery and selective local thrombolytic therapy. <i>Archiv Fur Psychiatrie Und Nervenkrankheiten</i> , 1982, 232, 541-548.	0.6	24
29	Intramedullary vascular lesions in the high cervical region: transoral and dorsal surgical approach. Two case reports. <i>Neurosurgical Review</i> , 1990, 13, 65-71.	2.4	22
30	Clinical and Ultrasonic Long-Term Results of Percutaneous Transluminal Carotid Angioplasty. <i>Cerebrovascular Diseases</i> , 1998, 8, 38-41.	1.7	18
31	Magnetic Resonance Imaging and Clinical Patterns of Patients with "Spectacular Shrinking Deficit"™ after Acute Middle Cerebral Artery Stroke. <i>Cerebrovascular Diseases</i> , 2005, 20, 285-290.	1.7	17
32	Clinical applications of quantitative T2 determination: A complementary MRI tool for routine diagnosis of suspected myelination disorders. <i>European Journal of Paediatric Neurology</i> , 2008, 12, 298-308.	1.6	16
33	Management of Cerebral Arteriovenous Malformations Associated with Symptomatic Congestive Intracranial Hypertension. <i>European Neurology</i> , 2008, 59, 62-66.	1.4	15
34	Brain-stem venous congestion due to a dural arteriovenous fistula in the posterior fossa. <i>Journal of Neurology</i> , 1993, 241, 175-177.	3.6	10
35	Kombination einer intraarteriellen rt-PA- plus intravenöser Abciximab-Therapie bei akuten thromboembolischen Verschlüssen der Arteria cerebri media. <i>Klinische Neuroradiologie</i> , 2002, 12, 127-135.	0.9	9
36	Die stentgeschützte perkutane Karotisangioplastie. <i>Klinische Neuroradiologie</i> , 1999, 9, 30-44.	0.9	8

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37	Two-step presurgical endovascular treatment of five arteriovenous malformations partially fed by single vessels en passage. <i>World Neurosurgery</i> , 1999, 52, 160-166.	1.3	8
38	Apparent Diffusion Coefficient, Fractional Anisotropy and T2 Relaxation Time Measurement. <i>Klinische Neuroradiologie</i> , 2007, 17, 230-238.	0.9	8
39	Pulsatile Tinnitus: Clinical and Angiological Evaluation. <i>Cerebrovascular Diseases</i> , 1993, 3, 160-167.	1.7	7
40	Emergency carotid artery stenting in persistent hemodynamic deficit associated with severe carotid stenosis. <i>American Journal of Neuroradiology</i> , 2005, 26, 549-52.	2.4	7
41	Microstructural callosal abnormalities in normal-appearing brain of children with developmental delay detected with diffusion tensor imaging. <i>European Radiology</i> , 2009, 19, 1537-1543.	4.5	6
42	Table for Optimization and Monitoring of Cerebral Aneurysm Therapy (TOMCAT). <i>Klinische Neuroradiologie</i> , 2008, 18, 168-176.	0.9	5
43	Local Intra-arterial Fibrinolysis in the Vertebrobasilar and Carotid Territories. <i>Medical Radiology</i> , 1993, , 159-172.	0.1	3
44	Endovaskuläre Therapie akut symptomatischer vertebrobasilärer Aneurysmen. <i>Klinische Neuroradiologie</i> , 1998, 8, 70-77.	0.9	2
45	MRI and MRS Findings in a Patient with Infantile Neuronal Ceroid Lipofuscinosis. <i>Klinische Neuroradiologie</i> , 2004, 14, 261-264.	0.9	1
46	Some recent and personal ideas about stroke treatment and prophylaxis: editorial review. <i>Current Opinion in Neurology</i> , 2005, 18, 35-37.	3.6	1
47	Cranial Dural Arteriovenous Fistulas: Therapeutic Options. , 2002, , 1245-1252.		0