

Jane Neumann

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

4,934
citations

32
h-index

54
g-index

54
ext. papers

5,536
ext. citations

6.3
avg, IF

5.4
L-index

#	Paper	IF	Citations
53	Involvement of the inferior frontal junction in cognitive control: meta-analyses of switching and Stroop studies. <i>Human Brain Mapping</i> , 2005 , 25, 22-34	5.9	478
52	Striatum and pre-SMA facilitate decision-making under time pressure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 17538-42	11.5	432
51	The extended language network: a meta-analysis of neuroimaging studies on text comprehension. <i>Human Brain Mapping</i> , 2008 , 29, 581-93	5.9	394
50	Genetically determined differences in learning from errors. <i>Science</i> , 2007 , 318, 1642-5	33.3	335
49	Neural correlates of error awareness. <i>NeuroImage</i> , 2007 , 34, 1774-81	7.9	314
48	Cortico-striatal connections predict control over speed and accuracy in perceptual decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 15916-20	11.5	268
47	Neural correlates of Alzheimer's disease and mild cognitive impairment: a systematic and quantitative meta-analysis involving 1351 patients. <i>NeuroImage</i> , 2009 , 47, 1196-206	7.9	239
46	Mapping the depressed brain: a meta-analysis of structural and functional alterations in major depressive disorder. <i>Journal of Affective Disorders</i> , 2012 , 140, 142-8	6.6	236
45	Sexual dimorphism in the human brain: evidence from neuroimaging. <i>Magnetic Resonance Imaging</i> , 2013 , 31, 366-75	3.3	155
44	Dopamine DRD2 polymorphism alters reversal learning and associated neural activity. <i>Journal of Neuroscience</i> , 2009 , 29, 3695-704	6.6	139
43	Neural networks in frontotemporal dementia--a meta-analysis. <i>Neurobiology of Aging</i> , 2008 , 29, 418-26	5.6	132
42	Cortico-subthalamic white matter tract strength predicts interindividual efficacy in stopping a motor response. <i>NeuroImage</i> , 2012 , 60, 370-5	7.9	126
41	Towards a nosology for frontotemporal lobar degenerations-a meta-analysis involving 267 subjects. <i>NeuroImage</i> , 2007 , 36, 497-510	7.9	125
40	Obesity-Related Differences between Women and Men in Brain Structure and Goal-Directed Behavior. <i>Frontiers in Human Neuroscience</i> , 2011 , 5, 58	3.3	110
39	Ultra-high 7T MRI of structural age-related changes of the subthalamic nucleus. <i>Journal of Neuroscience</i> , 2013 , 33, 4896-900	6.6	99
38	Stroop interference, hemodynamic response and aging: an event-related fMRI study. <i>Neurobiology of Aging</i> , 2007 , 28, 937-46	5.6	94
37	Adaptive coding of action values in the human rostral cingulate zone. <i>Journal of Neuroscience</i> , 2009 , 29, 7489-96	6.6	90

36	Direct visualization of the subthalamic nucleus and its iron distribution using high-resolution susceptibility mapping. <i>Human Brain Mapping</i> , 2012 , 33, 2831-42	5.9	86
35	Response inhibition and its relation to multidimensional impulsivity. <i>NeuroImage</i> , 2014 , 103, 241-248	7.9	83
34	Slave to habit? Obesity is associated with decreased behavioural sensitivity to reward devaluation. <i>Appetite</i> , 2015 , 87, 175-83	4.5	79
33	Within-subject variability of BOLD response dynamics. <i>NeuroImage</i> , 2003 , 19, 784-96	7.9	74
32	Meta-analysis of functional imaging data using replicator dynamics. <i>Human Brain Mapping</i> , 2005 , 25, 165-73	5.7	67
31	Conceptualizing neuropsychiatric diseases with multimodal data-driven meta-analyses - the case of behavioral variant frontotemporal dementia. <i>Cortex</i> , 2014 , 57, 22-37	3.8	63
30	The neural substrate of prior information in perceptual decision making: a model-based analysis. <i>Frontiers in Human Neuroscience</i> , 2010 , 4, 40	3.3	63
29	Functional network centrality in obesity: A resting-state and task fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2015 , 233, 331-8	2.9	61
28	Bayesian second-level analysis of functional magnetic resonance images. <i>NeuroImage</i> , 2003 , 20, 1346-55	7.9	60
27	A gradual increase of iron toward the medial-inferior tip of the subthalamic nucleus. <i>Human Brain Mapping</i> , 2014 , 35, 4440-9	5.9	44
26	Combined Imaging Markers Dissociate Alzheimer's Disease and Frontotemporal Lobar Degeneration - An ALE Meta-Analysis. <i>Frontiers in Aging Neuroscience</i> , 2011 , 3, 10	5.3	44
25	Model-based clustering of meta-analytic functional imaging data. <i>Human Brain Mapping</i> , 2008 , 29, 177-93	7.9	43
24	Comparison of variants of canonical correlation analysis and partial least squares for combined analysis of MRI and genetic data. <i>NeuroImage</i> , 2015 , 107, 289-310	7.9	35
23	Continuous theta-burst stimulation (ctBS) over the lateral prefrontal cortex alters reinforcement learning bias. <i>NeuroImage</i> , 2011 , 57, 617-23	7.9	35
22	FDG-PET hypometabolism is more sensitive than MRI atrophy in Parkinson's disease: A whole-brain multimodal imaging meta-analysis. <i>NeuroImage: Clinical</i> , 2019 , 21, 101594	5.3	32
21	Identifying neural correlates of visual consciousness with ALE meta-analyses. <i>NeuroImage</i> , 2015 , 122, 177-87	7.9	30
20	Failing to learn from negative prediction errors: Obesity is associated with alterations in a fundamental neural learning mechanism. <i>Cortex</i> , 2017 , 95, 222-237	3.8	26
19	Brain networks of perceptual decision-making: an fMRI ALE meta-analysis. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 445	3.3	25

18	The subthalamic nucleus during decision-making with multiple alternatives. <i>Human Brain Mapping</i> , 2015 , 36, 4041-4052	5.9	23
17	Disentangling the neural correlates of corticobasal syndrome and corticobasal degeneration with systematic and quantitative ALE meta-analyses. <i>Npj Parkinson's Disease</i> , 2017 , 3, 12	9.7	21
16	Is it Worth the Effort? Novel Insights into Obesity-Associated Alterations in Cost-Benefit Decision-Making. <i>Frontiers in Behavioral Neuroscience</i> , 2015 , 9, 360	3.5	21
15	Altered monetary loss processing and reinforcement-based learning in individuals with obesity. <i>Brain Imaging and Behavior</i> , 2018 , 12, 1431-1449	4.1	19
14	"More is different" in functional magnetic resonance imaging: a review of recent data analysis techniques. <i>Brain Connectivity</i> , 2013 , 3, 223-39	2.7	19
13	Learning partially directed functional networks from meta-analysis imaging data. <i>NeuroImage</i> , 2010 , 49, 1372-84	7.9	18
12	The parcellation of cortical areas using replicator dynamics in fMRI. <i>NeuroImage</i> , 2006 , 32, 208-19	7.9	18
11	Stopping at the sight of food - How gender and obesity impact on response inhibition. <i>Appetite</i> , 2016 , 107, 663-676	4.5	18
10	The role of dopamine in positive and negative prediction error utilization during incidental learning - Insights from Positron Emission Tomography, Parkinson's disease and Huntington's disease. <i>Cortex</i> , 2017 , 90, 149-162	3.8	14
9	Atrophy in midbrain & cerebral/cerebellar pedunculi is characteristic for progressive supranuclear palsy - A double-validation whole-brain meta-analysis. <i>NeuroImage: Clinical</i> , 2019 , 22, 101722	5.3	11
8	Frontomedian cortex is central for moral deficits in behavioural variant frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015 , 86, 700-1	5.5	9
7	Cardiac Concomitants of Feedback and Prediction Error Processing in Reinforcement Learning. <i>Frontiers in Neuroscience</i> , 2017 , 11, 598	5.1	8
6	Parasympathetic cardio-regulation during social interactions in individuals with obesity-The influence of negative body image. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017 , 17, 330-347	3.5	6
5	Hysteresis as an implicit prior in tactile spatial decision making. <i>PLoS ONE</i> , 2014 , 9, e89802	3.7	5
4	Detecting groups of coherent voxels in functional MRI data using spectral analysis and replicator dynamics. <i>Journal of Magnetic Resonance Imaging</i> , 2007 , 26, 1642-50	5.6	5
3	Exploring functional relations between brain regions from fMRI meta-analysis data: comments on Ramsey, Spirtes, and Glymour. <i>NeuroImage</i> , 2011 , 57, 331-3	7.9	3
2	Enhanced Go and NoGo Learning in Individuals With Obesity. <i>Frontiers in Behavioral Neuroscience</i> , 2020 , 14, 15	3.5	0
1	P3-241: Conceptualizing and Individually Predicting Behavioural Variant Frontotemporal Dementia with Meta-Analyses and Pattern Classification of Imaging Data 2016 , 12, P919-P919		

