

Jonas Persson

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,318
citations

218677

26
h-index

155660

55
g-index

65
all docs

65
docs citations

65
times ranked

4721
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure-Function Correlates of Cognitive Decline in Aging. <i>Cerebral Cortex</i> , 2006, 16, 907-915.	2.9	404
2	Age Differences in Deactivation: A Link to Cognitive Control?. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1021-1032.	2.3	294
3	Longitudinal evidence for diminished frontal cortex function in aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22682-22686.	7.1	241
4	Common prefrontal activations during working memory, episodic memory, and semantic memory. <i>Neuropsychologia</i> , 2003, 41, 371-377.	1.6	215
5	Longitudinal Structure-Function Correlates in Elderly Reveal MTL Dysfunction with Cognitive Decline. <i>Cerebral Cortex</i> , 2012, 22, 2297-2304.	2.9	138
6	Reduced functional brain activity response in cognitively intact apolipoprotein E ϵ 4 carriers. <i>Brain</i> , 2006, 129, 1240-1248.	7.6	133
7	Selection requirements during verb generation: differential recruitment in older and younger adults. <i>NeuroImage</i> , 2004, 23, 1382-1390.	4.2	129
8	Reduced hippocampal volume in non-demented carriers of the apolipoprotein E ϵ 4: Relation to chronological age and recognition memory. <i>Neuroscience Letters</i> , 2006, 396, 23-27.	2.1	112
9	Grammar predicts procedural learning and consolidation deficits in children with Specific Language Impairment. <i>Research in Developmental Disabilities</i> , 2011, 32, 2362-2375.	2.2	111
10	Brain Characteristics of Individuals Resisting Age-Related Cognitive Decline over Two Decades. <i>Journal of Neuroscience</i> , 2013, 33, 8668-8677.	3.6	105
11	Longitudinal assessment of default-mode brain function in aging. <i>Neurobiology of Aging</i> , 2014, 35, 2107-2117.	3.1	94
12	Cognitive fatigue of executive processes: Interaction between interference resolution tasks. <i>Neuropsychologia</i> , 2007, 45, 1571-1579.	1.6	91
13	Local brain atrophy accounts for functional activity differences in normal aging. <i>Neurobiology of Aging</i> , 2012, 33, 623.e1-623.e13.	3.1	83
14	Mapping interference resolution across task domains: A shared control process in left inferior frontal gyrus. <i>Brain Research</i> , 2009, 1256, 92-100.	2.2	81
15	Age-related and Genetic Modulation of Frontal Cortex Efficiency. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 746-754.	2.3	70
16	Sex differences in volume and structural covariance of the anterior and posterior hippocampus. <i>NeuroImage</i> , 2014, 99, 215-225.	4.2	68
17	Altered brain activity in healthy seniors: what does it mean?. <i>Progress in Brain Research</i> , 2006, 157, 45-385.	1.4	64
18	Remembering our origin: Gender differences in spatial memory are reflected in gender differences in hippocampal lateralization. <i>Behavioural Brain Research</i> , 2013, 256, 219-228.	2.2	64

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19	Context-dependent switching between proactive and reactive working memory control mechanisms in the right inferior frontal gyrus. <i>NeuroImage</i> , 2012, 63, 1552-1560.	4.2	52
20	Impaired implicit sequence learning in children with developmental dyslexia. <i>Research in Developmental Disabilities</i> , 2013, 34, 3924-3935.	2.2	51
21	Preserved hippocampus activation in normal aging as revealed by fMRI. <i>Hippocampus</i> , 2011, 21, 753-766.	1.9	50
22	Imaging Fatigue of Interference Control Reveals the Neural Basis of Executive Resource Depletion. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 338-351.	2.3	46
23	The memory-enhancing effects of Ginseng and Ginkgo biloba in healthy volunteers. <i>Psychopharmacology</i> , 2004, 172, 430-434.	3.1	45
24	Conjunction analysis of cortical activations common to encoding and retrieval. <i>Microscopy Research and Technique</i> , 2000, 51, 39-44.	2.2	40
25	Predicting episodic and spatial memory performance from hippocampal resting-state functional connectivity: Evidence for an anterior-posterior division of function. <i>Hippocampus</i> , 2018, 28, 53-66.	1.9	35
26	Higher Striatal Iron Concentration is Linked to Frontostriatal Underactivation and Poorer Memory in Normal Aging. <i>Cerebral Cortex</i> , 2017, 27, 3427-3436.	2.9	33
27	Genetics and Functional Imaging: Effects of APOE, BDNF, COMT, and KIBRA in Aging. <i>Neuropsychology Review</i> , 2015, 25, 47-62.	4.9	29
28	Age-related alterations in functional connectivity patterns during working memory encoding of emotional items. <i>Neuropsychologia</i> , 2017, 94, 1-12.	1.6	29
29	Structural whole-brain covariance of the anterior and posterior hippocampus: Associations with age and memory. <i>Hippocampus</i> , 2018, 28, 151-163.	1.9	27
30	Hippocampal hemispheric and long-axis differentiation of stimulus content during episodic memory encoding and retrieval: An activation likelihood estimation meta-analysis. <i>Hippocampus</i> , 2015, 25, 1614-1631.	1.9	25
31	Influences of a DRD2 polymorphism on updating of long-term memory representations and caudate BOLD activity: Magnification in aging. <i>Human Brain Mapping</i> , 2015, 36, 1325-1334.	3.6	25
32	Additive genetic effect of APOE and BDNF on hippocampus activity. <i>NeuroImage</i> , 2014, 89, 306-313.	4.2	24
33	Brain systems underlying attentional control and emotional distraction during working memory encoding. <i>NeuroImage</i> , 2014, 87, 276-286.	4.2	22
34	Elevated neuroinflammation contributes to the deleterious impact of iron overload on brain function in aging. <i>NeuroImage</i> , 2021, 230, 117792.	4.2	20
35	Differential Effects of Encoding Instructions on Brain Activity Patterns of Item and Associative Memory. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 545-559.	2.3	16
36	Age differences in brain systems supporting transient and sustained processes involved in prospective memory and working memory. <i>NeuroImage</i> , 2016, 125, 745-755.	4.2	15

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37	Amygdala functional network during recognition of own-age vs. other-age faces in younger and older adults. <i>Neuropsychologia</i> , 2019, 129, 10-20.	1.6	15
38	Medial temporal lobe resection attenuates superior temporal sulcus response to faces. <i>Neuropsychologia</i> , 2014, 61, 291-298.	1.6	14
39	Midlife memory ability accounts for brain activity differences in healthy aging. <i>Neurobiology of Aging</i> , 2014, 35, 2495-2503.	3.1	14
40	Apolipoprotein E ϵ 4 is positively related to spatial performance but unrelated to hippocampal volume in healthy young adults. <i>Behavioural Brain Research</i> , 2016, 299, 11-18.	2.2	14
41	Longitudinal, bidirectional relationships of insomnia symptoms and musculoskeletal pain across adolescence: the mediating role of mood. <i>Pain</i> , 2022, 163, 287-298.	4.2	13
42	Probiotic Mixture Containing <i>Lactobacillus helveticus</i> , <i>Bifidobacterium longum</i> and <i>Lactiplantibacillus plantarum</i> Affects Brain Responses to an Arithmetic Stress Task in Healthy Subjects: A Randomised Clinical Trial and Proof-of-Concept Study. <i>Nutrients</i> , 2022, 14, 1329.	4.1	13
43	Age-differences in the temporal properties of proactive interference in working memory.. <i>Psychology and Aging</i> , 2017, 32, 722-731.	1.6	12
44	Interference Control in Working Memory Is Associated with Ventrolateral Prefrontal Cortex Volume. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1491-1505.	2.3	11
45	Hippocampal Brain Volume Is Associated with Faster Facial Emotion Identification in Older Adults: Preliminary Results. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 203.	3.4	10
46	Age differences in the neural response to emotional distraction during working memory encoding. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 869-883.	2.0	10
47	Phosphodiesterase 10A levels are related to striatal function in schizophrenia: a combined positron emission tomography and functional magnetic resonance imaging study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 451-459.	3.2	10
48	Response rate and subjective memory after electroconvulsive therapy in depressive disorders with psychiatric comorbidity. <i>Journal of Affective Disorders</i> , 2021, 292, 276-283.	4.1	10
49	Influence of the DRD2/ANKK1 Taq1A polymorphism on caudate volume in older adults without dementia. <i>Brain Structure and Function</i> , 2018, 223, 2653-2662.	2.3	9
50	White-Matter Integrity and Working Memory: Links to Aging and Dopamine-Related Genes. <i>ENeuro</i> , 2022, 9, ENEURO.0413-21.2022.	1.9	9
51	Probiotic Mixture Containing <i>Lactobacillus helveticus</i> , <i>Bifidobacterium longum</i> and <i>Lactiplantibacillus plantarum</i> Affects Brain Responses Toward an Emotional Task in Healthy Subjects: A Randomized Clinical Trial. <i>Frontiers in Nutrition</i> , 2022, 9, 827182.	3.7	9
52	Superior cognitive goal maintenance in carriers of genetic markers linked to reduced striatal D2 receptor density (C957T and DRD2/ANKK1-TaqIA). <i>PLoS ONE</i> , 2018, 13, e0201837.	2.5	8
53	The relationship of age and DRD2 polymorphisms to frontostriatal brain activity and working memory performance. <i>Neurobiology of Aging</i> , 2019, 84, 189-199.	3.1	8
54	Behavioral facilitation and increased brain responses from a high interference working memory context. <i>Scientific Reports</i> , 2018, 8, 15308.	3.3	7

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55	Sleep phase and pre-sleep arousal predicted co-developmental trajectories of pain and insomnia within adolescence. <i>Scientific Reports</i> , 2022, 12, 4480.	3.3	7
56	Proactive interference in working memory is related to adult age and cognitive factors: cross-sectional and longitudinal evidence from the Betula study. <i>Aging, Neuropsychology, and Cognition</i> , 2021, 28, 108-127.	1.3	6
57	The association between control of interference and white-matter integrity: A cross-sectional and longitudinal investigation. <i>Neurobiology of Aging</i> , 2022, 114, 49-60.	3.1	6
58	A positive influence of basal ganglia iron concentration on implicit sequence learning. <i>Brain Structure and Function</i> , 2020, 225, 735-749.	2.3	5
59	Neural correlates of sequence learning in children with developmental dyslexia. <i>Human Brain Mapping</i> , 2022, , .	3.6	5
60	Monitoring Multiple Deadlines Relies on Spatial Processing in Posterior Parietal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1468-1483.	2.3	4
61	Automatic and effortful control of interference in working memory can be distinguished by unique behavioral and functional brain representations. <i>NeuroImage</i> , 2022, 253, 119098.	4.2	3
62	The Causal Role of Right Frontopolar Cortex in Moral Judgment, Negative Emotion Induction, and Executive Control. <i>Basic and Clinical Neuroscience</i> , 2019, 10, 37-48.	0.6	2
63	Neural correlates of affective empathy in aging: A multimodal imaging and multivariate approach. <i>Aging, Neuropsychology, and Cognition</i> , 2022, 29, 577-598.	1.3	2
64	Hippocampal and motor regions contribute to memory benefits after enacted encoding: cross-sectional and longitudinal evidence. <i>Cerebral Cortex</i> , 2023, 33, 3080-3097.	2.9	1
65	Herbal extracts and memory enhancement: response to Scholey et al.. <i>Psychopharmacology</i> , 2005, 179, 708-709.	3.1	0