

# Kay Jann

## List of Publications by Year in Descending Order

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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.

63

papers

1,791

citations

22

h-index

41

g-index

73

ext. papers

2,293

ext. citations

5.1

avg, IF

4.57

L-index

#	Paper	IF	Citations
63	Aberrant functional connectivity between reward and inhibitory control networks in pre-adolescent binge eating disorder.. <i>Psychological Medicine</i> , <b>2022</b> , 1-10	6.9	0
62	Regional gray matter abnormalities in pre-adolescent binge eating disorder: A voxel-based morphometry study.. <i>Psychiatry Research</i> , <b>2022</b> , 310, 114473	9.9	0
61	Multi-vendor and multisite evaluation of cerebrovascular reactivity mapping using hypercapnia challenge. <i>NeuroImage</i> , <b>2021</b> , 245, 118754	7.9	0
60	Laminar perfusion imaging with zoomed arterial spin labeling at 7 Tesla. <i>NeuroImage</i> , <b>2021</b> , 245, 118724	7.9	1
59	Transcranial magnetic stimulation & the conundrum of concurrent patient activity: Does symptom provocation matter?. <i>Psychiatry Research</i> , <b>2021</b> , 305, 114249	9.9	
58	Brain responses to glucose ingestion are greater in children than adults and are associated with overweight and obesity. <i>Obesity</i> , <b>2021</b> , 29, 2081-2088	8	
57	In-vivo imaging of targeting and modulation of depression-relevant circuitry by transcranial direct current stimulation: a randomized clinical trial. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 138	8.6	3
56	Evaluation of Cerebral Blood Flow Measured by 3D PCASL as Biomarker of Vascular Cognitive Impairment and Dementia (VCID) in a Cohort of Elderly Latinx Subjects at Risk of Small Vessel Disease. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 627627	5.1	9
55	Relationships between cerebrovascular health and tau PET uptake are associated with global cognition. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e045326	1.2	
54	Concurrent Imaging of Markers of Current Flow and Neurophysiological Changes During tDCS. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 374	5.1	5
53	Embodiment Is Related to Better Performance on a Brain-Computer Interface in Immersive Virtual Reality: A Pilot Study. <i>Sensors</i> , <b>2020</b> , 20,	3.8	19
52	Associations between Vascular Function and Tau PET Are Associated with Global Cognition and Amyloid. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 8573-8586	6.6	23
51	The effect of stroke on micturition associated brain activity: A pilot fMRI study. <i>Neurourology and Urodynamics</i> , <b>2020</b> , 39, 2198-2205	2.3	1
50	Comparison Between Blood-Brain Barrier Water Exchange Rate and Permeability to Gadolinium-Based Contrast Agent in an Elderly Cohort. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 571480	5.1	12
49	Characterization of lenticulostriate arteries with high resolution black-blood T1-weighted turbo spin echo with variable flip angles at 3 and 7 Tesla. <i>NeuroImage</i> , <b>2019</b> , 199, 184-193	7.9	11
48	Differences in high-definition transcranial direct current stimulation over the motor hotspot versus the premotor cortex on motor network excitability. <i>Scientific Reports</i> , <b>2019</b> , 9, 17605	4.9	9
47	Clinical 7 T MRI: Are we there yet? A review about magnetic resonance imaging at ultra-high field. <i>British Journal of Radiology</i> , <b>2019</b> , 92, 20180492	3.4	32

46	Regional association of pCASL-MRI with FDG-PET and PiB-PET in people at risk for autosomal dominant Alzheimer's disease. <i>NeuroImage: Clinical</i> , <b>2018</b> , 17, 751-760	5.3	12
45	Thirst-Dependent Activity of the Insular Cortex Reflects its Emotion-Related Subdivision: A Cerebral Blood Flow Study. <i>Neuroscience</i> , <b>2018</b> , 383, 170-177	3.9	3
44	Neurophysiological Basis of Multi-Scale Entropy of Brain Complexity and Its Relationship With Functional Connectivity. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 352	5.1	51
43	Imbalance of Functional Connectivity and Temporal Entropy in Resting-State Networks in Autism Spectrum Disorder: A Machine Learning Approach. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 869	5.1	8
42	Default Mode Network Complexity and Cognitive Decline in Mild Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 770	5.1	41
41	Cerebral Hemodynamic and White Matter Changes of Type 2 Diabetes Revealed by Multi-TI Arterial Spin Labeling and Double Inversion Recovery Sequence. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 717	4.1	17
40	Implication of cerebral circulation time in intracranial stenosis measured by digital subtraction angiography on cerebral blood flow estimation measured by arterial spin labeling. <i>Diagnostic and Interventional Radiology</i> , <b>2016</b> , 22, 481-8	3.2	6
39	Prestimulus default mode activity influences depth of processing and recognition in an emotional memory task. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 924-32	5.9	9
38	Noise Reduction in Arterial Spin Labeling Based Functional Connectivity Using Nuisance Variables. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 371	5.1	5
37	In-vivo Imaging of Magnetic Fields Induced by Transcranial Direct Current Stimulation (tDCS) in Human Brain using MRI. <i>Scientific Reports</i> , <b>2016</b> , 6, 34385	4.9	41
36	Developmental trajectories of cerebral blood flow and oxidative metabolism at baseline and during working memory tasks. <i>NeuroImage</i> , <b>2016</b> , 134, 587-596	7.9	10
35	Characterizing Resting-State Brain Function Using Arterial Spin Labeling. <i>Brain Connectivity</i> , <b>2015</b> , 5, 527-42	2.7	49
34	Rivalry of homeostatic and sensory-evoked emotions: Dehydration attenuates olfactory disgust and its neural correlates. <i>NeuroImage</i> , <b>2015</b> , 114, 120-7	7.9	12
33	Static and dynamic characteristics of cerebral blood flow during the resting state in schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2015</b> , 41, 163-70	1.3	61
32	Altered resting perfusion and functional connectivity of default mode network in youth with autism spectrum disorder. <i>Brain and Behavior</i> , <b>2015</b> , 5, e00358	3.4	46
31	The pediatric template of brain perfusion. <i>Scientific Data</i> , <b>2015</b> , 2, 150003	8.2	40
30	Wavelet-based regularity analysis reveals recurrent spatiotemporal behavior in resting-state fMRI. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 3603-20	5.9	13
29	Discovering frequency sensitive thalamic nuclei from EEG microstate informed resting state fMRI. <i>NeuroImage</i> , <b>2015</b> , 118, 368-75	7.9	22

28	Integrating Different Aspects of Resting Brain Activity: A Review of Electroencephalographic Signatures in Resting State Networks Derived from Functional Magnetic Resonance Imaging. <i>Neuropsychobiology</i> , <b>2015</b> , 71, 6-16	4	11
27	Functional connectivity in BOLD and CBF data: similarity and reliability of resting brain networks. <i>NeuroImage</i> , <b>2015</b> , 106, 111-22	7.9	71
26	Repeatability analysis of global and local metrics of brain structural networks. <i>Brain Connectivity</i> , <b>2014</b> , 4, 203-20	2.7	15
25	Validation of network communicability metrics for the analysis of brain structural networks. <i>PLoS ONE</i> , <b>2014</b> , 9, e115503	3.7	20
24	Cognitive and emotional effects of carotid stenosis. <i>Swiss Medical Weekly</i> , <b>2014</b> , 144, w13970	3.1	11
23	Widespread grey matter changes and hemodynamic correlates to interictal epileptiform discharges in pharmacoresistant mesial temporal epilepsy. <i>Journal of Neurology</i> , <b>2013</b> , 260, 1601-10	5.5	14
22	Reduced neuronal activity in language-related regions after transcranial magnetic stimulation therapy for auditory verbal hallucinations. <i>Biological Psychiatry</i> , <b>2013</b> , 73, 518-24	7.9	73
21	Common mechanisms of auditory hallucinations-perfusion studies in epilepsy. <i>Psychiatry Research - Neuroimaging</i> , <b>2013</b> , 211, 268-70	2.9	12
20	EEG microstates associated with salience and frontoparietal networks in frontotemporal dementia, schizophrenia and Alzheimer's disease. <i>Clinical Neurophysiology</i> , <b>2013</b> , 124, 1106-14	4.3	131
19	Quantification of network perfusion in ASL cerebral blood flow data with seed based and ICA approaches. <i>Brain Topography</i> , <b>2013</b> , 26, 569-80	4.3	17
18	Evidence for a cognitive control network for goal-directed attention in simple sustained attention. <i>Brain and Cognition</i> , <b>2013</b> , 81, 193-202	2.7	15
17	Epileptogenic developmental venous anomaly: insights from simultaneous EEG/fMRI. <i>Clinical EEG and Neuroscience</i> , <b>2013</b> , 44, 157-60	2.3	8
16	Correlation between topographic N400 anomalies and reduced cerebral blood flow in the anterior temporal lobes of patients with dementia. <i>Journal of Alzheimer's Disease</i> , <b>2013</b> , 36, 711-31	4.3	19
15	Alterations of white matter integrity related to the season of birth in schizophrenia: a DTI study. <i>PLoS ONE</i> , <b>2013</b> , 8, e75508	3.7	10
14	Shifted coupling of EEG driving frequencies and fMRI resting state networks in schizophrenia spectrum disorders. <i>PLoS ONE</i> , <b>2013</b> , 8, e76604	3.7	24
13	Increased phase synchronization during continuous face integration measured simultaneously with EEG and fMRI. <i>Clinical Neurophysiology</i> , <b>2012</b> , 123, 1536-48	4.3	19
12	The link between visual exploration and neuronal activity: a multi-modal study combining eye tracking, functional magnetic resonance imaging and transcranial magnetic stimulation. <i>NeuroImage</i> , <b>2012</b> , 59, 3652-61	7.9	6
11	Theta burst TMS increases cerebral blood flow in the primary motor cortex during motor performance as assessed by arterial spin labeling (ASL). <i>NeuroImage</i> , <b>2012</b> , 61, 599-605	7.9	25

10	Localizing seizure-onset zones in presurgical evaluation of drug-resistant epilepsy by electroencephalography/fMRI: effectiveness of alternative thresholding strategies. <i>American Journal of Neuroradiology</i> , <b>2012</b> , 33, 1818-24	4.4	14
9	Linking brain connectivity across different time scales with electroencephalogram, functional magnetic resonance imaging, and diffusion tensor imaging. <i>Brain Connectivity</i> , <b>2012</b> , 2, 11-20	2.7	30
8	Reduced cerebral blood flow within the default-mode network and within total gray matter in major depression. <i>Brain Connectivity</i> , <b>2012</b> , 2, 303-10	2.7	36
7	Semantic network disconnection in formal thought disorder. <i>Neuropsychobiology</i> , <b>2012</b> , 66, 14-23	4	33
6	Semantic memory involvement in the default mode network: a functional neuroimaging study using independent component analysis. <i>NeuroImage</i> , <b>2011</b> , 54, 3057-66	7.9	104
5	Topographic electrophysiological signatures of fMRI Resting State Networks. <i>PLoS ONE</i> , <b>2010</b> , 5, e12945.7	5.7	117
4	Association of individual resting state EEG alpha frequency and cerebral blood flow. <i>NeuroImage</i> , <b>2010</b> , 51, 365-72	7.9	101
3	BOLD correlates of EEG alpha phase-locking and the fMRI default mode network. <i>NeuroImage</i> , <b>2009</b> , 45, 903-16	7.9	211
2	Failure to modulate neural response to increased task demand in mild Alzheimer's disease: fMRI study of visuospatial processing. <i>Neurobiology of Disease</i> , <b>2008</b> , 31, 287-97	7.5	22
1	BOLD correlates of continuously fluctuating epileptic activity isolated by independent component analysis. <i>NeuroImage</i> , <b>2008</b> , 42, 635-48	7.9	43