

Sven Haller

List of Publications by Year in descending order

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Version: 2024-02-01

189
papers

7,974
citations

76294

40
h-index

60583

81
g-index

197
all docs

197
docs citations

197
times ranked

11135
citing authors

#	ARTICLE	IF	CITATIONS
1	Closed-loop brain training: the science of neurofeedback. Nature Reviews Neuroscience, 2017, 18, 86-100.	4.9	814
2	New ischaemic brain lesions on MRI after stenting or endarterectomy for symptomatic carotid stenosis: a substudy of the International Carotid Stenting Study (ICSS). Lancet Neurology, The, 2010, 9, 353-362.	4.9	509
3	Real-time fMRI neurofeedback: Progress and challenges. NeuroImage, 2013, 76, 386-399.	2.1	398
4	Arterial Spin Labeling Perfusion of the Brain: Emerging Clinical Applications. Radiology, 2016, 281, 337-356.	3.6	360
5	Resting-State Functional MR Imaging: A New Window to the Brain. Radiology, 2014, 272, 29-49.	3.6	301
6	Regional Gray Matter Volume Abnormalities in the At Risk Mental State. Biological Psychiatry, 2007, 61, 1148-1156.	0.7	295
7	Cerebral Microbleeds: Imaging and Clinical Significance. Radiology, 2018, 287, 11-28.	3.6	208
8	Meta-analysis of real-time fMRI neurofeedback studies using individual participant data: How is brain regulation mediated?. NeuroImage, 2016, 124, 806-812.	2.1	204
9	Imaging of Neurovascular Compression Syndromes: Trigeminal Neuralgia, Hemifacial Spasm, Vestibular Paroxysmia, and Glossopharyngeal Neuralgia. American Journal of Neuroradiology, 2016, 37, 1384-1392.	1.2	182
10	On sex/gender related similarities and differences in fMRI language research. Brain Research Reviews, 2009, 61, 49-59.	9.1	169
11	The impact of gut hormones on the neural circuit of appetite and satiety: A systematic review. Neuroscience and Biobehavioral Reviews, 2017, 80, 457-475.	2.9	166
12	Real-time fMRI feedback training may improve chronic tinnitus. European Radiology, 2010, 20, 696-703.	2.3	159
13	Pitfalls in fMRI. European Radiology, 2009, 19, 2689-2706.	2.3	118
14	Arterial Spin Labeling May Contribute to the Prediction of Cognitive Deterioration in Healthy Elderly Individuals. Radiology, 2015, 274, 490-499.	3.6	118
15	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.	1.2	111
16	Black holes in multiple sclerosis: definition, evolution, and clinical correlations. Acta Neurologica Scandinavica, 2010, 122, 1-8.	1.0	110
17	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.	1.4	105
18	Topographical Information-Based High-Order Functional Connectivity and Its Application in Abnormality Detection for Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2016, 54, 1095-1112.	1.2	103

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19	Individual Detection of Patients with Parkinson Disease using Support Vector Machine Analysis of Diffusion Tensor Imaging Data: Initial Results. <i>American Journal of Neuroradiology</i> , 2012, 33, 2123-2128.	1.2	99
20	Overt sentence production in event-related fMRI. <i>Neuropsychologia</i> , 2005, 43, 807-814.	0.7	97
21	Susceptibility-weighted Imaging: Technical Essentials and Clinical Neurologic Applications. <i>Radiology</i> , 2021, 299, 3-26.	3.6	92
22	Longitudinal analysis of cognitive performances and structural brain changes in late-life bipolar disorder. <i>International Journal of Geriatric Psychiatry</i> , 2011, 26, 1309-1318.	1.3	86
23	Altered cerebrovascular reactivity velocity in mild cognitive impairment and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 33-41.	1.5	84
24	Dynamic reconfiguration of human brain functional networks through neurofeedback. <i>NeuroImage</i> , 2013, 81, 243-252.	2.1	79
25	Do brain T2/FLAIR white matter hyperintensities correspond to myelin loss in normal aging? A radiologic-neuropathologic correlation study. <i>Acta Neuropathologica Communications</i> , 2013, 1, 14.	2.4	78
26	Differentiation between Parkinson disease and other forms of Parkinsonism using support vector machine analysis of susceptibility-weighted imaging (SWI): initial results. <i>European Radiology</i> , 2013, 23, 12-19.	2.3	76
27	The age of second language acquisition determines the variability in activation elicited by narration in three languages in Broca's and Wernicke's area. <i>Neuropsychologia</i> , 2009, 47, 625-633.	0.7	73
28	Cerebral Microhemorrhage and Iron Deposition in Mild Cognitive Impairment: Susceptibility-weighted MR Imaging Assessment. <i>Radiology</i> , 2010, 257, 764-773.	3.6	73
29	State-of-the-art MRI techniques in neuroradiology: principles, pitfalls, and clinical applications. <i>Neuroradiology</i> , 2015, 57, 441-467.	1.1	69
30	Meta-analysis of regional white matter volume in bipolar disorder with replication in an independent sample using coordinates, T-maps, and individual MRI data. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 84, 162-170.	2.9	68
31	Can Cortical Thickness Asymmetry Analysis Contribute to Detection of At-Risk Mental State and First-Episode Psychosis?: A Pilot Study. <i>Radiology</i> , 2009, 250, 212-221.	3.6	64
32	Continuous vs. intermittent neurofeedback to regulate auditory cortex activity of tinnitus patients using real-time fMRI - A pilot study. <i>NeuroImage: Clinical</i> , 2017, 14, 97-104.	1.4	62
33	Functional MRI, DTI and neurophysiology in horizontal gaze palsy with progressive scoliosis. <i>Neuroradiology</i> , 2008, 50, 453-459.	1.1	61
34	Hippocampal and Amygdala Gray Matter Loss in Elderly Controls with Subtle Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 50.	1.7	56
35	Prediction of long-term memory scores in MCI based on resting-state fMRI. <i>NeuroImage: Clinical</i> , 2016, 12, 785-795.	1.4	53
36	MRI of the Swallow Tail Sign: A Useful Marker in the Diagnosis of Lewy Body Dementia?. <i>American Journal of Neuroradiology</i> , 2017, 38, 1737-1741.	1.2	50

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37	Radiological findings in individuals at high risk of psychosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006, 77, 229-233.	0.9	47
38	Secondary prevention of Alzheimer's dementia: neuroimaging contributions. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 112.	3.0	46
39	Individual Classification of Mild Cognitive Impairment Subtypes by Support Vector Machine Analysis of White Matter DTI. <i>American Journal of Neuroradiology</i> , 2013, 34, 283-291.	1.2	45
40	Application of the ATN classification scheme in a population without dementia: Findings from the EPAD cohort. <i>Alzheimer's and Dementia</i> , 2021, 17, 1189-1204.	0.4	44
41	Magnetic resonance imaging determinants of intraindividual variability in the elderly: combined analysis of grey and white matter. <i>Neuroscience</i> , 2011, 186, 88-93.	1.1	42
42	Acute caffeine administration impact on working memory-related brain activation and functional connectivity in the elderly: A BOLD and perfusion MRI study. <i>Neuroscience</i> , 2013, 250, 364-371.	1.1	42
43	Discriminating among degenerative parkinsonisms using advanced 123 I-ioflupane SPECT analyses. <i>NeuroImage: Clinical</i> , 2016, 12, 234-240.	1.4	41
44	Comparison of anterior cingulate vs. insular cortex as targets for real-time fMRI regulation during pain stimulation. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 350.	1.0	40
45	Time-resolved 3D contrast-enhanced MRA with GRAPPA on a 1.5-T system for imaging of craniocervical vascular disease: initial experience. <i>Neuroradiology</i> , 2006, 48, 291-299.	1.1	39
46	Risk attitude, beliefs, and information in a Corruption Game – An experimental analysis. <i>Journal of Economic Psychology</i> , 2013, 34, 46-60.	1.1	39
47	Multivariate Pattern Recognition for Diagnosis and Prognosis in Clinical Neuroimaging: State of the Art, Current Challenges and Future Trends. <i>Brain Topography</i> , 2014, 27, 329-337.	0.8	39
48	Imaging of acute stroke: CT and/or MRI. <i>Journal of Neuroradiology</i> , 2015, 42, 55-64.	0.6	38
49	Gaze pursuit, attention pursuit and their effects on cortical activations. <i>European Journal of Neuroscience</i> , 2007, 26, 2096-2108.	1.2	37
50	Supplementary motor area and anterior intraparietal area integrate fine-grained timing and force control during precision grip. <i>European Journal of Neuroscience</i> , 2009, 30, 2401-2406.	1.2	37
51	Trial design on prophylaxis and treatment of brain metastases: Lessons learned from the EORTC Brain Metastases Strategic Meeting 2012. <i>European Journal of Cancer</i> , 2012, 48, 3439-3447.	1.3	37
52	Arterial spin labeling-based Z-maps have high specificity and positive predictive value for neurodegenerative dementia compared to FDG-PET. <i>European Radiology</i> , 2017, 27, 4237-4246.	2.3	37
53	Reduced Cerebrovascular Reserve at CO2BOLD MR Imaging Is Associated with Increased Risk of Periprocedural Ischemic Lesions during Carotid Endarterectomy or Stent Placement: Preliminary Results. <i>Radiology</i> , 2008, 249, 251-258.	3.6	36
54	Impact of Coffee, Wine, and Chocolate Consumption on Cognitive Outcome and MRI Parameters in Old Age. <i>Nutrients</i> , 2018, 10, 1391.	1.7	36

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55	Principles of Classification Analyses in Mild Cognitive Impairment (MCI) and Alzheimer Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 389-394.	1.2	33
56	Active pain coping is associated with the response in real-time fMRI neurofeedback during pain. <i>Brain Imaging and Behavior</i> , 2017, 11, 712-721.	1.1	33
57	Shoulder Apprehension Impacts Large-Scale Functional Brain Networks. <i>American Journal of Neuroradiology</i> , 2014, 35, 691-697.	1.2	31
58	fMRI evidence for sensorimotor transformations in human cortex during smooth pursuit eye movements. <i>Neuropsychologia</i> , 2008, 46, 2203-2213.	0.7	30
59	Tau aggregation and increased neuroinflammation in athletes after sports-related concussions and in traumatic brain injury patients – A PET/MR study. <i>NeuroImage: Clinical</i> , 2021, 30, 102665.	1.4	29
60	What Is Different about a Radiologist's Brain?. <i>Radiology</i> , 2005, 236, 983-989.	3.6	28
61	Hereditary Systemic Angiopathy (HSA) with cerebral calcifications, retinopathy, progressive nephropathy, and hepatopathy. <i>Journal of Neurology</i> , 2008, 255, 77-88.	1.8	28
62	The effect of blur adaptation on accommodative response and pupil size during reading. <i>Journal of Vision</i> , 2010, 10, 1-1.	0.1	28
63	Recurrent multiple CNS hemangioblastomas with VHL disease treated with pazopanib: a case report and literature review. <i>CNS Oncology</i> , 2015, 4, 387-392.	1.2	28
64	Recovery of the default mode network after demanding neurofeedback training occurs in spatio-temporally segregated subnetworks. <i>NeuroImage</i> , 2012, 63, 1775-1781.	2.1	27
65	Neuroimaging of dementia in 2013: what radiologists need to know. <i>European Radiology</i> , 2013, 23, 3393-3404.	2.3	27
66	Can we predict real-time fMRI neurofeedback learning success from pretraining brain activity?. <i>Human Brain Mapping</i> , 2020, 41, 3839-3854.	1.9	27
67	MCI Identification by Joint Learning on Multiple MRI Data. <i>Lecture Notes in Computer Science</i> , 2015, 9350, 78-85.	1.0	27
68	Magnetic resonance imaging correlates of first-episode psychosis in young adult male patients: combined analysis of grey and white matter. <i>Journal of Psychiatry and Neuroscience</i> , 2012, 37, 305-312.	1.4	26
69	Acute Caffeine Administration Effect on Brain Activation Patterns in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 101-112.	1.2	25
70	Olfactory Impairment in Parkinson's Disease Studied with Diffusion Tensor and Magnetization Transfer Imaging. <i>Journal of Parkinson's Disease</i> , 2017, 7, 301-311.	1.5	25
71	APOE ϵ 4 Is Associated with Gray Matter Loss in the Posterior Cingulate Cortex in Healthy Elderly Controls Subsequently Developing Subtle Cognitive Decline. <i>American Journal of Neuroradiology</i> , 2017, 38, 1335-1342.	1.2	25
72	Decreased Fronto-Parietal and Increased Default Mode Network Activation is Associated with Subtle Cognitive Deficits in Elderly Controls. <i>NeuroSignals</i> , 2017, 25, 127-138.	0.5	25

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73	Resting-State Brain Activity for Early Prediction Outcome in Postanoxic Patients in a Coma with Indeterminate Clinical Prognosis. <i>American Journal of Neuroradiology</i> , 2020, 41, 1022-1030.	1.2	25
74	White Matter Changes in Bipolar Disorder, Alzheimer Disease, and Mild Cognitive Impairment: New Insights from DTI. <i>Journal of Aging Research</i> , 2011, 2011, 1-10.	0.4	24
75	Neural Correlate of Anterograde Amnesia in Wernicke's Korsakoff Syndrome. <i>Brain Topography</i> , 2015, 28, 760-770.	0.8	24
76	Radiologic-Histopathologic Correlation of Cerebral Microbleeds Using Pre-Mortem and Post-Mortem MRI. <i>PLoS ONE</i> , 2016, 11, e0167743.	1.1	24
77	A study of neural activity and functional connectivity within the olfactory brain network in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 23, 101946.	1.4	23
78	Different patterns of cerebral perfusion in SLE patients with and without neuropsychiatric manifestations. <i>Human Brain Mapping</i> , 2020, 41, 755-766.	1.9	23
79	Predictors of real-time fMRI neurofeedback performance and improvement – A machine learning mega-analysis. <i>NeuroImage</i> , 2021, 237, 118207.	2.1	22
80	Co-registration of intra-operative brain surface photographs and pre-operative MR images. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2014, 9, 387-400.	1.7	21
81	Head Motion Parameters in fMRI Differ Between Patients with Mild Cognitive Impairment and Alzheimer Disease Versus Elderly Control Subjects. <i>Brain Topography</i> , 2014, 27, 801-807.	0.8	21
82	Basic MR sequence parameters systematically bias automated brain volume estimation. <i>Neuroradiology</i> , 2016, 58, 1153-1160.	1.1	21
83	Brain Perfusion Measurements Using Multidelay Arterial Spin-Labeling Are Systematically Biased by the Number of Delays. <i>American Journal of Neuroradiology</i> , 2018, 39, 1432-1438.	1.2	21
84	Mapping continuous neuronal activation without an ON-OFF paradigm: initial results of BOLD ceiling fMRI. <i>European Journal of Neuroscience</i> , 2006, 24, 2672-2678.	1.2	20
85	Diffusion tensor imaging analysis with tract-based spatial statistics of the white matter abnormalities after epilepsy surgery. <i>Epilepsy Research</i> , 2011, 94, 189-197.	0.8	20
86	Neural Correlates of Clinical Scores in Patients with Anterior Shoulder Apprehension. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2612-2620.	0.2	20
87	Olfactory fMRI: Implications of Stimulation Length and Repetition Time. <i>Chemical Senses</i> , 2018, 43, 389-398.	1.1	20
88	Effect of fMRI acoustic noise on non-auditory working memory task: comparison between continuous and pulsed sound emitting EPI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2005, 18, 263-271.	1.1	19
89	Spatial and temporal analysis of fMRI data on word and sentence reading. <i>European Journal of Neuroscience</i> , 2007, 26, 2074-2084.	1.2	18
90	Neural activation associated with corrective saccades during tasks with fixation, pursuit and saccades. <i>Experimental Brain Research</i> , 2007, 184, 83-94.	0.7	18

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91	Vertebral artery dissection presenting with fifth cervical root (C5) radiculopathy. <i>Journal of Neurology</i> , 2007, 254, 672-673.	1.8	17
92	Optic Flow Stimuli in and Near the Visual Field Centre: A Group fMRI Study of Motion Sensitive Regions. <i>PLoS ONE</i> , 2008, 3, e4043.	1.1	17
93	Shoulder apprehension. <i>EFORT Open Reviews</i> , 2018, 3, 550-557.	1.8	17
94	Regional Cerebral Perfusion and Cerebrovascular Reactivity in Elderly Controls With Subtle Cognitive Deficits. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 19.	1.7	17
95	Combined Grey Matter VBM and White Matter TBSS Analysis in Young First Episode Psychosis Patients With and Without Cannabis Consumption. <i>Brain Topography</i> , 2013, 26, 641-647.	0.8	16
96	Brain activity in the right-frontal pole and lateral occipital cortex predicts successful post-operative outcome after surgery for anterior glenohumeral instability. <i>Scientific Reports</i> , 2017, 7, 498.	1.6	16
97	Extreme Mountain Ultra-Marathon Leads to Acute but Transient Increase in Cerebral Water Diffusivity and Plasma Biomarkers Levels Changes. <i>Frontiers in Physiology</i> , 2017, 7, 664.	1.3	16
98	MRI detection of cerebral microbleeds: size matters. <i>Neuroradiology</i> , 2019, 61, 1209-1213.	1.1	16
99	Gray Matter Densities in Limbic Areas and APOE4 Independently Predict Cognitive Decline in Normal Brain Aging. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 157.	1.7	16
100	Visual motion, eye motion, and relative motion: A parametric fMRI study of functional specializations of smooth pursuit eye movement network areas. <i>Journal of Vision</i> , 2010, 10, 21-21.	0.1	15
101	Cigarette smoking leads to persistent and dose-dependent alterations of brain activity and connectivity in anterior insula and anterior cingulate. <i>Addiction Biology</i> , 2015, 20, 1033-1041.	1.4	15
102	Clinicoradiologic Correlations of Cerebral Microbleeds in Advanced Age. <i>American Journal of Neuroradiology</i> , 2017, 38, 39-45.	1.2	15
103	Medical Image Retrieval Using Multi-graph Learning for MCI Diagnostic Assistance. <i>Lecture Notes in Computer Science</i> , 2015, 9350, 86-93.	1.0	15
104	Nicotinic receptor abnormalities as a biomarker in idiopathic generalized epilepsy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 385-395.	3.3	14
105	Brain MRI characteristics in neuromyelitis optica spectrum disorders: A large multi-center retrospective study in China. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 46, 102475.	0.9	13
106	FDG PET/MR Imaging in Major Neurocognitive Disorders. <i>Current Alzheimer Research</i> , 2017, 14, 186-197.	0.7	13
107	Resting state networks of the canine brain under sevoflurane anaesthesia. <i>PLoS ONE</i> , 2020, 15, e0231955.	1.1	12
108	Magnetic Resonance Imaging Techniques in White Matter Disease. <i>Topics in Magnetic Resonance Imaging</i> , 2009, 20, 301-312.	0.7	11

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109	Structural white matter and functional connectivity alterations in patients with shoulder apprehension. <i>Scientific Reports</i> , 2017, 7, 42327.	1.6	11
110	Less agreeable, better preserved? A PET amyloid and MRI study in a community-based cohort. <i>Neurobiology of Aging</i> , 2020, 89, 24-31.	1.5	11
111	Interaction of Vascular Damage and Alzheimer Dementia: Focal Damage and Disconnection. <i>Radiology</i> , 2017, 282, 311-313.	3.6	10
112	Caffeine impact on working memory-related network activation patterns in early stages of cognitive decline. <i>Neuroradiology</i> , 2017, 59, 387-395.	1.1	10
113	Distributed Patterns of Brain Activity Underlying Real-Time fMRI Neurofeedback Training. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 1228-1237.	2.5	10
114	Air bubble artifact reduction in post-mortem whole-brain MRI: the influence of receiver bandwidth. <i>Neuroradiology</i> , 2018, 60, 1089-1092.	1.1	10
115	Hippocampal Volume Loss, Brain Amyloid Accumulation, and APOE Status in Cognitively Intact Elderly Subjects. <i>Neurodegenerative Diseases</i> , 2019, 19, 139-147.	0.8	10
116	Microbleeds and Medial Temporal Atrophy Determine Cognitive Trajectories in Normal Aging: A Longitudinal PET-MRI Study. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1431-1442.	1.2	10
117	Stroke: High-Field Magnetic Resonance Imaging. <i>Neuroimaging Clinics of North America</i> , 2012, 22, 191-205.	0.5	9
118	Sex Effects on Smoking Cue Perception in Non-Smokers, Smokers, and Ex-Smokers: A Pilot Study. <i>Frontiers in Psychiatry</i> , 2016, 7, 187.	1.3	9
119	Inter-Network High-Order Functional Connectivity (IN-HOFC) and its Alteration in Patients with Mild Cognitive Impairment. <i>Neuroinformatics</i> , 2019, 17, 547-561.	1.5	9
120	Amyloid Load, Hippocampal Volume Loss, and Diffusion Tensor Imaging Changes in Early Phases of Brain Aging. <i>Frontiers in Neuroscience</i> , 2019, 13, 1228.	1.4	9
121	Determinants of mesial temporal lobe volume loss in older individuals with preserved cognition: a longitudinal PET amyloid study. <i>Neurobiology of Aging</i> , 2020, 87, 108-114.	1.5	9
122	A deep learning algorithm for white matter hyperintensity lesion detection and segmentation. <i>Neuroradiology</i> , 2022, 64, 727-734.	1.1	9
123	The Open-Access European Prevention of Alzheimer's Dementia (EPAD) MRI dataset and processing workflow. <i>NeuroImage: Clinical</i> , 2022, 35, 103106.	1.4	9
124	Malignancy and Stroke. <i>Seminars in Cerebrovascular Diseases and Stroke</i> , 2005, 5, 47-54.	0.1	8
125	Radiologic Patterns of Necrosis After Proton Therapy of Skull Base Tumors. <i>Canadian Journal of Neurological Sciences</i> , 2013, 40, 800-806.	0.3	8
126	Distinct spatiotemporal patterns for disease duration and stage in Parkinson's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 509-516.	3.3	8

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127	Susceptibility weighted imaging in dementia with Lewy bodies: will it resolve the blind spot of MRI?. <i>Neuroradiology</i> , 2016, 58, 217-218.	1.1	8
128	PET amyloid in normal aging: direct comparison of visual and automatic processing methods. <i>Scientific Reports</i> , 2020, 10, 16665.	1.6	8
129	Background MR gradient noise and non-auditory BOLD activations: A data-driven perspective. <i>Brain Research</i> , 2009, 1282, 74-83.	1.1	7
130	The R-AI-DIOLOGY checklist: a practical checklist for evaluation of artificial intelligence tools in clinical neuroradiology. <i>Neuroradiology</i> , 2022, 64, 851-864.	1.1	7
131	Parkes Weber Syndrome and Spinal Arteriovenous Malformations. <i>American Journal of Neuroradiology</i> , 2013, 34, E110-E112.	1.2	6
132	Minimal supportive treatment in natalizumab-related PML in a MS patient. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 354-355.	0.9	6
133	CO2BOLD assessment of moyamoya syndrome: Validation with single photon emission computed tomography and positron emission tomography imaging. <i>World Journal of Radiology</i> , 2016, 8, 887.	0.5	6
134	Higher availability of $\alpha 4\beta 2$ nicotinic receptors (nAChRs) in dorsal ACC is linked to more efficient interference control. <i>NeuroImage</i> , 2020, 214, 116729.	2.1	6
135	Magnetic Resonance Imaging in Multiple Sclerosis. <i>Topics in Magnetic Resonance Imaging</i> , 2009, 20, 313-323.	0.7	5
136	Heterozygous Chorein Deficiency in Probable Tau-negative Early-onset Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2016, 30, 272-275.	0.6	5
137	Differential effects of L-tryptophan and L-leucine administration on brain resting state functional networks and plasma hormone levels. <i>Scientific Reports</i> , 2016, 6, 35727.	1.6	5
138	The Concept of "Number Needed to Image". <i>American Journal of Neuroradiology</i> , 2017, 38, E79-E80.	1.2	5
139	Detecting Perfusion Pattern Based on the Background Low-Frequency Fluctuation in Resting-State Functional Magnetic Resonance Imaging Data and Its Influence on Resting-State Networks: An Iterative Postprocessing Approach. <i>Brain Connectivity</i> , 2017, 7, 627-634.	0.8	5
140	Personality Impact on Alzheimer's Disease "Signature and Vascular Imaging Markers: A PET-MRI Study. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 1807-1817.	1.2	5
141	Increased resting state connectivity in the anterior default mode network of idiopathic epileptic dogs. <i>Scientific Reports</i> , 2021, 11, 23854.	1.6	5
142	Diagnostic neuroradiology for the interventional neuroradiologist. <i>World Journal of Radiology</i> , 2013, 5, 386.	0.5	4
143	Neural underpinnings of background acoustic noise in normal aging and mild cognitive impairment. <i>Neuroscience</i> , 2015, 310, 410-421.	1.1	4
144	Influence of Vascular Variant of the Posterior Cerebral Artery (PCA) on Cerebral Blood Flow, Vascular Response to CO2 and Static Functional Connectivity. <i>PLoS ONE</i> , 2016, 11, e0161121.	1.1	4

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145	Heterozygous Deletion of Chorein Exons 70-73 and GNA14 Exons 3-7 in a Brazilian Patient Presenting With Probable Tau-Negative Early-Onset Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2017, 31, 82-85.	0.6	4
146	Personality Factors' Impact on the Structural Integrity of Mentalizing Network in Old Age: A Combined PET-MRI Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 552037.	1.3	4
147	Alzheimer resemblance atrophy index, BrainAGE, and normal pressure hydrocephalus score in the prediction of subtle cognitive decline: added value compared to existing MR imaging markers. <i>European Radiology</i> , 2022, 32, 7833-7842.	2.3	4
148	Magnetic Resonance Imaging of Vascular Diseases of the White Matter. <i>Topics in Magnetic Resonance Imaging</i> , 2009, 20, 343-348.	0.7	3
149	Diagnosing infection of the CNS with MRI. <i>Imaging in Medicine</i> , 2011, 3, 689-710.	0.0	3
150	Auditory cortex activation is modulated by somatosensation in a case of tactile tinnitus. <i>Neuroradiology</i> , 2014, 56, 511-514.	1.1	3
151	Decomposing dynamic functional connectivity onto phase-dependent eigenconnectivities using the Hilbert transform. , 2015, , .		3
152	Dynamic Contrast-Enhanced MR Perfusion of Intradural Spinal Lesions. <i>American Journal of Neuroradiology</i> , 2017, 38, 192-194.	1.2	3
153	Higher nicotinic receptor availability in the cingulo-insular network is associated with lower cardiac parasympathetic tone. <i>Journal of Comparative Neurology</i> , 2019, 527, 3014-3022.	0.9	3
154	Structural Correlates of Personality Dimensions in Healthy Aging and MCI. <i>Frontiers in Psychology</i> , 2018, 9, 2652.	1.1	3
155	MRI of nigrosome-1: A potential triage tool for patients with suspected parkinsonism. <i>Journal of Neuroimaging</i> , 2021, , .	1.0	3
156	Magnetic Resonance Imaging of Infections of the White Matter. <i>Topics in Magnetic Resonance Imaging</i> , 2009, 20, 325-331.	0.7	2
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