

Jetro J Tuulari

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,884
citations

331538

21
h-index

289141

40
g-index

62
all docs

62
docs citations

62
times ranked

2496
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity Is Associated with Decreased μ -Opioid But Unaltered Dopamine D ₂ Receptor Availability in the Brain. <i>Journal of Neuroscience</i> , 2015, 35, 3959-3965.	1.7	178
2	Cohort Profile: The FinnBrain Birth Cohort Study (FinnBrain). <i>International Journal of Epidemiology</i> , 2018, 47, 15-16j.	0.9	173
3	Affective and non-affective touch evoke differential brain responses in 2-month-old infants. <i>NeuroImage</i> , 2018, 169, 162-171.	2.1	111
4	Obesity is associated with white matter atrophy: A combined diffusion tensor imaging and voxel-based morphometric study. <i>Obesity</i> , 2013, 21, 2530-2537.	1.5	108
5	Neural correlates of gentle skin stroking in early infancy. <i>Developmental Cognitive Neuroscience</i> , 2019, 35, 36-41.	1.9	102
6	The Effects of Bariatric Surgery on Pancreatic Lipid Metabolism and Blood Flow. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2015-2023.	1.8	86
7	Opioid Release after High-Intensity Interval Training in Healthy Human Subjects. <i>Neuropsychopharmacology</i> , 2018, 43, 246-254.	2.8	83
8	Bariatric Surgery Induces White and Grey Matter Density Recovery in the Morbidly Obese: A Voxel-Based Morphometric Study. <i>Human Brain Mapping</i> , 2016, 37, 3745-3756.	1.9	77
9	Weight loss after bariatric surgery normalizes brain opioid receptors in morbid obesity. <i>Molecular Psychiatry</i> , 2016, 21, 1057-1062.	4.1	76
10	μ -opioid receptor system mediates reward processing in humans. <i>Nature Communications</i> , 2018, 9, 1500.	5.8	76
11	Neural Circuits for Cognitive Appetite Control in Healthy and Obese Individuals: An fMRI Study. <i>PLoS ONE</i> , 2015, 10, e0116640.	1.1	74
12	Feeding Releases Endogenous Opioids in Humans. <i>Journal of Neuroscience</i> , 2017, 37, 8284-8291.	1.7	64
13	Aberrant mesolimbic dopamine-opiate interaction in obesity. <i>NeuroImage</i> , 2015, 122, 80-86.	2.1	61
14	Weight Loss After Bariatric Surgery Reverses Insulin-Induced Increases in Brain Glucose Metabolism of the Morbidly Obese. <i>Diabetes</i> , 2013, 62, 2747-2751.	0.3	53
15	Maternal Pregnancy-Related Anxiety Is Associated With Sexually Dimorphic Alterations in Amygdala Volume in 4-Year-Old Children. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 175.	1.0	46
16	Associations of age and sex with brain volumes and asymmetry in 5-week-old infants. <i>Brain Structure and Function</i> , 2019, 224, 501-513.	1.2	44
17	Prenatal exposures and infant brain: Review of magnetic resonance imaging studies and a population description analysis. <i>Human Brain Mapping</i> , 2019, 40, 1987-2000.	1.9	42
18	Infant and Child MRI: A Review of Scanning Procedures. <i>Frontiers in Neuroscience</i> , 2021, 15, 666020.	1.4	38

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19	Test-retest reliability of Diffusion Tensor Imaging metrics in neonates. <i>NeuroImage</i> , 2019, 197, 598-607.	2.1	31
20	Prevalence and Risk Factors of Incidental Findings in Brain MRIs of Healthy Neonatesâ€”The FinnBrain Birth Cohort Study. <i>Frontiers in Neurology</i> , 2019, 10, 1347.	1.1	30
21	Fatty acid uptake and blood flow in adipose tissue compartments of morbidly obese subjects with or without type 2 diabetes: effects of bariatric surgery. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E175-E182.	1.8	26
22	A Novel Approach for Manual Segmentation of the Amygdala and Hippocampus in Neonate MRI. <i>Frontiers in Neuroscience</i> , 2019, 13, 1025.	1.4	25
23	Newborn amygdalar volumes are associated with maternal prenatal psychological distress in a sex-dependent way. <i>NeuroImage: Clinical</i> , 2020, 28, 102380.	1.4	25
24	Aerobic exercise modulates anticipatory reward processing via the Î¼-opioid receptor system. <i>Human Brain Mapping</i> , 2018, 39, 3972-3983.	1.9	24
25	Identification of NCAN as a candidate gene for developmental dyslexia. <i>Scientific Reports</i> , 2017, 7, 9294.	1.6	15
26	Newborn white matter microstructure moderates the association between maternal postpartum depressive symptoms and infant negative reactivity. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 649-660.	1.5	15
27	Resting-state networks of the neonate brain identified using independent component analysis. <i>Developmental Neurobiology</i> , 2020, 80, 111-125.	1.5	15
28	Walking Speed and Brain Glucose Uptake are Uncoupled in Patients with Multiple Sclerosis. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 84.	1.0	14
29	Association of Cumulative Paternal Early Life Stress With White Matter Maturation in Newborns. <i>JAMA Network Open</i> , 2020, 3, e2024832.	2.8	14
30	Newborn left amygdala volume associates with attention disengagement from fearful faces at eight months. <i>Developmental Cognitive Neuroscience</i> , 2020, 45, 100839.	1.9	13
31	Emotional Processing in the First 2 Years of Life: A Review of Near-Infrared Spectroscopy Studies. <i>Journal of Neuroimaging</i> , 2018, 28, 441-454.	1.0	11
32	Prenatal maternal depressive symptoms are associated with smaller amygdalar volumes of four-year-old children. <i>Psychiatry Research - Neuroimaging</i> , 2020, 304, 111153.	0.9	11
33	Hemodynamic responses to emotional speech in two-month-old infants imaged using diffuse optical tomography. <i>Scientific Reports</i> , 2019, 9, 4745.	1.6	10
34	Sex-specific association between infant caudate volumes and a polygenic risk score for major depressive disorder. <i>Journal of Neuroscience Research</i> , 2020, 98, 2529-2540.	1.3	10
35	Maternal sleep quality during pregnancy is associated with neonatal auditory ERPs. <i>Scientific Reports</i> , 2020, 10, 7228.	1.6	10
36	Relationship between maternal pregnancy-related anxiety and infant brain responses to emotional speech â€” a pilot study. <i>Journal of Affective Disorders</i> , 2020, 262, 62-70.	2.0	8

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37	Feasibility of FreeSurfer Processing for T1-Weighted Brain Images of 5-Year-Olds: Semiautomated Protocol of FinnBrain Neuroimaging Lab. <i>Frontiers in Neuroscience</i> , 2022, 16, 874062.	1.4	8
38	Bariatric surgery normalizes brain opioid receptors. <i>Molecular Psychiatry</i> , 2016, 21, 989-989.	4.1	7
39	Subcortical and hippocampal brain segmentation in 5-year-old children: Validation of FSL-FIRST and FreeSurfer against manual segmentation. <i>European Journal of Neuroscience</i> , 2022, 56, 4619-4641.	1.2	7
40	Brown adipose and central nervous system glucose uptake is lower during cold exposure in older compared to young men: a preliminary PET study. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 557-560.	1.4	6
41	A variation in the infant oxytocin receptor gene modulates infant hippocampal volumes in association with sex and prenatal maternal anxiety. <i>Psychiatry Research - Neuroimaging</i> , 2021, 307, 111207.	0.9	6
42	Maternal pre-pregnancy BMI associates with neonate local and distal functional connectivity of the left superior frontal gyrus. <i>Scientific Reports</i> , 2021, 11, 19182.	1.6	6
43	Effective psychological therapy for PTSD changes the dynamics of specific large-scale brain networks. <i>Human Brain Mapping</i> , 2022, 43, 3207-3220.	1.9	6
44	Allometry in the corpus callosum in neonates: Sexual dimorphism. <i>Human Brain Mapping</i> , 0, , .	1.9	6
45	Associations Between Brain Gray Matter Volumes and Adipose Tissue Metabolism in Healthy Adults. <i>Obesity</i> , 2021, 29, 543-549.	1.5	5
46	Neonatal amygdala volumes and the development of self-regulation from early infancy to toddlerhood. <i>Neuropsychology</i> , 2021, 35, 285-299.	1.0	5
47	A systematic review of MRI studies of language development from birth to 2 years of age. <i>Developmental Neurobiology</i> , 2021, 81, 63-75.	1.5	4
48	Imaging affective and non-affective touch processing in two-year-old children. <i>NeuroImage</i> , 2022, 251, 118983.	2.1	4
49	Alexithymia, body mass index and gestational diabetes in pregnant women – FinnBrain birth cohort study. <i>Journal of Psychosomatic Research</i> , 2019, 124, 109742.	1.2	3
50	Prenatal maternal distress associates with a blunted cortisol response in rhinovirus-positive infants. <i>Psychoneuroendocrinology</i> , 2019, 107, 187-190.	1.3	3
51	Age and sex differences in the cortisol stress reactivity and recovery among infants exposed to prenatal psychological distress. <i>Psychoneuroendocrinology</i> , 2022, 135, 105580.	1.3	3
52	Cognitive-Motor Related Brain Activity During Walking: Differences Between Men and Women With Multiple Sclerosis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 61-66.	0.5	2
53	Sex-specific associations between maternal pregnancy-specific anxiety and newborn amygdala volumes - preliminary findings from the FinnBrain Birth Cohort Study. <i>Stress</i> , 2022, 25, 213-226.	0.8	1
54	T58. Larger Newborn Left Amygdala Volume Predicts Poorer Working Memory in Toddlerhood. <i>Biological Psychiatry</i> , 2019, 85, S151.	0.7	0

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55	Prevalence and evolution of snoring and the associated factors in two-year-old children. <i>Sleep Medicine</i> , 2021, 84, 275-282.	0.8	0
56	Auditory Mismatch Responses to Emotional Stimuli in 3-Year-Olds in Relation to Prenatal Maternal Depression Symptoms. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	0