

# Remco J Renken

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

2,087  
citations

304743

22  
h-index

265206

42  
g-index

68  
all docs

68  
docs citations

68  
times ranked

3728  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Brain-Wide Study of Age-Related Changes in Functional Connectivity. <i>Cerebral Cortex</i> , 2015, 25, 1987-1999.	2.9	617
2	Evoked Emotions Predict Food Choice. <i>PLoS ONE</i> , 2014, 9, e115388.	2.5	129
3	Parkinson's disease-related perfusion and glucose metabolic brain patterns identified with PCASL-MRI and FDG-PET imaging. <i>NeuroImage: Clinical</i> , 2014, 5, 240-244.	2.7	76
4	Short-term Effects of Tolvaptan in Individuals With Autosomal Dominant Polycystic Kidney Disease at Various Levels of Kidney Function. <i>American Journal of Kidney Diseases</i> , 2015, 65, 833-841.	1.9	68
5	Brain mechanisms underlying the effects of aging on different aspects of selective attention. <i>NeuroImage</i> , 2014, 91, 52-62.	4.2	65
6	Connectomics and Neuroticism: An Altered Functional Network Organization. <i>Neuropsychopharmacology</i> , 2015, 40, 296-304.	5.4	65
7	Metallic taste in cancer patients treated with chemotherapy. <i>Cancer Treatment Reviews</i> , 2015, 41, 179-186.	7.7	53
8	cTBS delivered to the left somatosensory cortex changes its functional connectivity during rest. <i>NeuroImage</i> , 2015, 114, 386-397.	4.2	53
9	Test-retest reliability of task-based and resting-state blood oxygen level dependence and cerebral blood flow measures. <i>PLoS ONE</i> , 2018, 13, e0206583.	2.5	53
10	Functional specialization of the male insula during taste perception. <i>NeuroImage</i> , 2015, 119, 210-220.	4.2	50
11	Scaled Subprofile Modeling and Convolutional Neural Networks for the Identification of Parkinson's Disease in 3D Nuclear Imaging Data. <i>International Journal of Neural Systems</i> , 2019, 29, 1950010.	5.2	48
12	Neural correlates of planning performance in patients with schizophrenia – Relationship with apathy. <i>Schizophrenia Research</i> , 2015, 161, 367-375.	2.0	44
13	Neural processing of basic tastes in healthy young and older adults – an fMRI study. <i>NeuroImage</i> , 2015, 119, 1-12.	4.2	44
14	Classification of Parkinsonian Syndromes from FDG-PET Brain Data Using Decision Trees with SSM/PCA Features. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-10.	1.3	42
15	Changes in taste and smell function, dietary intake, food preference, and body composition in testicular cancer patients treated with cisplatin-based chemotherapy. <i>Clinical Nutrition</i> , 2017, 36, 1642-1648.	5.0	41
16	Cortical Tonotopic Map Changes in Humans Are Larger in Hearing Loss Than in Additional Tinnitus. <i>Journal of Neuroscience</i> , 2020, 40, 3178-3185.	3.6	41
17	Romantic relationship breakup: An experimental model to study effects of stress on depression (-like) symptoms. <i>PLoS ONE</i> , 2019, 14, e0217320.	2.5	37
18	Estimation of Total Kidney Volume in Autosomal Dominant Polycystic Kidney Disease. <i>American Journal of Kidney Diseases</i> , 2015, 66, 792-801.	1.9	36

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19	Screening, diagnosis and monitoring of sarcopenia: When to use which tool?. <i>Clinical Nutrition ESPEN</i> , 2022, 48, 36-44.	1.2	34
20	Trait self-reflectiveness relates to time-varying dynamics of resting state functional connectivity and underlying structural connectomes: Role of the default mode network. <i>NeuroImage</i> , 2020, 219, 116896.	4.2	33
21	Parkinson-Related Changes of Activation in Visuomotor Brain Regions during Perceived Forward Self-Motion. <i>PLoS ONE</i> , 2014, 9, e95861.	2.5	31
22	Associations Between Daily Affective Instability and Connectomics in Functional Subnetworks in Remitted Patients with Recurrent Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2017, 42, 2583-2592.	5.4	31
23	Effect of rTMS on brain activation in schizophrenia with negative symptoms: A proof-of-principle study. <i>Schizophrenia Research</i> , 2015, 168, 475-482.	2.0	25
24	The cerebral metabolic topography of spinocerebellar ataxia type 3. <i>NeuroImage: Clinical</i> , 2018, 19, 90-97.	2.7	25
25	CHANGES IN REGIONAL BRAIN ACTIVATION RELATED TO DEPRESSIVE STATE: A 2-YEAR LONGITUDINAL FUNCTIONAL MRI STUDY. <i>Depression and Anxiety</i> , 2016, 33, 35-44.	4.1	24
26	Micro-probing enables fine-grained mapping of neuronal populations using fMRI. <i>NeuroImage</i> , 2020, 209, 116423.	4.2	22
27	T1 vs. T2 weighted magnetic resonance imaging to assess total kidney volume in patients with autosomal dominant polycystic kidney disease. <i>Abdominal Radiology</i> , 2018, 43, 1215-1222.	2.1	21
28	Associations between genetic risk, functional brain network organization and neuroticism. <i>Brain Imaging and Behavior</i> , 2017, 11, 1581-1591.	2.1	19
29	Multicenter Validation of Metabolic Abnormalities Related to <sc>PSP</sc> According to the <sc>MDSâ€PSP</sc> Criteria. <i>Movement Disorders</i> , 2020, 35, 2009-2018.	3.9	18
30	Dealing with Consumer Differences in Liking during Repeated Exposure to Food; Typical Dynamics in Rating Behavior. <i>PLoS ONE</i> , 2014, 9, e93350.	2.5	18
31	Foveal pRF properties in the visual cortex depend on the extent of stimulated visual field. <i>NeuroImage</i> , 2020, 222, 117250.	4.2	14
32	Taste and smell function in testicular cancer survivors treated with cisplatin-based chemotherapy in relation to dietary intake, food preference, and body composition. <i>Appetite</i> , 2016, 105, 392-399.	3.7	13
33	Factors affecting the harmonization of diseaseâ€related metabolic brain pattern expression quantification in [ <sup>18</sup> F]FDGâ€PET (PETMETPAT). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 472-482.	2.4	13
34	Self-reported taste and smell alterations and the liking of oral nutritional supplements with sensory-adapted flavors in cancer patients receiving systemic antitumor treatment. <i>Supportive Care in Cancer</i> , 2021, 29, 5691-5699.	2.2	11
35	Immune checkpoint inhibitor treatment induces colitis with heavy infiltration of CD8â€+â€T cells and an infiltration pattern that resembles ulcerative colitis. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 479, 1119-1129.	2.8	11
36	Visual Field Reconstruction Using fMRI-Based Techniques. <i>Translational Vision Science and Technology</i> , 2021, 10, 25.	2.2	10

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37	Rigidity in Motor Behavior and Brain Functioning in Patients With Schizophrenia and High Levels of Apathy. <i>Schizophrenia Bulletin</i> , 2019, 45, 542-551.	4.3	9
38	Eye Movement Evaluation in Multiple Sclerosis and Parkinson's Disease Using a Standardized Oculomotor and Neuro-Ophthalmic Disorder Assessment (SONDA). <i>Frontiers in Neurology</i> , 2020, 11, 971.	2.4	9
39	An application of generalized matrix learning vector quantization in neuroimaging. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 197, 105708.	4.7	9
40	Predictive masking of an artificial scotoma is associated with a system-wide reconfiguration of neural populations in the human visual cortex. <i>NeuroImage</i> , 2021, 245, 118690.	4.2	9
41	Studying Cortical Plasticity in Ophthalmic and Neurological Disorders: From Stimulus-Driven to Cortical Circuitry Modeling Approaches. <i>Neural Plasticity</i> , 2019, 2019, 1-12.	2.2	8
42	Eye-Movement-Based Assessment of the Perceptual Consequences of Glaucomatous and Neuro-Ophthalmological Visual Field Defects. <i>Translational Vision Science and Technology</i> , 2021, 10, 1.	2.2	8
43	Spontaneous brain activity underlying auditory hallucinations in the hearing-impaired. <i>Cortex</i> , 2021, 136, 1-13.	2.4	8
44	Depressive symptom trajectory following romantic relationship breakup and effects of rumination, neuroticism and cognitive control. <i>Stress and Health</i> , 2022, 38, 653-665.	2.6	8
45	Valence processing differs across stimulus modalities. <i>NeuroImage</i> , 2018, 183, 734-744.	4.2	7
46	Phase-synchronization-based parcellation of resting state fMRI signals reveals topographically organized clusters in early visual cortex. <i>NeuroImage</i> , 2018, 170, 424-433.	4.2	6
47	rTMS treatment of visual hallucinations using a connectivity-based targeting method - A case study. <i>Brain Stimulation</i> , 2019, 12, 1622-1624.	1.6	6
48	Propagation of BOLD Activity Reveals Task-dependent Directed Interactions Across Human Visual Cortex. <i>Cerebral Cortex</i> , 2020, 30, 5899-5914.	2.9	6
49	Patients Prefer a Virtual Reality Approach Over a Similarly Performing Screen-Based Approach for Continuous Oculomotor-Based Screening of Glaucomatous and Neuro-Ophthalmological Visual Field Defects. <i>Frontiers in Neuroscience</i> , 2021, 15, 745355.	2.8	6
50	Binocular Integrated Visual Field Deficits Are Associated With Changes in Local Network Function in Primary Open-Angle Glaucoma: A Resting-State fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 744139.	3.4	6
51	A resting-state fMRI pattern of spinocerebellar ataxia type 3 and comparison with 18F-FDG PET. <i>NeuroImage: Clinical</i> , 2022, 34, 103023.	2.7	6
52	Lateral and Medial Ventral Occipitotemporal Regions Interact During the Recognition of Images Revealed from Noise. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 678.	2.0	5
53	Relationships between gross motor skills, cardiovascular fitness, and visuospatial working memory-related brain activation in 8- to 10-year-old children. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020, 20, 842-858.	2.0	5
54	Computational Methods for Continuous Eye-Tracking Perimetry Based on Spatio-Temporal Integration and a Deep Recurrent Neural Network. <i>Frontiers in Neuroscience</i> , 2021, 15, 650540.	2.8	5

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55	Feasibility of pharmacokinetic parametric PET images in scaled subprofile modelling using principal component analysis. <i>NeuroImage: Clinical</i> , 2021, 30, 102625.	2.7	4
56	Identifying Player Types to Tailor Game-Based Learning Design to Learners: Cross-sectional Survey using Q Methodology. <i>JMIR Serious Games</i> , 2022, 10, e30464.	3.1	4
57	Differential effects of long-term aerobic versus cognitively-engaging physical activity on children's visuospatial working memory related brain activation: A cluster RCT. <i>Brain and Cognition</i> , 2021, 155, 105812.	1.8	4
58	Assessing Uncertainty and Reliability of Connective Field Estimations From Resting State fMRI Activity at 3T. <i>Frontiers in Neuroscience</i> , 2021, 15, 625309.	2.8	3
59	Comparison of decision tree and stepwise regression methods in classification of FDG-PET brain data using SSM/PCA features. , 2016, , .		2
60	Working Memory Alterations After a Romantic Relationship Breakup. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 657264.	2.0	2
61	The effect of lesion filling on brain network analysis in multiple sclerosis using structural magnetic resonance imaging. <i>Insights Into Imaging</i> , 2022, 13, 63.	3.4	2
62	Diffusion-derived parameters in lesions, peri-lesion and normal-appearing white matter in multiple sclerosis using tensor, kurtosis and fixel-based analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 2095-2106.	4.3	2
63	Attentional Modulation of Visual Spatial Integration: Psychophysical Evidence Supported by Population Coding Modeling. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1329-1342.	2.3	1
64	Imaging of neuroinflammation due to repetitive head injury in currently active kickboxers. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3162-3172.	6.4	1