

J Matthijs Biesbroek

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,765
citations

394390

19
h-index

302107

39
g-index

49
all docs

49
docs citations

49
times ranked

2609
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Standardized Assessment of Automatic Segmentation of White Matter Hyperintensities and Results of the WMH Segmentation Challenge. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2556-2568.	8.9	165
3	Strategic infarct location for post-stroke cognitive impairment: A multivariate lesion-symptom mapping study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1299-1311.	4.3	136
4	Lesion location and cognitive impact of cerebral small vessel disease. <i>Clinical Science</i> , 2017, 131, 715-728.	4.3	127
5	Strategic infarct locations for post-stroke cognitive impairment: a pooled analysis of individual patient data from 12 acute ischaemic stroke cohorts. <i>Lancet Neurology</i> , The, 2021, 20, 448-459.	10.2	120
6	Shared and distinct anatomical correlates of semantic and phonemic fluency revealed by lesion-symptom mapping in patients with ischemic stroke. <i>Brain Structure and Function</i> , 2016, 221, 2123-2134.	2.3	107
7	Association between Subcortical Vascular Lesion Location and Cognition: A Voxel-Based and Tract-Based Lesion-Symptom Mapping Study. The SMART-MR Study. <i>PLoS ONE</i> , 2013, 8, e60541.	2.5	92
8	Diagnostic Accuracy of CT Perfusion Imaging for Detecting Acute Ischemic Stroke: A Systematic Review and Meta-Analysis. <i>Cerebrovascular Diseases</i> , 2013, 35, 493-501.	1.7	75
9	Differences between left- and right-sided neglect revisited: A large cohort study across multiple domains. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2017, 39, 707-723.	1.3	71
10	The anatomy of visuospatial construction revealed by lesion-symptom mapping. <i>Neuropsychologia</i> , 2014, 62, 68-76.	1.6	59
11	Impact of Strategically Located White Matter Hyperintensities on Cognition in Memory Clinic Patients with Small Vessel Disease. <i>PLoS ONE</i> , 2016, 11, e0166261.	2.5	52
12	Cerebral amyloid burden is associated with white matter hyperintensity location in specific posterior white matter regions. <i>Neurobiology of Aging</i> , 2019, 84, 225-234.	3.1	42
13	Performance of five automated white matter hyperintensity segmentation methods in a multicenter dataset. <i>Scientific Reports</i> , 2019, 9, 16742.	3.3	38
14	Anatomy of phonemic and semantic fluency: A lesion and disconnectome study in 1231 stroke patients. <i>Cortex</i> , 2021, 143, 148-163.	2.4	32
15	Risk Factors for Acute Subdural Hematoma From Intracranial Aneurysm Rupture. <i>Neurosurgery</i> , 2012, 71, 264-269.	1.1	31
16	The right hemisphere is dominant in organization of visual search – A study in stroke patients. <i>Behavioural Brain Research</i> , 2016, 304, 71-79.	2.2	30
17	Peripersonal and extrapersonal visuospatial neglect in different frames of reference: A brain lesion-symptom mapping study. <i>Behavioural Brain Research</i> , 2019, 356, 504-515.	2.2	26
18	The Meta VCI Map consortium for meta-analyses on strategic lesion locations for vascular cognitive impairment using lesion-symptom mapping: Design and multicenter pilot study. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 310-326.	2.4	26

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19	Distinct anatomical correlates of discriminability and criterion setting in verbal recognition memory revealed by lesion-symptom mapping. <i>Human Brain Mapping</i> , 2015, 36, 1292-1303.	3.6	23
20	Prognosis of acute subdural haematoma from intracranial aneurysm rupture. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 254-257.	1.9	21
21	Generative lesion pattern decomposition of cognitive impairment after stroke. <i>Brain Communications</i> , 2021, 3, fcab110.	3.3	20
22	Peak width of skeletonized mean diffusivity and its association with age-related cognitive alterations and vascular risk factors. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 721-729.	2.4	18
23	Risk, Clinical Course, and Outcome of Ischemic Stroke in Patients Hospitalized With COVID-19: A Multicenter Cohort Study. <i>Stroke</i> , 2021, 52, 3978-3986.	2.0	18
24	Microstructure of Strategic White Matter Tracts and Cognition in Memory Clinic Patients with Vascular Brain Injury. <i>Dementia and Geriatric Cognitive Disorders</i> , 2017, 44, 268-282.	1.5	17
25	Culture-negative <i>Candida</i> meningitis diagnosed by detection of <i>Candida</i> mannan antigen in CSF. <i>Neurology</i> , 2013, 81, 1555-1556.	1.1	16
26	Post-stroke cognitive impairment on the Mini-Mental State Examination primarily relates to left middle cerebral artery infarcts. <i>International Journal of Stroke</i> , 2021, 16, 981-989.	5.9	16
27	Case-finding for cognitive impairment among people with Type 2 diabetes in primary care using the Test Your Memory and Self-Administered Gerocognitive Examination questionnaires: the Cog-ID study. <i>Diabetic Medicine</i> , 2016, 33, 812-819.	2.3	15
28	Brain Infarct Segmentation and Registration on MRI or CT for Lesion-symptom Mapping. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	15
29	Body representation disorders predict left right orientation impairments after stroke: A voxel-based lesion symptom mapping study. <i>Cortex</i> , 2018, 104, 140-153.	2.4	13
30	Impairments in Multisensory Integration after Stroke. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 885-899.	2.3	12
31	Diagnosing vascular cognitive impairment: Current challenges and future perspectives. <i>International Journal of Stroke</i> , 2023, 18, 36-43.	5.9	12
32	Experimental Simplification of the Excimer Laser-Assisted Nonocclusive Anastomosis (ELANA) Technique. <i>Operative Neurosurgery</i> , 2010, 67, ons283-ons290.	0.8	9
33	Registration of Brain CT Images to an MRI Template for the Purpose of Lesion-Symptom Mapping. <i>Lecture Notes in Computer Science</i> , 2013, , 119-128.	1.3	9
34	The Impact of Strategic White Matter Hyperintensity Lesion Location on Language. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 156-165.	1.2	9
35	Impact of white matter hyperintensity location on depressive symptoms in memory-clinic patients: a lesion-symptom mapping study. <i>Journal of Psychiatry and Neuroscience</i> , 2019, 44, E1-E10.	2.4	9
36	High white matter hyperintensity burden in strategic white matter tracts relates to worse global cognitive performance in community-dwelling individuals. <i>Journal of the Neurological Sciences</i> , 2020, 414, 116835.	0.6	7

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37	Strategic Infarct Locations for Poststroke Depressive Symptoms: A Lesion- and Disconnection-Symptom Mapping Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 387-396.	1.5	7
38	Combined pixel classification and atlas-based segmentation of the ventricular system in brain CT Images. <i>Proceedings of SPIE</i> , 2013, , .	0.8	6
39	Network impact score is an independent predictor of post-stroke cognitive impairment: A multicenter cohort study in 2341 patients with acute ischemic stroke. <i>NeuroImage: Clinical</i> , 2022, 34, 103018.	2.7	4
40	The acute effect of increased laser energy during the excimer laser-assisted non-occlusive anastomosis procedure on the vessel wall of the recipient artery: A histopathological study. <i>Lasers in Surgery and Medicine</i> , 2011, 43, 522-527.	2.1	3
41	Automatic detection and segmentation of ischemic lesions in computed tomography images of stroke patients. <i>Proceedings of SPIE</i> , 2013, , .	0.8	3
42	EEG registration during ventricular tachycardia and resuscitation. <i>Neurology: Clinical Practice</i> , 2018, 8, e7-e8.	1.6	2
43	An Elderly Woman With Recurrent Transient Loss of Consciousness Preceded by Hallucinatory Attacks. <i>JACC: Case Reports</i> , 2020, 2, 1824-1827.	0.6	1
44	014404: IMPACT OF WHITE MATTER HYPERINTENSITY LOCATION ON DEPRESSIVE SYMPTOMS IN MEMORY CLINIC PATIENTS: A LESION-SYMP TOM MAPPING STUDY. <i>Alzheimer's and Dementia</i> , 2018, 14, P259.	0.8	0
45	Short-lasting unilateral neuralgiform headache with autonomic symptoms associated with idiopathic hypertrophic pachymeningitis. <i>Cephalalgia Reports</i> , 2018, 1, 251581631879054.	0.7	0
46	Mapping the contributing factors of depression in community elders. <i>Alzheimer's and Dementia</i> , 2020, 16, e037441.	0.8	0
47	Mapping the contribution of clinical risk factors and MRI-based imaging features to cognitive impairment in community elders. <i>Alzheimer's and Dementia</i> , 2020, 16, e039619.	0.8	0