

# Juha Nikkinen

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

2,751  
citations

249298

26  
h-index

232693

48  
g-index

53  
all docs

53  
docs citations

53  
times ranked

5000  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological instability is linked to mortality in primary central nervous system lymphoma: A caseâ€“control <sc>fMRI</sc> study. Human Brain Mapping, 2022, 43, 4030-4044.	1.9	3
2	Prenatal exposure to maternal cigarette smoking and structural properties of the human corpus callosum. NeuroImage, 2020, 209, 116477.	2.1	6
3	A Deep Learning-Based Automated CT Segmentation of Prostate Cancer Anatomy for Radiation Therapy Planning-A Retrospective Multicenter Study. Diagnostics, 2020, 10, 959.	1.3	33
4	Cerebral haemodynamic effects in the human brain during radiation therapy for brain cancer. , 2020, , .		3
5	Brain response to facial expressions in adults with adolescent ADHD. Psychiatry Research - Neuroimaging, 2019, 292, 54-61.	0.9	4
6	Cerebellar white matter in young adults with a familial risk for psychosis. Psychiatry Research - Neuroimaging, 2019, 287, 41-48.	0.9	0
7	COMPARISON OF ORGAN-BASED TUBE CURRENT MODULATION AND BISMUTH SHIELDING IN CHEST CT: EFFECT ON THE IMAGE QUALITY AND THE PATIENT DOSE. Radiation Protection Dosimetry, 2019, 185, 42-48.	0.4	6
8	Maternal prepregnancy body mass index and offspring white matter microstructure: results from three birth cohorts. International Journal of Obesity, 2019, 43, 1995-2006.	1.6	20
9	Fluctuations of the EEGâ€“fMRI correlation reflect intrinsic strength of functional connectivity in default mode network. Journal of Neuroscience Research, 2018, 96, 1689-1698.	1.3	21
10	Structural properties of the human corpus callosum: Multimodal assessment and sex differences. NeuroImage, 2017, 152, 108-118.	2.1	62
11	Real-time monitoring of human blood-brain barrier disruption. PLoS ONE, 2017, 12, e0174072.	1.1	45
12	Body mass index and brain white matter structure in young adults at risk for psychosis â€“ The Oulu Brain and Mind Study. Psychiatry Research - Neuroimaging, 2016, 254, 169-176.	0.9	13
13	Brain structural changes in women and men during midlife. Neuroscience Letters, 2016, 615, 107-112.	1.0	15
14	Attention and Working Memory in Adolescents with Autism Spectrum Disorder: A Functional MRI Study. Child Psychiatry and Human Development, 2016, 47, 503-517.	1.1	18
15	Brain structural deficits and working memory fMRI dysfunction in young adults who were diagnosed with ADHD in adolescence. European Child and Adolescent Psychiatry, 2016, 25, 529-538.	2.8	30
16	Reading, listening and memory-related brain activity in children with early-stage temporal lobe epilepsy of unknown cause-an fMRI study. European Journal of Paediatric Neurology, 2015, 19, 561-571.	0.7	6
17	Central executive network in young people with familial risk for psychosis â€“ The Oulu Brain and Mind Study. Schizophrenia Research, 2015, 161, 177-183.	1.1	11
18	Aberrant Functional Connectivity in the Default Mode and Central Executive Networks in Subjects with Schizophrenia -â€“ A Whole-Brain Resting-State ICA Study. Frontiers in Psychiatry, 2015, 6, 26.	1.3	51

#	ARTICLE	IF	CITATIONS
19	Longitudinal regional brain volume loss in schizophrenia: Relationship to antipsychotic medication and change in social function. <i>Schizophrenia Research</i> , 2015, 168, 297-304.	1.1	56
20	Functional mapping of dynamic happy and fearful facial expressions in young adults with familial risk for psychosis â€” Oulu Brain and Mind Study. <i>Schizophrenia Research</i> , 2015, 164, 242-249.	1.1	16
21	Cerebellar activity in young people with familial risk for psychosis â€” The Oulu Brain and Mind Study. <i>Schizophrenia Research</i> , 2015, 169, 46-53.	1.1	7
22	White matter structure in young adults with familial risk for psychosis â€” The Oulu Brain and Mind Study. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 388-393.	0.9	8
23	DTI abnormalities in adults with past history of attention deficit hyperactivity disorder: a tract-based spatial statistics study. <i>Acta Radiologica</i> , 2015, 56, 990-996.	0.5	13
24	Altered resting-state activity in seasonal affective disorder. <i>Human Brain Mapping</i> , 2014, 35, 161-172.	1.9	30
25	Infra-Slow EEG Fluctuations Are Correlated with Resting-State Network Dynamics in fMRI. <i>Journal of Neuroscience</i> , 2014, 34, 356-362.	1.7	181
26	Synchronous Multiscale Neuroimaging Environment for Critically Sampled Physiological Analysis of Brain Function: Hepta-Scan Concept. <i>Brain Connectivity</i> , 2014, 4, 677-689.	0.8	53
27	Brain structure in different psychosis risk groups in the Northern Finland 1986 Birth Cohort. <i>Schizophrenia Research</i> , 2014, 153, 143-149.	1.1	17
28	Longitudinal Changes in Total Brain Volume in Schizophrenia: Relation to Symptom Severity, Cognition and Antipsychotic Medication. <i>PLoS ONE</i> , 2014, 9, e101689.	1.1	92
29	Default mode network in young people with familial risk for psychosis â€” The Oulu Brain and Mind Study. <i>Schizophrenia Research</i> , 2013, 143, 239-245.	1.1	19
30	On applicability of PCA, voxel-wise variance normalization and dimensionality assumptions for sliding temporal window sICA in resting-state fMRI. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1338-1348.	1.0	2
31	GroupICA dual regression analysis of resting state networks in a behavioral variant of frontotemporal dementia. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 461.	1.0	62
32	Resting state fMRI reveals a default mode dissociation between retrosplenial and medial prefrontal subnetworks in ASD despite motion scrubbing. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 802.	1.0	73
33	Valence Scaling of Dynamic Facial Expressions is Altered in High-Functioning Subjects with Autism Spectrum Disorders: an fMRI Study. <i>Journal of Autism and Developmental Disorders</i> , 2012, 42, 1011-1024.	1.7	23
34	Connectivity disruptions in resting-state functional brain networks in children with temporal lobe epilepsy. <i>Epilepsy Research</i> , 2012, 100, 168-178.	0.8	47
35	Effects of repeatability measures on results of fMRI sICA: A study on simulated and real resting-state effects. <i>NeuroImage</i> , 2011, 56, 554-569.	2.1	29
36	A Sliding Time-Window ICA Reveals Spatial Variability of the Default Mode Network in Time. <i>Brain Connectivity</i> , 2011, 1, 339-347.	0.8	251

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37	Group-ICA Model Order Highlights Patterns of Functional Brain Connectivity. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 37.	1.2	113
38	Instrumentation and method for measuring NIR light absorbed in tissue during MR imaging in medical NIRS measurements. , 2011, , .		1
39	Alterations in regional homogeneity of baseline brain activity in pediatric temporal lobe epilepsy. <i>Brain Research</i> , 2011, 1373, 221-229.	1.1	75
40	Fibre optic sensor for noninvasive monitoring of blood pressure during MRI scanning. <i>Journal of Biophotonics</i> , 2011, 4, 98-107.	1.1	30
41	Directional connectivity of resting state human fMRI data using cascaded ICA-PDC analysis. <i>Acta Radiologica</i> , 2011, 52, 1037-1042.	0.5	9
42	White matter in autism spectrum disorders – evidence of impaired fiber formation. <i>Acta Radiologica</i> , 2011, 52, 1169-1174.	0.5	46
43	Instrumentation and method for measuring NIR light absorbed in tissue during MR imaging in medical NIRS measurements. , 2011, , .		0
44	The effect of model order selection in group PICA. <i>Human Brain Mapping</i> , 2010, 31, 1207-1216.	1.9	324
45	Functional Mapping of Dynamic Happy and Fearful Facial Expression Processing in Adolescents. <i>Brain Imaging and Behavior</i> , 2010, 4, 164-176.	1.1	39
46	Alterations in regional homogeneity of resting-state brain activity in autism spectrum disorders. <i>Brain Research</i> , 2010, 1321, 169-179.	1.1	252
47	Correction of low-frequency physiological noise from the resting state BOLD fMRI – Effect on ICA default mode analysis at 1.5 T. <i>Journal of Neuroscience Methods</i> , 2010, 186, 179-185.	1.3	29
48	Age-related differences in functional nodes of the brain cortex - a high model order group ICA study. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	1.2	32
49	Mapping transient hyperventilation induced alterations with estimates of the multi-scale dynamics of BOLD signal.. <i>Frontiers in Neuroinformatics</i> , 2009, 3, 18.	1.3	15
50	Functional segmentation of the brain cortex using high model order group PICA. <i>Human Brain Mapping</i> , 2009, 30, 3865-3886.	1.9	343
51	Preoperative localization of the sensorimotor area using independent component analysis of resting-state fMRI. <i>Magnetic Resonance Imaging</i> , 2009, 27, 733-740.	1.0	110
52	MRI-compatible noninvasive continuous blood pressure measurement using fiber optics. , 2009, , .		0
53	Normal Auger spectra of Br in alkali bromide molecules. <i>Journal of Chemical Physics</i> , 2004, 121, 8246.	1.2	7