Karl-olof Lovblad

List of Publications by Year
in descending order

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294	13,452	28274	28297
papers	citations	55 h-index	105 g-index

302	302	302	14078
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carotid artery stenting compared with endarterectomy in patients with symptomatic carotid stenosis (International Carotid Stenting Study): an interim analysis of a randomised controlled trial. Lancet, The, 2010, 375, 985-997.	13.7	1,135
2	The ischemic penumbra. Neurology, 1999, 53, 1528-1528.	1.1	639
3	Enlargement of human cerebral ischemic lesion volumes measured by diffusionâ€weighted magnetic resonance imaging. Annals of Neurology, 1997, 41, 581-589.	5.3	532
4	Strategic roadmap for an early diagnosis of Alzheimer's disease based on biomarkers. Lancet Neurology, The, 2017, 16, 661-676.	10.2	464
5	Neuroanatomy of hemispatial neglect and its functional components: a study using voxel-based lesion-symptom mapping. Brain, 2010, 133, 880-894.	7.6	438
6	Ischemic lesion volumes in acute stroke by diffusionâ€weighted magnetic resonance imaging correlate with clinical outcome. Annals of Neurology, 1997, 42, 164-170.	5.3	419
7	Arterial Spin Labeling Perfusion of the Brain: Emerging Clinical Applications. Radiology, 2016, 281, 337-356.	7.3	360
8	Clinical experience with diffusion-weighted MR in patients with acute stroke. American Journal of Neuroradiology, 1998, 19, 1061-6.	2.4	348
9	Silent functional magnetic resonance imaging demonstrates focal activation in rapid eye movement sleep. Neurology, 1999, 53, 2193-2193.	1.1	205
10	Hypersomnia following paramedian thalamic stroke: A report of 12 patients. Annals of Neurology, 1996, 39, 471-480.	5.3	203
11	Local Intra-Arterial Thrombolysis in Acute Ischemic Stroke. Stroke, 1998, 29, 1894-1900.	2.0	181
12	Multiple acute stroke syndrome. Neurology, 2000, 54, 674-674.	1.1	170
13	Blood blister-like aneurysms: Single center experience and systematic literature review. European Journal of Radiology, 2014, 83, 197-205.	2.6	163
14	Diagnostic Accuracy of Magnetic Resonance Angiography for Internal Carotid Artery Disease. Stroke, 2008, 39, 2237-2248.	2.0	153
15	Post-mortem forensic neuroimaging: Correlation of MSCT and MRI findings with autopsy results. Forensic Science International, 2007, 173, 21-35.	2.2	149
16	Relationships of Overt and Silent Brain Lesions With Cognitive Function in Patients With Atrial Fibrillation. Journal of the American College of Cardiology, 2019, 73, 989-999.	2.8	148
17	Spinal Cord Ischemia: Practical Imaging Tips, Pearls, and Pitfalls. American Journal of Neuroradiology, 2015, 36, 825-830.	2.4	140
18	Line scan diffusion imaging: characterization in healthy subjects and stroke patients.. American Journal of Roentgenology, 1998, 171, 85-93.	2.2	133

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19	Contrast-enhanced 3D MR angiography of the carotid artery: comparison with conventional digital subtraction angiography. American Journal of Neuroradiology, 2002, 23, 213-9.	2.4	133
20	Retardation of myelination due to dietary vitamin B12 deficiency: cranial MRI findings. Pediatric Radiology, 1997, 27, 155-158.	2.0	132
21	High-resolution and functional magnetic resonance imaging of the brachial plexus using an isotropic 3D T2 STIR (Short Term Inversion Recovery) SPACE sequence and diffusion tensor imaging. European Radiology, 2008, 18, 1018-1023.	4.5	131
22	Preoperative transarterial embolization of vertebral metastases. European Spine Journal, 2005, 14, 263-268.	2.2	124
23	Diffusion-Weighted MR in Cerebral Venous Thrombosis. Cerebrovascular Diseases, 2001, 11, 169-176.	1.7	119
24	Clinical applications of diffusion tensor tractography of the spinal cord. Neuroradiology, 2008, 50, 25-29.	2.2	119
25	Arterial Spin Labeling May Contribute to the Prediction of Cognitive Deterioration in Healthy Elderly Individuals. Radiology, 2015, 274, 490-499.	7.3	118
26	Diffusion-weighted MRI for monitoring neurovascular interventions. Neuroradiology, 2000, 42, 134-138.	2.2	111
27	Individual Prediction of Cognitive Decline in Mild Cognitive Impairment Using Support Vector Machine-Based Analysis of Diffusion Tensor Imaging Data. Journal of Alzheimer's Disease, 2010, 22, 315-327.	2.6	111
28	Combined analysis of grey matter voxel-based morphometry and white matter tract-based spatial statistics in late-life bipolar disorder. Journal of Psychiatry and Neuroscience, 2011, 36, 391-401.	2.4	105
29	Flow-Diverting Stent for Ruptured Intracranial Dissecting Aneurysm of Vertebral Artery. Neurosurgery, 2012, 70, 982-989.	1.1	102
30	Individual Detection of Patients with Parkinson Disease using Support Vector Machine Analysis of Diffusion Tensor Imaging Data: Initial Results. American Journal of Neuroradiology, 2012, 33, 2123-2128.	2.4	99
31	Clinical Correlations of Diffusion and Perfusion Lesion Volumes in Acute Ischemic Stroke. Cerebrovascular Diseases, 2000, 10, 441-448.	1.7	95
32	Relation between Directly Detected Patent Foramen Ovale and Ischemic Brain Lesions in Sport Divers. Annals of Internal Medicine, 2001, 134, 21.	3.9	93
33	Clinical Applications of Hybrid PET/MRI in Neuroimaging. Clinical Nuclear Medicine, 2013, 38, e13-e18.	1.3	92
34	Use of diffusion-weighted magnetic resonance imaging in differentiating purulent brain processes from cystic brain tumors. Journal of Neurosurgery, 2002, 97, 1101-1107.	1.6	91
35	MR Imaging in Multiple Sclerosis: Review and Recommendations for Current Practice. American Journal of Neuroradiology, 2010, 31, 983-989.	2.4	91
36	Clinical applications of diffusion weighted imaging in neuroradiology. Insights Into Imaging, 2018, 9, 535-547.	3.4	89

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37	A DSA-Based Method Using Contrast-Motion Estimation for the Assessment of the Intra-Aneurysmal Flow Changes Induced by Flow-Diverter Stents. American Journal of Neuroradiology, 2013, 34, 808-815.	2.4	87
38	Longitudinal analysis of cognitive performances and structural brain changes in lateâ€life bipolar disorder. International Journal of Geriatric Psychiatry, 2011, 26, 1309-1318.	2.7	86
39	Penumbra System: A Novel Mechanical Thrombectomy Device for Large-Vessel Occlusions in Acute Stroke. American Journal of Neuroradiology, 2010, 31, 628-633.	2.4	84
40	Functional imaging of head and neck squamous cell carcinoma with diffusion-weighted MRI and FDG PET/CT: quantitative analysis of ADC and SUV. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 842-852.	6.4	84
41	Structural white-matter connections mediating distinct behavioral components of spatial neglect in right brain-damaged patients. Cortex, 2016, 77, 54-68.	2.4	83
42	Silent Cerebral Ischemia Detected by Diffusion-Weighted MRI After Carotid Endarterectomy. Stroke, 2000, 31, 1824-1828.	2.0	81
43	Dynamic reconfiguration of human brain functional networks through neurofeedback. NeuroImage, 2013, 81, 243-252.	4.2	79
44	Do brain T2/FLAIR white matter hyperintensities correspond to myelin loss in normal aging? A radiologic-neuropathologic correlation study. Acta Neuropathologica Communications, 2013, 1, 14.	5.2	78
45	Interictal arterial spin-labeling MRI perfusion in intractable epilepsy. Journal of Neuroradiology, 2010, 37, 60-63.	1.1	77
46	Differentiation between Parkinson disease and other forms of Parkinsonism using support vector machine analysis of susceptibility-weighted imaging (SWI): initial results. European Radiology, 2013, 23, 12-19.	4.5	76
47	Combined Use of Pulsed Arterial Spin-Labeling and Susceptibility-Weighted Imaging in Stroke at 3T. European Neurology, 2010, 64, 286-296.	1.4	73
48	Cerebral Microhemorrhage and Iron Deposition in Mild Cognitive Impairment: Susceptibility-weighted MR Imaging Assessment. Radiology, 2010, 257, 764-773.	7.3	73
49	Diffusion-Weighted Magnetic Resonance Imaging in Brain Death. Stroke, 2000, 31, 539-542.	2.0	71
50	Diffusion-weighted MRI in acute spinal cord ischaemia. Neuroradiology, 2003, 45, 557-561.	2.2	71
51	State-of-the-art MRI techniques in neuroradiology: principles, pitfalls, and clinical applications. Neuroradiology, 2015, 57, 441-467.	2.2	69
52	Movement control of manipulative tasks in patients with Gilles de la Tourette syndrome. Brain, 2002, 125, 290-300.	7.6	63
53	Clot-Based Radiomics Predict a Mechanical Thrombectomy Strategy for Successful Recanalization in Acute Ischemic Stroke. Stroke, 2020, 51, 2488-2494.	2.0	63
54	Intracranial aneurysm stenting: Follow-up with MR angiography. Journal of Magnetic Resonance Imaging, 2006, 24, 418-422.	3.4	62

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55	Endovascular Treatment of Acute and Subacute Hemorrhage in the Head and Neck. JAMA Otolaryngology, 2000, 126, 1255.	1.2	60
56	Clinical validity of medial temporal atrophy as a biomarker for Alzheimer's disease in the context of a structured 5-phase development framework. Neurobiology of Aging, 2017, 52, 167-182.e1.	3.1	60
57	Particle Imaging Velocimetry Evaluation of Intracranial Stents in Sidewall Aneurysm: Hemodynamic Transition Related to the Stent Design. PLoS ONE, 2014, 9, e113762.	2.5	55
58	Approaches for the optimization of MR protocols in clinical hybrid PET/MRI studies. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2013, 26, 57-69.	2.0	54
59	Two Intrinsic Coupling Types for Resting-State Integration in the Human Brain. Brain Topography, 2015, 28, 318-329.	1.8	53
60	Computational fluid dynamics analysis of flow reduction induced by flow-diverting stents in intracranial aneurysms: a patient-unspecific hemodynamics change perspective. Journal of NeuroInterventional Surgery, 2016, 8, 1288-1293.	3.3	53
61	A Technical Note. Interventional Neuroradiology, 2013, 19, 27-34.	1.1	51
62	Direct thromboaspiration efficacy for mechanical thrombectomy is related to the angle of interaction between the aspiration catheter and the clot. Journal of NeuroInterventional Surgery, 2020, 12, 396-400.	3.3	51
63	Anterior spinal artery stroke demonstrated by echo-planar DWI. European Radiology, 2001, 11, 2607-2610.	4.5	50
64	New Pipeline Flex device: initial experience and technical nuances. Journal of NeuroInterventional Surgery, 2015, 7, 920-925.	3.3	48
65	Desmoteplase 3 to 9 Hours After Major Artery Occlusion Stroke. Stroke, 2016, 47, 2880-2887.	2.0	48
66	3D fat-saturated T1 SPACE sequence for the diagnosis of cervical artery dissection. Neuroradiology, 2013, 55, 595-602.	2.2	47
67	MRI of Cerebellar Infarction. European Neurology, 2017, 77, 137-146.	1.4	47
68	Acute Leukoencephalopathy after Inhalation of a Single Dose of Heroin. Neuropediatrics, 2003, 34, 100-104.	0.6	46
69	Susceptibility-Weighted MR Imaging for Diagnosis of Capillary Telangiectasia of the Brain. American Journal of Neuroradiology, 2012, 33, 715-720.	2.4	46
70	Forensic Application of Postmortem Diffusion-Weighted and Diffusion Tensor MR Imaging of the Human Brain in Situ. American Journal of Neuroradiology, 2011, 32, 1518-1524.	2.4	45
71	Individual Classification of Mild Cognitive Impairment Subtypes by Support Vector Machine Analysis of White Matter DTI. American Journal of Neuroradiology, 2013, 34, 283-291.	2.4	45
72	The Fornix and Limbic System. Seminars in Ultrasound, CT and MRI, 2014, 35, 459-473.	1.5	45

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73	Turbo spin-echo diffusion-weighted MR of ischemic stroke. American Journal of Neuroradiology, 1998, 19, 201-8; discussion 209.	2.4	45
74	Damage to the parietal lobe impairs bimanual coordination. NeuroReport, 2001, 12, 2721-2724.	1.2	44
75	Diffusion-weighted MRI suggests the coexistence of cytotoxic and vasogenic oedema in a case of deep cerebral venous thrombosis. Neuroradiology, 2000, 42, 728-731.	2.2	43
76	Fast contrast-enhanced MR whole-brain venography. Neuroradiology, 2002, 44, 681-688.	2.2	43
77	Magnetic resonance imaging determinants of intraindividual variability in the elderly: combined analysis of grey and white matter. Neuroscience, 2011, 186, 88-93.	2.3	42
78	Acute caffeine administration impact on working memory-related brain activation and functional connectivity in the elderly: A BOLD and perfusion MRI study. Neuroscience, 2013, 250, 364-371.	2.3	42
79	Radiation dose in vertebroplasty. Neuroradiology, 2004, 46, 243-245.	2.2	41
80	Early assessment of brain maturation by MR imaging segmentation in neonates and premature infants. American Journal of Neuroradiology, 2006, 27, 972-7.	2.4	41
81	Magnetic resonance angiography with ultrashort echo times reduces the artefact of aneurysm clips. Neuroradiology, 2002, 44, 755-758.	2.2	40
82	Evaluation of the influence of inlet boundary conditions on computational fluid dynamics for intracranial aneurysms: A virtual experiment. Journal of Biomechanics, 2013, 46, 1531-1539.	2.1	40
83	Evaluation of wholeâ€body MR to CT deformable image registration. Journal of Applied Clinical Medical Physics, 2013, 14, 238-253.	1.9	40
84	Focal status epilepticus: follow-up by perfusion- and diffusion MRI. European Radiology, 2002, 12, 568-574.	4.5	39
85	Dynamic MR angiography (MRA) of spinal vascular diseases at 3T. European Radiology, 2010, 20, 2491-2495.	4.5	39
86	Computed tomography in acute ischemic stroke. Neuroradiology, 2010, 52, 175-187.	2.2	39
87	Multivariate Pattern Recognition for Diagnosis and Prognosis in Clinical Neuroimaging: State of the Art, Current Challenges and Future Trends. Brain Topography, 2014, 27, 329-337.	1.8	39
88	Changes on diffusion-weighted MRI with focal motor status epilepticus: case report. Neuroradiology, 2003, 45, 246-249.	2.2	38
89	Imaging of acute stroke: CT and/or MRI. Journal of Neuroradiology, 2015, 42, 55-64.	1.1	38
90	Imaging the rat brain on a 1.5 T clinical MR-scanner. Journal of Neuroscience Methods, 2000, 97, 77-85.	2.5	37

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91	Lethal Ischemic Stroke after Cisplatin-Based Chemotherapy for Testicular Carcinoma and Cannabis Inhalation. European Neurology, 2002, 48, 178-180.	1.4	37
92	New pathology classification, imagery techniques and prospective trials for meningiomas: the future looks bright. Current Opinion in Neurology, 2010, 23, 563-570.	3.6	37
93	The Catch Mini stent retriever for mechanical thrombectomy in distal intracranial occlusions. Journal of Neuroradiology, 2018, 45, 305-309.	1.1	37
94	Neuro-imaging of cerebral ischemic stroke. Journal of Neuroradiology, 2008, 35, 197-209.	1.1	36
95	Functional connectivity underlying cognitive and psychiatric symptoms in post-COVID-19 syndrome: is anosognosia a key determinant?. Brain Communications, 2022, 4, fcac057.	3.3	35
96	Anatomically guided voxel-based partial volume effect correction in brain PET: Impact of MRI segmentation. Computerized Medical Imaging and Graphics, 2012, 36, 610-619.	5.8	34
97	Quantification of Internal Carotid Artery Flow with Digital Subtraction Angiography: Validation of an Optical Flow Approach with Doppler Ultrasound. American Journal of Neuroradiology, 2014, 35, 156-163.	2.4	34
98	Current status of mechanical thrombectomy for acute stroke treatment. Journal of Neuroradiology, 2015, 42, 12-20.	1.1	34
99	Diffusion-weighted MRI in cortical ischaemia. Neuroradiology, 2004, 46, 175-182.	2.2	33
100	Hearing loss and vertigo in superficial siderosis of the central nervous system. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2004, 25, 142-149.	1.3	33
101	Assessment of intra-aneurysmal flow modification after flow diverter stent placement with four-dimensional flow MRI: a feasibility study. Journal of NeuroInterventional Surgery, 2015, 7, 913-919.	3.3	33
102	COVIDâ€19 encephalopathy: Clinical and neurobiological features. Journal of Medical Virology, 2021, 93, 4374-4381.	5.0	32
103	Shoulder Apprehension Impacts Large-Scale Functional Brain Networks. American Journal of Neuroradiology, 2014, 35, 691-697.	2.4	31
104	Computational fluid dynamics with stents: quantitative comparison with particle image velocimetry for three commercial off the shelf intracranial stents. Journal of NeuroInterventional Surgery, 2016, 8, 309-315.	3.3	31
105	3D phase contrast MRI: Partial volume correction for robust blood flow quantification in small intracranial vessels. Magnetic Resonance in Medicine, 2018, 79, 129-140.	3.0	31
106	Degeneration of the cervical disc: histology compared with radiography and magnetic resonance imaging. Neuroradiology, 2005, 47, 721-729.	2.2	30
107	Contribution of the apparent diffusion coefficient in perilesional edema for the assessment of brain tumors. Journal of Neuroradiology, 2008, 35, 224-229.	1.1	30
108	Geometrical deployment for braided stent. Medical Image Analysis, 2016, 30, 85-94.	11.6	30

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109	From patient to model: stereolithographic modeling of the cerebral vasculature based on rotational angiography. American Journal of Neuroradiology, 2005, 26, 1425-7.	2.4	30
110	Whole-brain functional magnetic resonance imaging of cerebral arteriovenous malformations involving the motor pathways. Neuroradiology, 2002, 44, 1-10.	2.2	29
111	Actual diagnostic approach to the acute stroke patient. European Radiology, 2006, 16, 1253-1269.	4.5	29
112	Hemodynamic transition driven by stent porosity in sidewall aneurysms. Journal of Biomechanics, 2015, 48, 1300-1309.	2.1	29
113	Reperfusion demonstrated by apparent diffusion coefficient mapping after local intra-arterial thrombolysis for ischaemic stroke. Neuroradiology, 2001, 43, 591-594.	2.2	28
114	Wall Shear Stress Distribution of Small Aneurysms Prone to Rupture. Stroke, 2014, 45, 261-264.	2.0	28
115	Dural Ectasia of the Optic Nerve Sheath in Neurofibromatosis Type 1. Journal of Computer Assisted Tomography, 1994, 18, 728-730.	0.9	27
116	Functional burst imaging. Magnetic Resonance in Medicine, 1998, 40, 614-621.	3.0	27
117	Recovery of the default mode network after demanding neurofeedback training occurs in spatio-temporally segregated subnetworks. NeuroImage, 2012, 63, 1775-1781.	4.2	27
118	Neuroimaging of dementia in 2013: what radiologists need to know. European Radiology, 2013, 23, 3393-3404.	4.5	27
119	18FDG-PET-CT. Stroke, 2014, 45, 3561-3566.	2.0	27
120	Multi-time-lag PIV analysis of steady and pulsatile flows in a sidewall aneurysm. Experiments in Fluids, 2014, 55, 1.	2.4	27
121	Evaluation of electrode position in deep brain stimulation by image fusion (MRI and CT). Neuroradiology, 2015, 57, 903-908.	2.2	27
122	Endovascular therapy versus intravenous thrombolysis in cervical artery dissection ischemic stroke â€“ Results from the SWISS registry. European Stroke Journal, 2018, 3, 47-56.	5.5	27
123	Isotropic apparent diffusion coefficient mapping of postnatal cerebral development. Neuroradiology, 2003, 45, 400-403.	2.2	26
124	Hemodynamics of Focal Versus Global Growth of Small Cerebral Aneurysms. Clinical Neuroradiology, 2019, 29, 285-293.	1.9	26
125	Magnetic resonance imaging correlates of first-episode psychosis in young adult male patients: combined analysis of grey and white matter. Journal of Psychiatry and Neuroscience, 2012, 37, 305-312.	2.4	26
126	Diffusion and perfusion MRI for the localisation of epileptogenic foci in drug-resistant epilepsy. Neuroradiology, 2002, 44, 475-480.	2.2	25

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127	Neuroimaging of Diving-Related Decompression Illness: Current Knowledge and Perspectives. American Journal of Neuroradiology, 2014, 35, 2039-2044.	2.4	25
128	Acute Caffeine Administration Effect on Brain Activation Patterns in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2014, 41, 101-112.	2.6	25
129	Resting-State Brain Activity for Early Prediction Outcome in Postanoxic Patients in a Coma with Indeterminate Clinical Prognosis. American Journal of Neuroradiology, 2020, 41, 1022-1030.	2.4	25
130	Monovoxel ¹H Magnetic Resonance Spectroscopy in the Progression of Gliomas. European Neurology, 2007, 58, 198-209.	1.4	24
131	Three-Dimensional MR Imaging of the Brachial Plexus. Seminars in Musculoskeletal Radiology, 2015, 19, 137-148.	0.7	24
132	Diagnosis of acute ischemia using dual energy CT after mechanical thrombectomy. Journal of NeuroInterventional Surgery, 2016, 8, 996-1000.	3.3	24
133	Long COVID Neuropsychological Deficits after Severe, Moderate, or Mild Infection. Clinical and Translational Neuroscience, 2022, 6, 9.	0.9	24
134	MRI of paramedian thalamic stroke with sleep disturbance. Neuroradiology, 1997, 39, 693-698.	2.2	23
135	Striatal Grafts in a Rat Model of Huntington's Disease: Time Course Comparison of MRI and Histology. Experimental Neurology, 1999, 156, 180-190.	4.1	23
136	Arterial spin-labeling MRI perfusion in tuberous sclerosis: Correlation with PET. Journal of Neuroradiology, 2010, 37, 127-130.	1.1	23
137	Imaging of the cavernous sinus lesions. Diagnostic and Interventional Imaging, 2014, 95, 849-859.	3.2	23
138	The A/T/N model applied through imaging biomarkers in a memory clinic. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 247-255.	6.4	23
139	The value of protective head cap and glasses in neurointerventional radiology. Journal of NeuroInterventional Surgery, 2016, 8, 736-740.	3.3	22
140	Vessel calibre and flow splitting relationships at the internal carotid artery terminal bifurcation. Physiological Measurement, 2017, 38, 2044-2057.	2.1	22
141	Normal Values of Magnetic Relaxation Parameters of Spine Components with the Synthetic MRI Sequence. American Journal of Neuroradiology, 2018, 39, 788-795.	2.4	22
142	Evaluation of perfusion CT and TIBI grade in acute stroke for predicting thrombolysis benefit and clinical outcome. Journal of Neuroradiology, 2009, 36, 131-137.	1.1	21
143	Basic MR sequence parameters systematically bias automated brain volume estimation. Neuroradiology, 2016, 58, 1153-1160.	2.2	21
144	Cerebrovascular Complications and Vessel Wall Imaging in COVID-19 Encephalopathyâ€”AÂPilotÂStudy. Clinical Neuroradiology, 2022, 32, 287-293.	1.9	21

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145	ADC mapping of the aging frontal lobes in mild cognitive impairment. Neuroradiology, 2004, 46, 282-286.	2.2	20
146	Diffusion tensor imaging analysis with tract-based spatial statistics of the white matter abnormalities after epilepsy surgery. Epilepsy Research, 2011, 94, 189-197.	1.6	20
147	Virtual-versus-Real Implantation of Flow Diverters: Clinical Potential and Influence of Vascular Geometry. American Journal of Neuroradiology, 2016, 37, 2079-2086.	2.4	19
148	Imaging Clot Characteristics in Stroke and its Possible Implication on Treatment. Clinical Neuroradiology, 2020, 30, 27-35.	1.9	19
149	Abnormal myelination in a patient with deletion 14q11.2q13.1. Pediatric Neurology, 2000, 23, 170-172.	2.1	18
150	Perfusion MRI abnormalities in the absence of diffusion changes in a case of moyamoya-like syndrome in neurofibromatosis type 1. Neuroradiology, 2002, 44, 938-941.	2.2	18
151	4D-CT angiography versus 3D-rotational angiography as the imaging modality for computational fluid dynamics of cerebral aneurysms. Journal of NeuroInterventional Surgery, 2020, 12, 626-630.	3.3	18
152	Ictal hyperperfusion demonstrated by arterial spin-labeling MRI in status epilepticus. Journal of Neuroradiology, 2010, 37, 250-251.	1.1	17
153	Accuracy of a Novel Risk Index Combining Degree of Stenosis of the Carotid Artery and Plaque Surface Echogenicity. Stroke, 2012, 43, 1260-1265.	2.0	17
154	Feasibility of a Synthetic MR Imaging Sequence for Spine Imaging. American Journal of Neuroradiology, 2018, 39, 1756-1763.	2.4	17
155	Creutzfeldt-Jakob Disease Revealed by a Logopenic Variant of Primary Progressive Aphasia. European Neurology, 2012, 67, 360-362.	1.4	16
156	Combined Grey Matter VBM and White Matter TBSS Analysis in Young First Episode Psychosis Patients With and Without Cannabis Consumption. Brain Topography, 2013, 26, 641-647.	1.8	16
157	Evaluating anorexia-related brain atrophy using MP2RAGE-based morphometry. European Radiology, 2017, 27, 5064-5072.	4.5	16
158	Line-scan diffusion tensor imaging of the posttraumatic brain stem: changes with neuropathologic correlation. American Journal of Neuroradiology, 2006, 27, 70-3.	2.4	16
159	Preclinical testing of a new clot-retrieving wire device using polyvinyl alcohol hydrogel vascular models. Neuroradiology, 2007, 49, 243-251.	2.2	15
160	Arterial spin-labeling demonstrates ictal cortical hyperperfusion in epilepsy secondary to hemimegalencephaly. Journal of Neuroradiology, 2009, 36, 303-305.	1.1	15
161	Use of the Enterpriseâ„¢ Intracranial Stent for Revascularization of Large Vessel Occlusions in Acute Stroke. Clinical Neuroradiology, 2010, 20, 54-60.	1.9	15
162	Clinicoradiologic Correlations of Cerebral Microbleeds in Advanced Age. American Journal of Neuroradiology, 2017, 38, 39-45.	2.4	15

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163	Brain connectivity and metacognition in persons with subjective cognitive decline (COSCODE): rationale and study design. Alzheimer's Research and Therapy, 2021, 13, 105.	6.2	15
164	Percutaneous vertebroplasty through a transdiscal access route after lumbar transpedicular instrumentation*1. Spine Journal, 2004, 4, 475-479.	1.3	14
165	Surgical anatomy and functional connectivity of the limbic system. Neurosurgical Focus, 2009, 27, E3.	2.3	14
166	Isolated prospective confabulation in Wernickeâ€“Korsakoff syndrome: a case for reality filtering. Neurocase, 2013, 19, 90-104.	0.6	14
167	Intra-Aneurysmal Flow Patterns: Illustrative Comparison among Digital Subtraction Angiography, Optical Flow, and Computational Fluid Dynamics. American Journal of Neuroradiology, 2014, 35, 2348-2353.	2.4	14
168	Neurovascular stent artifacts in 3Dâ€TOF and 3Dâ€PCMRI: Influence of stent design on flow measurement. Magnetic Resonance in Medicine, 2019, 81, 560-572.	3.0	14
169	Diffusion weighted MR imaging on a low-field open magnet. Comparison with findings at 1.5T in 18 patients with cerebral ischemia. Journal of Neuroradiology, 2003, 30, 25-30.	1.1	14
170	Pattern ofÂregional cerebral blood-flow changes induced byÂacute heroin administration â€“ aÂperfusion MRI study. Journal of Neuroradiology, 2007, 34, 322-329.	1.1	13
171	Arterial spin labeling shows cortical collateral flow in the endovascular treatment of vasospasm after post-traumatic subarachnoid hemorrhage. Journal of Neuroradiology, 2009, 36, 158-161.	1.1	13
172	Volumetric Measurements of Brain Shift Using Intraoperative Cone-Beam Computed Tomography. Operative Neurosurgery, 2016, 12, 4-13.	0.8	13
173	CT imaging selection in acute stroke. European Journal of Radiology, 2017, 96, 153-161.	2.6	13
174	CT and MRI in Acute Hemorrhagic Stroke. Cerebrovascular Diseases, 2000, 10, 480-482.	1.7	12
175	Apparent diffusion coefficient mapping of infarcted tissue and the ischaemic penumbra in acute stroke. Neuroradiology, 2002, 44, 812-818.	2.2	12
176	White matter lesions in watershed territories studied with MRI and parenchymography: a comparative study. Neuroradiology, 2005, 47, 425-430.	2.2	12
177	Multiple Coaxial Catheter System for Reliable Access in Interventional Stroke Therapy. CardioVascular and Interventional Radiology, 2010, 33, 1205-1209.	2.0	12
178	Arterialization of Cerebral Veins on Dynamic MDCT Angiography: A Possible Sign of a Dural Arteriovenous Fistula. American Journal of Roentgenology, 2005, 184, 1313-1316.	2.2	11
179	Magnetic Resonance Imaging Techniques in White Matter Disease. Topics in Magnetic Resonance Imaging, 2009, 20, 301-312.	1.2	11
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