Federico Nemmi

List of Publications by Year in descending order

49 papers	1,444 citations	304602 22 h-index	345118 36 g-index
49 all docs	49 docs citations	49 times ranked	2005 citing authors

#	Article	IF	Citations
1	Neuropsychology of Environmental Navigation in Humans: Review and Meta-Analysis of fMRI Studies in Healthy Participants. Neuropsychology Review, 2014, 24, 236-251.	2.5	171
2	Multimodal MRI assessment of nigro-striatal pathway in multiple system atrophy and Parkinson disease. Movement Disorders, 2016, 31, 325-334.	2.2	87
3	Parkinson's disease and local atrophy in subcortical nuclei: insight from shape analysis. Neurobiology of Aging, 2015, 36, 424-433.	1.5	81
4	MRI supervised and unsupervised classification of Parkinson's disease and multiple system atrophy. Movement Disorders, 2018, 33, 600-608.	2.2	77
5	Segregation of neural circuits involved in spatial learning in reaching and navigational space. Neuropsychologia, 2013, 51, 1561-1570.	0.7	74
6	Where Am I? A new case of developmental topographical disorientation. Journal of Neuropsychology, 2014, 8, 107-124.	0.6	65
7	Direct and indirect parieto-medial temporal pathways for spatial navigation in humans: evidence from resting-state functional connectivity. Brain Structure and Function, 2017, 222, 1945-1957.	1.2	61
8	A penny for your thoughts! patterns of fMRI activity reveal the content and the spatial topography of visual mental images. Human Brain Mapping, 2015, 36, 945-958.	1.9	54
9	Behavior and neuroimaging at baseline predict individual response to combined mathematical and working memory training in children. Developmental Cognitive Neuroscience, 2016, 20, 43-51.	1.9	42
10	Looking for the compass in a case of developmental topographical disorientation: A behavioral and neuroimaging study. Journal of Clinical and Experimental Neuropsychology, 2014, 36, 464-481.	0.8	40
11	Cortical florbetapir-PET amyloid load in prodromal Alzheimerâ€™s disease patients. EJNMMI Research, 2013, 3, 43.	1.1	37
12	Quantitative susceptibility mapping of striatum in children and adults, and its association with working memory performance. NeuroImage, 2016, 136, 208-214.	2.1	36
13	Comparison between PET template-based method and MRI-based method for cortical quantification of florbetapir (AV-45) uptake in vivo. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 836-843.	3.3	34
14	Navigating toward a novel environment from a route or survey perspective: neural correlates and context-dependent connectivity. Brain Structure and Function, 2016, 221, 2005-2021.	1.2	34
15	Finding my own way: an fMRI single case study of a subject with developmental topographical disorientation. Neurocase, 2015, 21, 573-583.	0.2	30
16	Can the Cognitive Phenotype in Neurofibromatosis Type 1 (NF1) Be Explained by Neuroimaging? A Review. Frontiers in Neurology, 2019, 10, 1373.	1.1	30
17	Landmark sequencing and route knowledge: An fMRI study. Cortex, 2013, 49, 507-519.	1.1	29
18	Grit Is Associated with Structure of Nucleus Accumbens and Gains in Cognitive Training. Journal of Cognitive Neuroscience, 2016, 28, 1688-1699.	1.1	29

#	Article	IF	Citations
19	Does aging affect the formation of new topographical memories? Evidence from an extensive spatial training. Aging, Neuropsychology, and Cognition, 2017, 24, 29-44.	0.7	27
20	Multimodal Magnetic Resonance Imaging in Alzheimerâ€™s Disease Patients at Prodromal Stage. Journal of Alzheimer's Disease, 2016, 50, 1035-1050.	1.2	26
21	Significant Decrease in Hippocampus and Amygdala Mean Diffusivity in Treatment-Resistant Depression Patients Who Respond to Electroconvulsive Therapy. Frontiers in Psychiatry, 2019, 10, 694.	1.3	26
22	Cognitive maps in imagery neglect. Neuropsychologia, 2012, 50, 904-912.	0.7	25
23	Neural Underpinnings of the Decline of Topographical Memory in Mild Cognitive Impairment. American Journal of Alzheimer's Disease and Other Dementias, 2016, 31, 618-630.	0.9	25
24	Grey Matter changes in treatment-resistant depression during electroconvulsive therapy. Journal of Affective Disorders, 2019, 258, 42-49.	2.0	24
25	Effect of levodopa on both verbal and motor representations of action in Parkinsonâ€™s disease: A fMRI study. Brain and Language, 2013, 125, 324-329.	0.8	22
26	Do you like Arcimboldo's? Esthetic appreciation modulates brain activity in solving perceptual ambiguity. Behavioural Brain Research, 2015, 278, 147-154.	1.2	22
27	Transcranial Electric Stimulation Can Impair Gains during Working Memory Training and Affects the Resting State Connectivity. Frontiers in Human Neuroscience, 2017, 11, 364.	1.0	20
28	Insight on AV-45 binding in white and grey matter from histogram analysis: a study on early Alzheimerâ€™s disease patients and healthy subjects. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 1408-1418.	3.3	19
29	Are morphological and structural MRI characteristics related to specific cognitive impairments in neurofibromatosis type 1 (NF1) children?. European Journal of Paediatric Neurology, 2020, 28, 89-100.	0.7	17
30	Functional and Structural Integrity of Frontoparietal Connectivity in Traumatic and Anoxic Coma. Critical Care Medicine, 2020, 48, e639-e647.	0.4	17
31	Supplementary Motor Area Activation Is Impaired in Severe Traumatic Brain Injury Parkinsonism. Journal of Neurotrauma, 2014, 31, 642-648.	1.7	15
32	A totally data-driven whole-brain multimodal pipeline for the discrimination of Parkinson's disease, multiple system atrophy and healthy control. NeuroImage: Clinical, 2019, 23, 101858.	1.4	15
33	A Case of Logopenic Primary Progressive Aphasia with C9ORF72 Expansion and Cortical Florbetapir Binding. Journal of Alzheimer's Disease, 2014, 42, 413-420.	1.2	14
34	Neuroplasticity and brain reorganization associated with positive outcomes of multidisciplinary rehabilitation in progressive multiple sclerosis: A fMRI study. Multiple Sclerosis and Related Disorders, 2020, 42, 102127.	0.9	13
35	Connectivity of the Human Number Form Area Reveals Development of a Cortical Network for Mathematics. Frontiers in Human Neuroscience, 2018, 12, 465.	1.0	12
36	One's own country and familiar places in the mind's eye: Different topological representations for navigational and non-navigational contents. Neuroscience Letters, 2014, 579, 52-57.	1.0	11

#	Article	IF	Citations
37	Action and Non-Action Oriented Body Representations: Insight from Behavioural and Grey Matter Modifications in Individuals with Lower Limb Amputation. BioMed Research International, 2018, 2018, 1-11.	0.9	11
38	Discriminating between neurofibromatosisâ€1 and typically developing children by means of multimodal MRI and multivariate analyses. Human Brain Mapping, 2019, 40, 3508-3521.	1.9	11
39	Neural modifications in lower limb amputation: an fMRI study on action and non-action oriented body representations. Brain Imaging and Behavior, 2020, 14, 416-425.	1.1	11
40	Intrinsic Cortico-Subcortical Functional Connectivity in Developmental Dyslexia and Developmental Coordination Disorder. Cerebral Cortex Communications, 2020, 1, tgaa011.	0.7	11
41	Interaction between striatal volume and DAT1 polymorphism predicts working memory development during adolescence. Developmental Cognitive Neuroscience, 2018, 30, 191-199.	1.9	10
42	Map-following skills in left and right brain-damaged patients with and without hemineglect. Journal of Clinical and Experimental Neuropsychology, 2012, 34, 1065-1079.	0.8	8
43	Cerebellar grey matter modifications in lower limb amputees not using prosthesis. Scientific Reports, 2018, 8, 370.	1.6	8
44	Visual interpretation of CNN decision-making process using Simulated Brain MRI. , 2021, , .		5
45	Brainâ€age estimation accuracy is significantly increased using multishell freeâ€water reconstruction. Human Brain Mapping, 2022, , .	1.9	5
46	Interhemispheric distribution of amyloid and small vessel disease burden in cerebral amyloid angiopathyâ€related intracerebral hemorrhage. European Journal of Neurology, 2020, 27, 1664-1671.	1.7	2
47	Atypical connectivity in the cortico-striatal network in NF1 children and its relationship with procedural perceptual-motor learning and motor skills. Journal of Neurodevelopmental Disorders, 2022, 14, 15.	1.5	1
48	Brain Morphometry: Parkinsonâ€™s Disease. Neuromethods, 2018, , 267-277.	0.2	0
49	Neurodegenerative Traits Detected via 3D CNNs Trained with Simulated Brain MRI: Prediction Supported by Visualization of Discriminant Voxels. , 2021, , .		0