

Birgit Ertl-Wagner

List of Publications by Year in descending order

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Version: 2024-02-01

153
papers

5,776
citations

71102

41
h-index

98798

67
g-index

155
all docs

155
docs citations

155
times ranked

10349
citing authors

#	ARTICLE	IF	CITATIONS
1	Hough-CNN: Deep learning for segmentation of deep brain regions in MRI and ultrasound. <i>Computer Vision and Image Understanding</i> , 2017, 164, 92-102.	4.7	282
2	A Novel Imaging Marker for Small Vessel Disease Based on Skeletonization of White Matter Tracts and Diffusion Histograms. <i>Annals of Neurology</i> , 2016, 80, 581-592.	5.3	250
3	White Matter Integrity in the Brains of Professional Soccer Players Without a Symptomatic Concussion. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 1859.	7.4	205
4	Autoantibodies to MOG in a distinct subgroup of adult multiple sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016, 3, e257.	6.0	178
5	Agenesis and dysgenesis of the corpus callosum: Clinical, genetic and neuroimaging findings in a series of 41 patients. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 2501-2511.	1.2	148
6	Serum neurofilament light. <i>Neurology</i> , 2018, 91, e1338-e1347.	1.1	137
7	Altered Neurochemistry in Former Professional Soccer Players without a History of Concussion. <i>Journal of Neurotrauma</i> , 2015, 32, 1287-1293.	3.4	131
8	Cortical thinning in former professional soccer players. <i>Brain Imaging and Behavior</i> , 2016, 10, 792-798.	2.1	115
9	Prefrontal Transcranial Direct Current Stimulation for Treatment of Schizophrenia With Predominant Negative Symptoms: A Double-Blind, Sham-Controlled Proof-of-Concept Study. <i>Schizophrenia Bulletin</i> , 2016, 42, 1253-1261.	4.3	110
10	Subclinical Disease Burden as Assessed by Whole-Body MRI in Subjects With Prediabetes, Subjects With Diabetes, and Normal Control Subjects From the General Population: The KORA-MRI Study. <i>Diabetes</i> , 2017, 66, 158-169.	0.6	102
11	Muscle biopsy substantiates long-term MRI alterations one year after a single dose of botulinum toxin injected into the lateral gastrocnemius muscle of healthy volunteers. <i>Movement Disorders</i> , 2009, 24, 1494-1503.	3.9	100
12	Endolymphatic hydrops in patients with vestibular migraine and auditory symptoms. <i>European Archives of Oto-Rhino-Laryngology</i> , 2014, 271, 2661-2667.	1.6	100
13	Fetal magnetic resonance imaging: indications, technique, anatomical considerations and a review of fetal abnormalities. <i>European Radiology</i> , 2002, 12, 1931-1940.	4.5	97
14	Radiomic Analysis Reveals Prognostic Information in T1-Weighted Baseline Magnetic Resonance Imaging in Patients With Glioblastoma. <i>Investigative Radiology</i> , 2017, 52, 360-366.	6.2	96
15	In Vivo Visualized Endolymphatic Hydrops and Inner Ear Functions in Patients With Electrocochleographically Confirmed Ménière's Disease. <i>Otology and Neurotology</i> , 2012, 33, 1040-1045.	1.3	94
16	CTLA4 as Immunological Checkpoint in the Development of Multiple Sclerosis. <i>Annals of Neurology</i> , 2016, 80, 294-300.	5.3	94
17	Quantification of Perfusion and Permeability in Multiple Sclerosis. <i>Investigative Radiology</i> , 2012, 47, 252-258.	6.2	86
18	Loss of tubulin deglutamylase (CCP1) causes infantile-onset neurodegeneration. <i>EMBO Journal</i> , 2018, 37, .	7.8	86

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19	Magnetic Resonance Imaging Measures of Posterior Cranial Fossa Morphology and Cerebrospinal Fluid Physiology in Chiari Malformation Type I. <i>Neurosurgery</i> , 2014, 75, 515-522.	1.1	82
20	Early adaptive immune activation detected in monozygotic twins with prodromal multiple sclerosis. <i>Journal of Clinical Investigation</i> , 2019, 129, 4758-4768.	8.2	81
21	Herniation of the Membranous Labyrinth Into the Horizontal Semicircular Canal Is Correlated With Impaired Caloric Response in Ménière's Disease. <i>Otology and Neurotology</i> , 2012, 33, 1375-1379.	1.3	79
22	Safety and efficacy of epigallocatechin gallate in multiple system atrophy (PROMESA): a randomised, double-blind, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2019, 18, 724-735.	10.2	79
23	Association of Vitamin B ₁₂ , Folate, and Sulfur Amino Acids With Brain Magnetic Resonance Imaging Measures in Older Adults. <i>JAMA Psychiatry</i> , 2016, 73, 606.	11.0	78
24	Modulation of Craving Related Brain Responses Using Real-Time fMRI in Patients with Alcohol Use Disorder. <i>PLoS ONE</i> , 2015, 10, e0133034.	2.5	74
25	Ocular vestibular evoked myogenic potential frequency tuning in certain Meniere's disease. <i>Hearing Research</i> , 2014, 310, 54-59.	2.0	71
26	Mirror movements in healthy humans across the lifespan: effects of development and ageing. <i>Developmental Medicine and Child Neurology</i> , 2010, 52, 1106-1112.	2.1	69
27	Mutations in INPP5K, Encoding a Phosphoinositide 5-Phosphatase, Cause Congenital Muscular Dystrophy with Cataracts and Mild Cognitive Impairment. <i>American Journal of Human Genetics</i> , 2017, 100, 523-536.	6.2	67
28	Relative Value of MR Imaging as Compared with CT in the Diagnosis of Inflammatory Paranasal Sinus Disease. <i>Radiology</i> , 1999, 210, 171-176.	7.3	64
29	Cost-Effectiveness of Endovascular Stroke Therapy. <i>Stroke</i> , 2016, 47, 2797-2804.	2.0	64
30	Effects of endurance training on brain structures in chronic schizophrenia patients and healthy controls. <i>Schizophrenia Research</i> , 2016, 173, 182-191.	2.0	64
31	Left Frontal Hub Connectivity during Memory Performance Supports Reserve in Aging and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1381-1392.	2.6	61
32	Resting-state fMRI detects alterations in whole brain connectivity related to tumor biology in glioma patients. <i>Neuro-Oncology</i> , 2020, 22, 1388-1398.	1.2	60
33	Primary versus Secondary Headache in Children: A Frequent Diagnostic Challenge in Clinical Routine. <i>Neuropediatrics</i> , 2013, 44, 034-039.	0.6	49
34	Prevalence of cortical superficial siderosis in patients with cognitive impairment. <i>Journal of Neurology</i> , 2014, 261, 277-282.	3.6	49
35	Crossed cerebellar diaschisis in patients with acute middle cerebral artery infarction: Occurrence and perfusion characteristics. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 743-754.	4.3	49
36	Tract-specific white matter hyperintensities disrupt neural network function in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 225-235.	0.8	49

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37	Variable functional connectivity architecture of the preterm human brain: Impact of developmental cortical expansion and maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1201-1206.	7.1	49
38	Determination of cranioâ€spinal canal compliance distribution by MRI: Methodology and early application in idiopathic intracranial hypertension. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 1397-1404.	3.4	48
39	Combined intracavitary and interstitial brachytherapy of cervical cancer using the novel hybrid applicator Venezia: Clinical feasibility and initial results. <i>Brachytherapy</i> , 2018, 17, 775-781.	0.5	48
40	50 years to diagnosis: Autosomal dominant tubular aggregate myopathy caused by a novel STIM1 mutation. <i>Neuromuscular Disorders</i> , 2015, 25, 577-584.	0.6	47
41	The left frontal cortex supports reserve in aging by enhancing functional network efficiency. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 28.	6.2	47
42	Expanding spectrum of neurologic manifestations in patients with <i>NLRP3</i> low-penetrance mutations. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2015, 2, e109.	6.0	45
43	Anisotropy of transcallosal motor fibres indicates functional impairment in children with periventricular leukomalacia. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 179-186.	2.1	43
44	Imaging transcranial direct current stimulation (tDCS) of the prefrontal cortexâ€correlation or causality in stimulation-mediated effects?. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 69, 333-356.	6.1	43
45	Feasibility of a three-step magnetic resonance imaging approach for the assessment of hepatic steatosis in an asymptomatic study population. <i>European Radiology</i> , 2016, 26, 1895-1904.	4.5	43
46	Endolymphatic hydrops in the horizontal semicircular canal: A morphologic correlate for canal paresis in MÃ©niÃ©re's disease. <i>Laryngoscope</i> , 2013, 123, 503-506.	2.0	42
47	Predictive Value of the Velocity of Collateral Filling in Patients with Acute Ischemic Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 206-212.	4.3	41
48	Gadobutrol in Renally Impaired Patients. <i>Investigative Radiology</i> , 2017, 52, 55-60.	6.2	41
49	Cost-effectiveness of Endovascular Therapy for Acute Ischemic Stroke: A Systematic Review of the Impact of Patient Age. <i>Radiology</i> , 2018, 288, 518-526.	7.3	41
50	Test-retest reliability of prefrontal transcranial Direct Current Stimulation (tDCS) effects on functional MRI connectivity in healthy subjects. <i>NeuroImage</i> , 2017, 155, 187-201.	4.2	39
51	A novel 1p31.3p32.2 deletion involving the NFIA gene detected by array CGH in a patient with macrocephaly and hypoplasia of the corpus callosum. <i>European Journal of Pediatrics</i> , 2010, 169, 463-468.	2.7	38
52	AHA classification of coronary and carotid atherosclerotic plaques by grating-based phase-contrast computed tomography. <i>European Radiology</i> , 2016, 26, 3223-3233.	4.5	38
53	Advantages of Extended Brain Perfusion Computed Tomography. <i>Investigative Radiology</i> , 2010, 45, 363-369.	6.2	37
54	Prefrontal transcranial direct current stimulation (tDCS) changes negative symptoms and functional connectivity MRI (fcMRI) in a single case of treatment-resistant schizophrenia. <i>Schizophrenia Research</i> , 2013, 150, 583-585.	2.0	37

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55	Value of Routine Plain X-Ray Position Checks after Cochlear Implantation. <i>Otology and Neurotology</i> , 2013, 34, 1666-1669.	1.3	37
56	Anisotropy of Callosal Motor Fibers in Combination With Transcranial Magnetic Stimulation in the Course of Motor Development. <i>Investigative Radiology</i> , 2009, 44, 279-284.	6.2	36
57	Longitudinal Assessment of Endolymphatic Hydrops With Contrast-Enhanced Magnetic Resonance Imaging of the Labyrinth. <i>Otology and Neurotology</i> , 2014, 35, 880-883.	1.3	36
58	MR imaging differentiation of Fe ²⁺ and Fe ³⁺ based on relaxation and magnetic susceptibility properties. <i>Neuroradiology</i> , 2017, 59, 403-409.	2.2	36
59	Immune signatures of prodromal multiple sclerosis in monozygotic twins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21546-21556.	7.1	36
60	Opposing Effects of CREBBP Mutations Govern the Phenotype of Rubinstein-Taybi Syndrome and Adult SHH Medulloblastoma. <i>Developmental Cell</i> , 2018, 44, 709-724.e6.	7.0	35
61	Small vessel disease more than Alzheimer's disease determines diffusion MRI alterations in memory clinic patients. <i>Alzheimer's and Dementia</i> , 2020, 16, 1504-1514.	0.8	35
62	MRI Evidence for Altered Venous Drainage and Intracranial Compliance in Mild Traumatic Brain Injury. <i>PLoS ONE</i> , 2013, 8, e55447.	2.5	35
63	Hyperdense basilar artery sign—a reliable sign of basilar artery occlusion. <i>Neuroradiology</i> , 2012, 54, 321-327.	2.2	34
64	Magnetic Resonance-Based Estimation of Intracranial Pressure Correlates With Ventriculoperitoneal Shunt Valve Opening Pressure Setting in Children With Hydrocephalus. <i>Investigative Radiology</i> , 2013, 48, 543-547.	6.2	33
65	Crossed cerebellar diaschisis in acute ischemic stroke: Impact on morphologic and functional outcome. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3615-3624.	4.3	32
66	Implications of the putamen in pain and motor deficits in complex regional pain syndrome. <i>Pain</i> , 2020, 161, 595-608.	4.2	32
67	Depiction of pneumothoraces in a large animal model using x-ray dark-field radiography. <i>Scientific Reports</i> , 2018, 8, 2602.	3.3	31
68	Contrast enhancement is a prognostic factor in IDH1/2 mutant, but not in wild-type WHO grade II/III glioma as confirmed by machine learning. <i>European Journal of Cancer</i> , 2019, 107, 15-27.	2.8	30
69	Prevalence of Amyloid Positron Emission Tomographic Positivity in Poststroke Mild Cognitive Impairment. <i>Stroke</i> , 2016, 47, 2645-2648.	2.0	29
70	Birt-Hogg-Dubé syndrome: an underdiagnosed genetic tumor syndrome. <i>JDDG - Journal of the German Society of Dermatology</i> , 2018, 16, 278-283.	0.8	29
71	Multiple sclerosis-like lesions and type I interferon signature in a patient with RVCL. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2015, 2, e55.	6.0	27
72	Imaging-Based Features of Headaches in Chiari Malformation Type I. <i>Neurosurgery</i> , 2015, 77, 96-103.	1.1	26

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73	Early Imaging Prediction of Malignant Cerebellar Edema Development in Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 2597-2600.	2.0	25
74	Gomez-Lopez-Hernandez syndrome (cerebello-trigeminal-dermal dysplasia): description of an additional case and review of the literature. <i>European Journal of Pediatrics</i> , 2008, 167, 123-126.	2.7	23
75	Altered Cerebrovenous Drainage in Patients With Migraine as Assessed by Phase-Contrast Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2011, 46, 434-440.	6.2	23
76	Influence of the compliance of the neck arteries and veins on the measurement of intracranial volume change by phase-contrast MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 878-883.	3.4	22
77	Muscle Atrophy Beyond the Clinical Effect After a Single Dose of OnabotulinumtoxinA Injected in the Procerus Muscle: A Study with Magnetic Resonance Imaging. <i>Dermatologic Surgery</i> , 2013, 39, 761-765.	0.8	22
78	MR pelvimetry: prognosis for successful vaginal delivery in patients with suspected fetopelvic disproportion or breech presentation at term. <i>Archives of Gynecology and Obstetrics</i> , 2017, 295, 351-359.	1.7	22
79	Altered relaxation times in MRI indicate bronchopulmonary dysplasia. <i>Thorax</i> , 2020, 75, 184-187.	5.6	22
80	Real-Time fMRI Neurofeedback in Patients With Tobacco Use Disorder During Smoking Cessation: Functional Differences and Implications of the First Training Session in Regard to Future Abstinence or Relapse. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 65.	2.0	21
81	Effect of aerobic exercise combined with cognitive remediation on cortical thickness and prediction of social adaptation in patients with schizophrenia. <i>Schizophrenia Research</i> , 2020, 216, 397-407.	2.0	21
82	The effect of radio-adaptive doses on HT29 and GM637 cells. <i>Radiation Oncology</i> , 2008, 3, 12.	2.7	19
83	Detection of single-phase CTA occult vessel occlusions in acute ischemic stroke using CT perfusion-based wavelet-transformed angiography. <i>European Radiology</i> , 2017, 27, 2657-2664.	4.5	19
84	Pediatric idiopathic intracranial hypertension – Is the fixed threshold value of elevated LP opening pressure set too high?. <i>European Journal of Paediatric Neurology</i> , 2017, 21, 833-841.	1.6	18
85	Testing assumptions on prefrontal transcranial direct current stimulation: Comparison of electrode montages using multimodal fMRI. <i>Brain Stimulation</i> , 2018, 11, 998-1007.	1.6	18
86	Analyzing the co-localization of substantia nigra hyper-echogenicities and iron accumulation in Parkinson's disease: A multi-modal atlas study with transcranial ultrasound and MRI. <i>NeuroImage: Clinical</i> , 2020, 26, 102185.	2.7	18
87	Mathematical abilities in dyslexic children: a diffusion tensor imaging study. <i>Brain Imaging and Behavior</i> , 2016, 10, 781-791.	2.1	17
88	Dynamic Contrast-Enhanced Magnetic Resonance Imaging Suggests Normal Perfusion in Normal-Appearing White Matter in Multiple Sclerosis. <i>Investigative Radiology</i> , 2017, 52, 135-141.	6.2	17
89	Multimodal MRI analysis of basal forebrain structure and function across the Alzheimer's disease spectrum. <i>NeuroImage: Clinical</i> , 2020, 28, 102495.	2.7	17
90	Effects of bifrontal transcranial direct current stimulation on brain glutamate levels and resting state connectivity: multimodal MRI data for the cathodal stimulation site. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 111-122.	3.2	17

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91	Multiple Sclerosis. <i>Investigative Radiology</i> , 2018, 53, 13-19.	6.2	17
92	Feasibility of Photofrin II as a Radiosensitizing Agent in Solid Tumors – Preliminary Results. <i>Oncology Research and Treatment</i> , 2006, 29, 514-519.	1.2	16
93	Pedaudiologic findings after severe neonatal hyperbilirubinemia. <i>European Archives of Oto-Rhino-Laryngology</i> , 2009, 266, 207-212.	1.6	16
94	Gas exchange mechanisms in preterm infants on HFOV – a computational approach. <i>Scientific Reports</i> , 2018, 8, 13008.	3.3	16
95	Hepatic fat is superior to BMI, visceral and pancreatic fat as a potential risk biomarker for neurodegenerative disease. <i>European Radiology</i> , 2019, 29, 6662-6670.	4.5	16
96	Rare diagnosis of telethoninopathy (LGMD2G) in a Turkish patient. <i>Neuromuscular Disorders</i> , 2017, 27, 856-860.	0.6	15
97	Multicenter Tract-Based Analysis of Microstructural Lesions within the Alzheimer’s Disease Spectrum: Association with Amyloid Pathology and Diagnostic Usefulness. <i>Journal of Alzheimer’s Disease</i> , 2019, 72, 455-465.	2.6	15
98	Association between composite scores of domain-specific cognitive functions and regional patterns of atrophy and functional connectivity in the Alzheimer’s disease spectrum. <i>NeuroImage: Clinical</i> , 2021, 29, 102533.	2.7	15
99	Abnormal Regional and Global Connectivity Measures in Subjective Cognitive Decline Depending on Cerebral Amyloid Status. <i>Journal of Alzheimer’s Disease</i> , 2021, 79, 493-509.	2.6	14
100	Cranial CT with 64-, 16-, 4- and single-slice CT systems – comparison of image quality and posterior fossa artifacts in routine brain imaging with standard protocols. <i>European Radiology</i> , 2008, 18, 1720-1726.	4.5	13
101	Inter- and intra-rater reliability of blood and cerebrospinal fluid flow quantification by phase-contrast MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 655-662.	3.4	13
102	The transcriptional coactivator and histone acetyltransferase CBP regulates neural precursor cell development and migration. <i>Acta Neuropathologica Communications</i> , 2019, 7, 199.	5.2	13
103	Maternally inherited heterozygous sequence change in the sonic hedgehog gene in a male patient with bilateral closed-clip schizencephaly and partial absence of the corpus callosum. <i>American Journal of Medical Genetics, Part A</i> , 2009, 149A, 1592-1594.	1.2	12
104	How doctors think – and treat with botulinum toxin. <i>Developmental Medicine and Child Neurology</i> , 2010, 52, 875-876.	2.1	11
105	High-resolution computed tomography-based length assessments of the cochlea – an accuracy evaluation. <i>Acta Oto-Laryngologica</i> , 2014, 134, 1011-1015.	0.9	11
106	Morphometric evaluation of facial and vestibulocochlear nerves using magnetic resonance imaging: comparison of MeniÃre’s disease ears with normal hearing ears. <i>European Archives of Oto-Rhino-Laryngology</i> , 2017, 274, 3029-3039.	1.6	11
107	Investigation of potential adverse central nervous system effects after long term oral administration of gadolinium in mice. <i>PLoS ONE</i> , 2020, 15, e0231495.	2.5	11
108	Consensus on technical procedures in radiology to include in simulation-based training for residents: a European-wide needs assessment. <i>European Radiology</i> , 2021, 31, 171-180.	4.5	11

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109	Non-specific alterations of craniocervical venous drainage in multiple sclerosis revealed by cardiac-gated phase-contrast MRI. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1000-1007.	3.0	10
110	MRI evidence for preserved regulation of intracranial pressure in patients with cerebral arteriovenous malformations. <i>European Journal of Radiology</i> , 2014, 83, 1442-1447.	2.6	10
111	Color-Coded Cerebral Computed Tomographic Angiography. <i>Investigative Radiology</i> , 2015, 50, 361-365.	6.2	10
112	Association of smoking and physical inactivity with MRI derived changes in cardiac function and structure in cardiovascular healthy subjects. <i>Scientific Reports</i> , 2019, 9, 18616.	3.3	9
113	Association of outcomes in acute flaccid myelitis with identification of enterovirus at presentation: a Canadian, nationwide, longitudinal study. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 828-836.	5.6	9
114	The role of diffusion-weighted MRI in assessment of inflammatory bowel disease. <i>Abdominal Radiology</i> , 2016, 41, 1484-1494.	2.1	8
115	Treatment of cervix carcinoma FIGO IIIb with Photofrin II as a radiosensitizer: a case report. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1275-1279.	2.9	8
116	Increased cerebral microbleeds and cortical superficial siderosis in pediatric patients with Down syndrome. <i>European Journal of Paediatric Neurology</i> , 2019, 23, 158-164.	1.6	8
117	Expanding the phenotype of alopeciaâ€“contracturesâ€“dwarfism mental retardation syndrome (ACD) Tj ETQq1 1 0.784314 rgBT /Over <i>Pediatrics</i> , 2008, 167, 1057-1062.	2.7	7
118	Validation of a method to differentiate arterial and venous vessels in CT perfusion data using linear combinations of quantitative time-density curve characteristics. <i>European Radiology</i> , 2015, 25, 2937-2944.	4.5	7
119	Prediction of Stent-Retriever Thrombectomy Outcomes by Dynamic Multidetector CT Angiography in Patients with Acute Carotid T or MCA Occlusions. <i>American Journal of Neuroradiology</i> , 2016, 37, 1296-1302.	2.4	7
120	Use of diffusion-weighted MRI to modify radiosurgery planning in brain metastases may reduce local recurrence. <i>Journal of Neuro-Oncology</i> , 2017, 131, 549-554.	2.9	7
121	Effect of stroke thrombolysis predicted by distal vessel occlusion detection. <i>Neurology</i> , 2018, 90, e1742-e1750.	1.1	7
122	Alcohol consumption, but not smoking is associated with higher MR-derived liver fat in an asymptomatic study population. <i>PLoS ONE</i> , 2018, 13, e0192448.	2.5	7
123	T1-MPRAGE and T2-FLAIR segmentation of cortical and subcortical brain regionsâ€“an MRI evaluation study. <i>Neuroradiology</i> , 2019, 61, 129-136.	2.2	7
124	Microsurgical outlet restoration in isolated fourth ventricular hydrocephalus: a single-institutional experience. <i>Child's Nervous System</i> , 2012, 28, 2101-2107.	1.1	6
125	Prevalence of labyrinthine ossification in CT and MR imaging of patients with acute deafness to severe sensorineural hearing loss. <i>International Journal of Audiology</i> , 2013, 52, 495-499.	1.7	6
126	Imaging microglial activation in tacrolimus-associated CNS vasculitis with translocator protein PET. <i>Neurology</i> , 2018, 91, 936-937.	1.1	6

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127	Bayesian pharmacokinetic modeling of dynamic contrast-enhanced magnetic resonance imaging: validation and application. <i>Physics in Medicine and Biology</i> , 2019, 64, 18NT02.	3.0	6
128	The impact of endurance training and table soccer on brain metabolites in schizophrenia. <i>Brain Imaging and Behavior</i> , 2020, 14, 515-526.	2.1	6
129	The role of radical derivatives of high reactivity in the radiosensitizing action of Photofrin II. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006, 10, 1398-1402.	0.8	5
130	Different Imaging Strategies in Patients With Possible Basilar Artery Occlusion. <i>Stroke</i> , 2015, 46, 1840-1849.	2.0	5
131	Wavelet-Based Angiographic Reconstruction of Computed Tomography Perfusion Data. <i>Investigative Radiology</i> , 2017, 52, 302-309.	6.2	5
132	Epilepsy surgery in the first months of life: a large type IIb focal cortical dysplasia causing neonatal drug-resistant epilepsy. <i>Epileptic Disorders</i> , 2019, 21, 122-127.	1.3	5
133	Inadvertent Intra-Arterial Contrast Agent Injection Mimicking Bilateral Occlusion of the Internal Carotid Arteries in a Patient With Suspected Stroke on Maximum-Slope, Nondeconvolution Perfusion Computed Tomography. <i>Stroke</i> , 2009, 40, e46-9.	2.0	4
134	Miliary pattern of brain metastases – a case report of a hyperacute onset in a patient with malignant melanoma documented by magnetic resonance imaging. <i>Radiation Oncology</i> , 2015, 10, 148.	2.7	4
135	In Vivo Morphometric Analysis of Human Cranial Nerves Using Magnetic Resonance Imaging in Men's Disease Ears and Normal Hearing Ears. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	4
136	CT and MRI Findings in Cerebral Aspergilloma. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, 967-970.	1.3	4
137	Correspondence Between Resting-State and Episodic Memory-Task Related Networks in Elderly Subjects. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 362.	3.4	4
138	Acute Flaccid Myelitis in a 10-Year-Old Girl. <i>Radiology</i> , 2019, 290, 31-31.	7.3	4
139	MR Pelvimetry for Breech Presentation at Term – Interobserver Reliability, Incidental Findings and Reference Values. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2019, 191, 424-432.	1.3	4
140	Machine-learning based exploration of determinants of gray matter volume in the KORA-MRI study. <i>Scientific Reports</i> , 2020, 10, 8363.	3.3	3
141	Incidental findings in whole-body MR imaging of a population-based cohort study: Frequency, management and psychosocial consequences. <i>European Journal of Radiology</i> , 2021, 134, 109451.	2.6	3
142	Static magnetic field exposure in 1.5 and 3 Tesla MR scanners does not influence pain and touch perception in healthy volunteers. <i>European Journal of Pain</i> , 2019, 23, 250-259.	2.8	2
143	Effect of aerobic exercise on cortical thickness in patients with schizophrenia – A dataset. <i>Data in Brief</i> , 2020, 30, 105517.	1.0	2
144	The influence of oxygen on the radiosensitizing activity of Photofrin II and hypericin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007, 11, 736-741.	0.8	1

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145	Classification of arterial and venous cerebral vasculature based on wavelet postprocessing of CT perfusion data. <i>Medical Physics</i> , 2016, 43, 702-709.	3.0	1
146	Bringing prevost's sign into the third dimension: Artificial intelligence estimation of conjugate gaze adjusted length (CGAL) and correlation with acute ischemic stroke. <i>Medicine (United States)</i> , 2020, 99, e23330.	1.0	1
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