

Dorothee Saur

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

5,600
citations

159585

30
h-index

85541

71
g-index

91
all docs

91
docs citations

91
times ranked

5584
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-Dependent Contribution of Domain-General Networks to Semantic Cognition. <i>Cerebral Cortex</i> , 2022, 32, 870-890.	2.9	19
2	OUP accepted manuscript. <i>Brain</i> , 2022, , .	7.6	0
3	Resolution of diaschisis contributes to early recovery from post-stroke aphasia. <i>NeuroImage</i> , 2022, 251, 119001.	4.2	12
4	Multicenter 18F-PI-2620 PET for In Vivo Braak Staging of Tau Pathology in Alzheimer's Disease. <i>Biomolecules</i> , 2022, 12, 458.	4.0	9
5	Evaluation of the interrater and intermethod agreement of the German multiparametric ultrasound criteria for the grading of internal carotid artery stenosis. <i>Neuroradiology</i> , 2021, 63, 519-528.	2.2	3
6	Status of clinical research in neurology in Germany – A national survey. <i>European Journal of Neurology</i> , 2021, 28, 1446-1452.	3.3	2
7	Association of Lesion Location and Depressive Symptoms Poststroke. <i>Stroke</i> , 2021, 52, 830-837.	2.0	9
8	Binding characteristics of [¹⁸ F]PI-2620 distinguish the clinically predicted tau isoform in different tauopathies by PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2957-2972.	4.3	30
9	Feasibility of short imaging protocols for [18F]PI-2620 tau-PET in progressive supranuclear palsy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3872-3885.	6.4	22
10	Pathological laughter and crying: insights from lesion network-symptom-mapping. <i>Brain</i> , 2021, 144, 3264-3276.	7.6	17
11	Uncertainty-aware Visualization in Medical Imaging – A Survey. <i>Computer Graphics Forum</i> , 2021, 40, 665-689.	3.0	16
12	PET/MRI Delivers Multimodal Brain Signature in Alzheimer's Disease with De Novo PSEN1 Mutation. <i>Current Alzheimer Research</i> , 2021, 18, 178-184.	1.4	3
13	Visualizing Multimodal Deep Learning for Lesion Prediction. <i>IEEE Computer Graphics and Applications</i> , 2021, 41, 90-98.	1.2	12
14	Hippocampal gray matter volume in the long-term course after transient global amnesia. <i>NeuroImage: Clinical</i> , 2021, 30, 102586.	2.7	4
15	How to deal with Uncertainty in Machine Learning for Medical Imaging?. , 2021, , .		8
16	Multiparametric 3D Contrast-enhanced Ultrasound to Assess Internal Carotid Artery Stenosis: A Pilot Study. <i>Journal of Neuroimaging</i> , 2020, 30, 82-89.	2.0	5
17	Hippocampal diaschisis contributes to anosognosia for hemiplegia: Evidence from lesion network-symptom-mapping. <i>NeuroImage</i> , 2020, 208, 116485.	4.2	22
18	Long-term cognitive impairment after ICU treatment: a prospective longitudinal cohort study (Cog-I-CU). <i>Scientific Reports</i> , 2020, 10, 15518.	3.3	14

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19	Assessment of ¹⁸ F-Pi-2620 as a Biomarker in Progressive Supranuclear Palsy. JAMA Neurology, 2020, 77, 1408.	9.0	145
20	Early-phase [18F]Pi-2620 tau-PET imaging as a surrogate marker of neuronal injury. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2911-2922.	6.4	36
21	Dynamics of language reorganization after left temporo-parietal and frontal stroke. Brain, 2020, 143, 844-861.	7.6	102
22	Short-term modulation of the lesioned language network. ELife, 2020, 9, .	6.0	21
23	Neurophysiological examination combined with functional intraoperative navigation using TMS in patients with brain tumor near the central region—a pilot study. Acta Neurochirurgica, 2019, 161, 1853-1864.	1.7	4
24	When less is more: Structural correlates of core executive functions in young adults — A VBM and cortical thickness study. NeuroImage, 2019, 189, 896-903.	4.2	25
25	Neuroimaging of stroke recovery from aphasia — Insights into plasticity of the human language network. NeuroImage, 2019, 190, 14-31.	4.2	168
26	Resting-state functional connectivity: An emerging method for the study of language networks in post-stroke aphasia. Brain and Cognition, 2019, 131, 22-33.	1.8	54
27	The neuronal network involved in self-attribution of an artificial hand: A lesion network-symptom-mapping study. NeuroImage, 2018, 166, 317-324.	4.2	30
28	Dual Time-Point [18F]Florbetaben PET Delivers Dual Biomarker Information in Mild Cognitive Impairment and Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 66, 1105-1116.	2.6	20
29	Delayed Post-hypoxic Leukoencephalopathy (DPHL)—An Uncommon Variant of Hypoxic Brain Damage in Adults. Frontiers in Neurology, 2018, 9, 708.	2.4	24
30	Recent progress in translational research on neurovascular and neurodegenerative disorders. Restorative Neurology and Neuroscience, 2017, 35, 87-103.	0.7	16
31	Successful systemic thrombolysis with rtPA in a patient with history of a life-threatening rtPA-associated orolingual angioedema. ENeurologicalSci, 2017, 8, 36-37.	1.3	1
32	Differential spatial representation of precision and power grasps in the human motor system. NeuroImage, 2017, 158, 58-69.	4.2	11
33	Integration demands modulate effective connectivity in a fronto-temporal network for contextual sentence integration. NeuroImage, 2017, 147, 812-824.	4.2	20
34	Evaluation Of freehand high-resolution 3-dimensional ultrasound of the median nerve. Muscle and Nerve, 2017, 55, 206-212.	2.2	9
35	Evaluation of Freehand B-Mode and Power-Mode 3D Ultrasound for Visualisation and Grading of Internal Carotid Artery Stenosis. PLoS ONE, 2017, 12, e0167500.	2.5	13
36	Fronto-temporal interactions are functionally relevant for semantic control in language processing. PLoS ONE, 2017, 12, e0177753.	2.5	8

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37	Rapid short-term reorganization in the language network. <i>ELife</i> , 2017, 6, .	6.0	49
38	Combined PET/MRI. <i>Neurology</i> , 2016, 86, 1926-1927.	1.1	7
39	Componential Network for the Recognition of Tool-Associated Actions: Evidence from Voxel-based Lesion-Symptom Mapping in Acute Stroke Patients. <i>Cerebral Cortex</i> , 2016, 27, 4139-4152.	2.9	13
40	Feasibility and acceptance of simultaneous amyloid PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 2236-2243.	6.4	25
41	The Dual-Loop Model and the Human Mirror Neuron System: an Exploratory Combined fMRI and DTI Study of the Inferior Frontal Gyrus. <i>Cerebral Cortex</i> , 2016, 26, 2215-2224.	2.9	47
42	Dissociating Parieto-Frontal Networks for Phonological and Semantic Word Decisions: A Condition-and-Perturb TMS Study. <i>Cerebral Cortex</i> , 2016, 26, 2590-2601.	2.9	93
43	Insights into early language recovery: from basic principles to practical applications. <i>Aphasiology</i> , 2016, 30, 517-541.	2.2	15
44	Commentary on Bajada et al., (2015). <i>Cortex</i> , 2016, 75, 247-248.	2.4	0
45	The Cerebral Surfactant System and Its Alteration in Hydrocephalic Conditions. <i>PLoS ONE</i> , 2016, 11, e0160680.	2.5	13
46	Quantification of Internal Carotid Artery Stenosis with 3D Ultrasound Angiography. <i>Ultraschall in Der Medizin</i> , 2015, 36, 487-493.	1.5	14
47	Simultaneous PET/Mri in Stroke: A Case Series. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1421-1425.	4.3	57
48	Failure to confirm benefit of acetyl-dl-leucine in degenerative cerebellar ataxia: a case series. <i>Journal of Neurology</i> , 2015, 262, 1373-1375.	3.6	14
49	Fiber pathways connecting cortical areas relevant for spatial orienting and exploration. <i>Human Brain Mapping</i> , 2014, 35, 1031-1043.	3.6	31
50	Definition of Primary and Secondary Glioblastoma Letter. <i>Clinical Cancer Research</i> , 2014, 20, 2011-2012.	7.0	4
51	Neuroimaging in aphasia treatment research: Consensus and practical guidelines for data analysis. <i>NeuroImage</i> , 2013, 73, 215-224.	4.2	46
52	Fronto-parietal dorsal and ventral pathways in the context of different linguistic manipulations. <i>Brain and Language</i> , 2013, 127, 241-250.	1.6	24
53	Involuntary attentional capture by speech and non-speech deviations: A combined behavioral event-related potential study. <i>Brain Research</i> , 2013, 1490, 153-160.	2.2	12
54	Increased Facilitatory Connectivity from the Pre-SMA to the Left Dorsal Premotor Cortex during Pseudoword Repetition. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 580-594.	2.3	31

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55	Damage to ventral and dorsal language pathways in acute aphasia. <i>Brain</i> , 2013, 136, 619-629.	7.6	229
56	Perturbation of the left inferior frontal gyrus triggers adaptive plasticity in the right homologous area during speech production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16402-16407.	7.1	122
57	Neurobiology of Language Recovery After Stroke: Lessons From Neuroimaging Studies. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, S15-S25.	0.9	94
58	Network modulation during complex syntactic processing. <i>NeuroImage</i> , 2012, 59, 815-823.	4.2	90
59	Ventral and dorsal fiber systems for imagined and executed movement. <i>Experimental Brain Research</i> , 2012, 219, 203-216.	1.5	64
60	Functional role of ipsilateral motor areas in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 578-583.	1.9	26
61	How the ventral pathway got lost – And what its recovery might mean. <i>Brain and Language</i> , 2011, 118, 29-39.	1.6	147
62	Activation changes in sensorimotor cortex during improvement due to CIMT in chronic stroke. <i>Restorative Neurology and Neuroscience</i> , 2011, 29, 299-310.	0.7	15
63	Acute visual neglect and extinction: distinct functional state of the visuospatial attention system. <i>Brain</i> , 2011, 134, 3310-3325.	7.6	85
64	Structural Connectivity for Visuospatial Attention: Significance of Ventral Pathways. <i>Cerebral Cortex</i> , 2010, 20, 121-129.	2.9	155
65	Reduced Precuneus Deactivation during Object Naming in Patients with Mild Cognitive Impairment, Alzheimer's Disease, and Frontotemporal Lobar Degeneration. <i>Dementia and Geriatric Cognitive Disorders</i> , 2010, 30, 334-343.	1.5	23
66	Model-oriented naming therapy in semantic dementia: A single-case fMRI study. <i>Aphasiology</i> , 2010, 24, 1537-1558.	2.2	57
67	Early functional magnetic resonance imaging activations predict language outcome after stroke. <i>Brain</i> , 2010, 133, 1252-1264.	7.6	113
68	Combining functional and anatomical connectivity reveals brain networks for auditory language comprehension. <i>NeuroImage</i> , 2010, 49, 3187-3197.	4.2	246
69	Reduced interhemispheric structural connectivity between anterior cingulate cortices in borderline personality disorder. <i>Psychiatry Research - Neuroimaging</i> , 2010, 181, 151-154.	1.8	43
70	Reply to Yamada: The extreme capsule is the ventral pathway for language. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, .	7.1	5
71	Word order processing in the bilingual brain. <i>Neuropsychologia</i> , 2009, 47, 158-168.	1.6	47
72	Extraction of prefronto-amygdalar pathways by combining probability maps. <i>Psychiatry Research - Neuroimaging</i> , 2009, 174, 217-222.	1.8	52

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73	The longitudinal changes of BOLD response and cerebral hemodynamics from acute to subacute stroke. A fMRI and TCD study. BMC Neuroscience, 2009, 10, 151.	1.9	55
74	Please don't underestimate the ventral pathway in language. Trends in Cognitive Sciences, 2009, 13, 369-370.	7.8	60
75	Correct and erroneous picture naming responses in healthy subjects. Neuroscience Letters, 2009, 463, 167-171.	2.1	30
76	Fully automated classification of HARDI in vivo data using a support vector machine. NeuroImage, 2009, 46, 642-651.	4.2	19
77	Bildgebende Verfahren "Aktivierungsstudien mit fMRT und PET.", 2009, , 238-250.		1
78	On the Detection of Direct Directed Information Flow in fMRI. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 965-974.	10.8	19
79	Connecting and merging fibres: Pathway extraction by combining probability maps. NeuroImage, 2008, 43, 81-89.	4.2	64
80	Ventral and dorsal pathways for language. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18035-18040.	7.1	1,306
81	Iomazenil-Single-Photon Emission Computed Tomography Reveals Selective Neuronal Loss in Magnetic Resonance-Defined Mismatch Areas. Stroke, 2006, 37, 2713-2719.	2.0	58
82	Dynamics of language reorganization after stroke. Brain, 2006, 129, 1371-1384.	7.6	945
83	Recovery from aphasia: lessons from imaging studies. , 0, , 125-132.		1