

Thilo van Eimeren

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

6,174
citations

94269

37
h-index

74018

75
g-index

125
all docs

125
docs citations

125
times ranked

7540
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired self-awareness of cognitive deficits in Parkinson's disease relates to cingulate cortex dysfunction. <i>Psychological Medicine</i> , 2023, 53, 1244-1253.	2.7	7
2	In search of convergent regional brain abnormality in cognitive emotion regulation: A transdiagnostic neuroimaging meta-analysis. <i>Human Brain Mapping</i> , 2022, 43, 1309-1325.	1.9	6
3	Parameters from site classification to harmonize ¹⁸F¹⁸F-Flortaucipir PET Differentiates Amyloid-Positive and -Negative Forms of Neurodegenerative Diseases. <i>Journal of Nuclear Medicine</i> , 2021, 62, 240-246.	1.9	7
4	Motor training-related brain reorganization in patients with cerebellar degeneration. <i>Human Brain Mapping</i> , 2022, 43, 1611-1629.	1.9	4
5	Longitudinal trimodal imaging of midbrain-associated network degeneration in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2022, 8, .	2.5	7
6	Inhibitory framing in hypersexual patients with Parkinson's disease. An fMRI pilot study. <i>Experimental Brain Research</i> , 2022, 240, 2097-2107.	0.7	2
7	Effects of Lee Silverman Voice Treatment BIG and conventional physiotherapy on non-motor and motor symptoms in Parkinson's disease: a randomized controlled study comparing three exercise models. <i>Therapeutic Advances in Neurological Disorders</i> , 2021, 14, 175628642098674.	2.8	18
8	Indication of retrograde tau spreading along Braak stages and functional connectivity pathways. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2272-2282.	1.5	13
9	PET and SPECT Imaging of Neurodegenerative Diseases. , 2021, , 1309-1334.	3.3	12
10	The default mode network and cognition in Parkinson's disease: A multimodal resting-state network approach. <i>Human Brain Mapping</i> , 2021, 42, 2623-2641.	0	46
11	Clinical validity of second-generation tau PET tracers as biomarkers for Alzheimer's disease in the context of a structured 5-phase development framework. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2110-2120.	1.9	33
12	Finding New Communities: A Principle of Neuronal Network Reorganization in Alzheimer's Disease. <i>Brain Connectivity</i> , 2021, 11, 225-238.	3.3	6
13	Cortical [¹⁸ F]PI-2620 Binding Differentiates Corticobasal Syndrome Subtypes. <i>Movement Disorders</i> , 2021, 36, 2104-2115.	0.8	46
14	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.	2.2	30
15	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.	2.4	22
16	Discounting Behavior in Problem Gambling. <i>Journal of Gambling Studies</i> , 2021, , 1.	3.3	2
17	The impact of subthalamic deep brain stimulation on belief revision and social validation. <i>Parkinsonism and Related Disorders</i> , 2021, 89, 84-86.	1.1	0

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19	Assessment of Affective-Behavioral States in Parkinson's Disease Patients: Towards a New Screening Tool. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1417-1430.	1.5	1
20	Oscillatory brain activity associated with skin conductance responses in the context of risk. <i>Journal of Neurophysiology</i> , 2021, 126, 924-933.	0.9	1
21	Unique regional patterns of amyloid burden predict progression to prodromal and clinical stages of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2021, 106, 119-129.	1.5	15
22	Predicting Working Memory Training Responsiveness in Parkinson's Disease: Both "System Hardware" and Room for Improvement Are Needed. <i>Neurorehabilitation and Neural Repair</i> , 2021, 35, 117-130.	1.4	3
23	Validation of biomarkers in Huntington disease to support the development of disease-modifying therapies: A systematic review and critical appraisal scheme. <i>Parkinsonism and Related Disorders</i> , 2021, 93, 89-96.	1.1	3
24	Never too little: Grip and lift forces following probabilistic weight cues in patients with writer's cramp. <i>Clinical Neurophysiology</i> , 2021, 132, 2937-2947.	0.7	1
25	Dopaminergic pathways and resting-state functional connectivity in Parkinson's disease with freezing of gait. <i>NeuroImage: Clinical</i> , 2021, 32, 102899.	1.4	12
26	Unlucky punches: the vulnerability-stress model for the development of impulse control disorders in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 112.	2.5	10
27	Unique regional patterns of amyloid burden predict progression to prodromal and clinical stages of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
28	The speed limits of tau spreading: The contribution of regional amyloid and education. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
29	Feasibility of short imaging protocols for [¹⁸ F]PI-2620 tau-PET in progressive supranuclear palsy. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
30	A gatekeeper for amyloid status based on FDG-PET and genetic risk in patients with mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
31	Working memory training increases neural efficiency in Parkinson's disease: a randomized controlled trial. <i>Brain Communications</i> , 2020, 2, fcaa115.	1.5	5
32	Entorhinal Tau Predicts Hippocampal Activation and Memory Deficits in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1601-1614.	1.2	5
33	Assessment of ¹⁸ F-PI-2620 as a Biomarker in Progressive Supranuclear Palsy. <i>JAMA Neurology</i> , 2020, 77, 1408.	4.5	145
34	Resistance to tau and amyloid pathology supports superaging. <i>Alzheimer's and Dementia</i> , 2020, 16, e036952.	0.4	0
35	Central autonomic dysfunction in multiple system atrophy: can we measure it with MRI?. <i>Clinical Autonomic Research</i> , 2020, 30, 185-187.	1.4	0
36	Risk attitudes and digit ratio (2D:4D): Evidence from prospect theory. <i>Journal of Risk and Uncertainty</i> , 2020, 60, 29-51.	0.8	8

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37	Effects of working memory training in patients with Parkinson's disease without cognitive impairment: A randomized controlled trial. <i>Parkinsonism and Related Disorders</i> , 2020, 72, 13-22.	1.1	14
38	Network degeneration in Parkinson's disease: multimodal imaging of nigro-striato-cortical dysfunction. <i>Brain</i> , 2020, 143, 944-959.	3.7	74
39	Effects of Home-Based Working Memory Training on Visuo-Spatial Working Memory in Parkinson's Disease: A Randomized Controlled Trial. <i>Journal of Central Nervous System Disease</i> , 2020, 12, 117957351989946.	0.7	8
40	Early-phase [18F]PI-2620 tau-PET imaging as a surrogate marker of neuronal injury. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2911-2922.	3.3	36
41	Assessment of Tau Tangles and Amyloid- β Plaques Among Super Agers Using PET Imaging. <i>JAMA Network Open</i> , 2020, 3, e2028337.	2.8	10
42	Connectomics and molecular imaging in neurodegeneration. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2819-2830.	3.3	21
43	From molecules to system failure: translational frontiers of multimodal imaging in neurodegenerative diseases. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2816-2818.	3.3	0
44	α -Synuclein in Parkinson's disease: causal or bystander?. <i>Journal of Neural Transmission</i> , 2019, 126, 815-840.	1.4	88
45	Level of education mitigates the impact of tau pathology on neuronal function. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1787-1795.	3.3	16
46	Parkinsonian patients do not utilize probabilistic advance information in a grip-lift task. <i>Parkinsonism and Related Disorders</i> , 2019, 65, 67-72.	1.1	1
47	How to apply the movement disorder society criteria for diagnosis of progressive supranuclear palsy. <i>Movement Disorders</i> , 2019, 34, 1228-1232.	2.2	93
48	Neuroimaging biomarkers for clinical trials in atypical parkinsonian disorders: Proposal for a Neuroimaging Biomarker Utility System. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 301-309.	1.2	30
49	Biomarkers of Parkinson's disease: 20 years later. <i>Journal of Neural Transmission</i> , 2019, 126, 803-813.	1.4	22
50	Imaging executive functions in Parkinson's disease: An activation likelihood estimation meta-analysis. <i>Parkinsonism and Related Disorders</i> , 2019, 63, 137-142.	1.1	18
51	Dopamine metabolism of the nucleus accumbens and fronto-striatal connectivity modulate impulse control. <i>Brain</i> , 2019, 142, 733-743.	3.7	50
52	ICP-003: THE CAPTAINS STUDY: STANDARDIZING VISUAL INTERPRETATION STRATEGIES FOR AMYLOID PET TRACERS. <i>Alzheimer's and Dementia</i> , 2019, 15, P14.	0.4	0
53	Overlapping and distinct neural metabolic patterns related to impulsivity and hypomania in Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2019, 13, 241-254.	1.1	8
54	ICP-161: 18F-PI2620 TAU-PET IN PROGRESSIVE SUPRANUCLEAR PALSY: A MULTI-CENTER EVALUATION. <i>Alzheimer's and Dementia</i> , 2019, 15, P128.	0.4	3

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55	Pearls & Oysters: Ocular motor apraxia as essential differential diagnosis to supranuclear gaze palsy. <i>Neurology</i> , 2018, 90, 482-485.	1.5	10
56	Networks of tau distribution in Alzheimer's disease. <i>Brain</i> , 2018, 141, 568-581.	3.7	140
57	P1458: LEVEL OF BRAIN RESERVE ASSOCIATED WITH SPATIAL EXTENT OF TAU NEURODEGENERATION PATTERN IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P494.	0.4	0
58	Neural Correlates of Hypokinetic Dysarthria and Mechanisms of Effective Voice Treatment in Parkinson Disease. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 1055-1066.	1.4	33
59	The Role of Tau Imaging in Parkinsonian Disorders. <i>Current Neurology and Neuroscience Reports</i> , 2018, 18, 86.	2.0	14
60	Imaging Markers of Progression in Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , 2018, 5, 586-596.	0.8	23
61	It's all about gains: Risk preferences in problem gambling. <i>Journal of Experimental Psychology: General</i> , 2018, 147, 1241-1255.	1.5	13
62	Molecular imaging to track Parkinson's disease and atypical parkinsonisms: New imaging frontiers. <i>Movement Disorders</i> , 2017, 32, 181-192.	2.2	88
63	Resting-state functional reorganization in Parkinson's disease: An activation likelihood estimation meta-analysis. <i>Cortex</i> , 2017, 92, 119-138.	1.1	101
64	Is Tau Imaging More Than Just Upside-Down ¹⁸ F-FDG Imaging?. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1357-1359.	2.8	21
65	Tau pathology and cognitive reserve in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 57, 1-7.	1.5	50
66	Which ante mortem clinical features predict progressive supranuclear palsy pathology?. <i>Movement Disorders</i> , 2017, 32, 995-1005.	2.2	121
67	Radiological biomarkers for diagnosis in PSP: Where are we and where do we need to be?. <i>Movement Disorders</i> , 2017, 32, 955-971.	2.2	179
68	Clinical diagnosis of progressive supranuclear palsy: The movement disorder society criteria. <i>Movement Disorders</i> , 2017, 32, 853-864.	2.2	1,402
69	Hypothalamic Inflammation in Human Obesity Is Mediated by Environmental and Genetic Factors. <i>Diabetes</i> , 2017, 66, 2407-2415.	0.3	117
70	Multimodal correlation of dynamic [18F]-AV-1451 perfusion PET and neuronal hypometabolism in [18F]-FDG PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2249-2256.	3.3	14
71	Tau-imaging in neurodegeneration. <i>Methods</i> , 2017, 130, 114-123.	1.9	34
72	[P200]: <i>IN VIVO</i> TAUOPATHY MEASURED WITH [18F]-AV-1451 IS DIFFERENTIALLY RELATED TO CSF BIOMARKERS OF TAU IN ALZHEIMER'S DISEASE: THE INFLUENCE OF AMYLOID DEPOSITION. <i>Alzheimer's and Dementia</i> , 2017, 13, P683.	0.4	0

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73	[P1â€“183]: NETWORKS OF TAU DISTRIBUTION IN ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2017, 13, P136.	0.4	0
74	Processing of probabilistic information in weight perception and motor prediction. Attention, Perception, and Psychophysics, 2017, 79, 404-414.	0.7	2
75	Elevated in vivo [18F]â€“AVâ€“1451 uptake in a patient with progressive supranuclear palsy. Movement Disorders, 2017, 32, 170-171.	2.2	49
76	[P1â€“006]: TAU PATHOLOGY BURDEN ASSOCIATED WITH LEVEL OF COGNITIVE RESERVE IN ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2017, 13, P233.	0.4	0
77	[P1â€“467]: TAU PATHOLOGY BURDEN ASSOCIATED WITH LEVEL OF COGNITIVE RESERVE IN ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2017, 13, P468.	0.4	0
78	[P1â€“468]: NETWORKS OF TAU DISTRIBUTION IN ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2017, 13, P468.	0.4	0
79	In vivo Patterns of Tau Pathology, Amyloid-Î² Burden, and Neuronal Dysfunction in Clinical Variants of Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 55, 465-471.	1.2	93
80	Impact of tau and amyloid burden on glucose metabolism in Alzheimer's disease. Annals of Clinical and Translational Neurology, 2016, 3, 934-939.	1.7	89
81	D26â€“Pathological tau signal in huntington's disease â€“ an in vivo [18F]-AV-1451 pet imaging report. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A44.1-A44.	0.9	2
82	Early-onset parkinsonism due to compound heterozygous POLG mutations. Parkinsonism and Related Disorders, 2016, 29, 135-137.	1.1	6
83	Chemosensory processing in children with attention-deficit/hyperactivity disorder. Journal of Psychiatric Research, 2016, 76, 121-127.	1.5	14
84	Altered brain activation in a reversal learning task unmasks adaptive changes in cognitive control in writer's cramp. NeuroImage: Clinical, 2016, 10, 63-70.	1.4	13
85	Assessing paedophilia based on the haemodynamic brain response to face images. World Journal of Biological Psychiatry, 2016, 17, 39-46.	1.3	6
86	Impulsivity is Associated with Increased Metabolism in the Fronto-Insular Network in Parkinson's Disease. Frontiers in Behavioral Neuroscience, 2015, 9, 317.	1.0	18
87	Increased volume and impaired function: the role of the basal ganglia in writer's cramp. Brain and Behavior, 2015, 5, e00301.	1.0	30
88	The (in)consistency of changes in brain macrostructure in male paedophiles: A combined T1-weighted and diffusion tensor imaging study. Journal of Psychiatric Research, 2015, 68, 246-253.	1.5	23
89	Probabilistic information on object weight shapes force dynamics in a grip-lift task. Experimental Brain Research, 2015, 233, 1711-1720.	0.7	6
90	Metabolic Topology of Neurodegenerative Disorders: Influence of Cognitive and Motor Deficits. Journal of Nuclear Medicine, 2015, 56, 1916-1921.	2.8	22

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91	A systematic review on the applications of resting-state fMRI in Parkinson's disease: Does dopamine replacement therapy play a role?. <i>Cortex</i> , 2015, 73, 80-105.	1.1	161
92	Alexithymia as an independent risk factor for impulsive-compulsive disorders in Parkinson's disease. <i>Movement Disorders</i> , 2014, 29, 214-220.	2.2	48
93	Validation of the questionnaire for impulsive-compulsive disorders in Parkinson's disease (QUIP) and the QUIP-rating scale in a German speaking sample. <i>Journal of Neurology</i> , 2014, 261, 936-942.	1.8	46
94	Prefrontal D2 receptor stimulation mediates flexible adaptation of economic preference hierarchies. <i>Human Brain Mapping</i> , 2013, 34, 226-232.	1.9	2
95	The Functional Anatomy of Impulse Control Disorders. <i>Current Neurology and Neuroscience Reports</i> , 2013, 13, 386.	2.0	64
96	Brain Changes Associated with Postural Training in Patients with Cerebellar Degeneration: A Voxel-Based Morphometry Study. <i>Journal of Neuroscience</i> , 2013, 33, 4594-4604.	1.7	87
97	Relation of lead trajectory and electrode position to neuropsychological outcomes of subthalamic neurostimulation in Parkinson's disease: results from a randomized trial. <i>Brain</i> , 2013, 136, 2109-2119.	3.7	171
98	Serotonin Transporter Occupancy and the Functional Neuroanatomic Effects of Citalopram in Geriatric Depression. <i>American Journal of Geriatric Psychiatry</i> , 2011, 19, 1016-1025.	0.6	27
99	Impulse control disorders in Parkinson's disease: seeking a roadmap toward a better understanding. <i>Brain Structure and Function</i> , 2011, 216, 289-299.	1.2	72
100	Pathological gambling in patients with Parkinson's disease is associated with fronto-striatal disconnection: A path modeling analysis. <i>Movement Disorders</i> , 2011, 26, 225-233.	2.2	109
101	Reduced dopamine transporter density in the ventral striatum of patients with Parkinson's disease and pathological gambling. <i>Neurobiology of Disease</i> , 2010, 39, 98-104.	2.1	136
102	Continuous theta burst stimulation of right dorsolateral prefrontal cortex induces changes in impulsivity level. <i>Brain Stimulation</i> , 2010, 3, 170-176.	0.7	150
103	Serotonin 2A Receptors and Visual Hallucinations in Parkinson Disease. <i>Archives of Neurology</i> , 2010, 67, 416-21.	4.9	220
104	Imaging movement-related activity in medicated Parkinson-associated and sporadic Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2010, 16, 384-387.	1.1	12
105	Dysfunction of the Default Mode Network in Parkinson Disease. <i>Archives of Neurology</i> , 2009, 66, 877-83.	4.9	243
106	Dopamine Agonists Diminish Value Sensitivity of the Orbitofrontal Cortex: A Trigger for Pathological Gambling in Parkinson's Disease?. <i>Neuropsychopharmacology</i> , 2009, 34, 2758-2766.	2.8	140
107	Stimulation of the subthalamic nucleus and impulsivity: Release your horses. <i>Annals of Neurology</i> , 2009, 66, 817-824.	2.8	225
108	Cerebral blood flow changes induced by pedunclopontine nucleus stimulation in patients with advanced Parkinson's disease: A [¹⁵ O] H ₂ O PET study. <i>Human Brain Mapping</i> , 2009, 30, 3901-3909.	1.9	99

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109	Mapping preclinical compensation in Parkinson's disease: An imaging genomics approach. <i>Movement Disorders</i> , 2009, 24, S703-10.	2.2	62
110	Increased dopamine release in the right anterior cingulate cortex during the performance of a sorting task: A [11C]FLB 457 PET study. <i>NeuroImage</i> , 2009, 46, 516-521.	2.1	60
111	Dopamine Agonists Diminish Value Sensitivity of the Orbitofrontal Cortex: A Trigger for Pathological Gambling in Parkinson's Disease?. <i>Neuropsychopharmacology</i> , 2009, 34, 2758-66.	2.8	83
112	Can Left-Handedness be Switched? Insights from an Early Switch of Handwriting. <i>Journal of Neuroscience</i> , 2007, 27, 7847-7853.	1.7	55
113	The effect of handedness on cortical motor activation during simple bilateral movements. <i>NeuroImage</i> , 2007, 34, 274-280.	2.1	81
114	Implementation of visuospatial cues in response selection. <i>NeuroImage</i> , 2006, 29, 286-294.	2.1	56
115	An update on functional neuroimaging of parkinsonism and dystonia. <i>Current Opinion in Neurology</i> , 2006, 19, 412-419.	1.8	35
116	Right lateralized motor cortex activation during volitional blinking. <i>Annals of Neurology</i> , 2001, 49, 813-816.	2.8	22