

Jessica Connelly

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,610
citations

159358

30
h-index

189595

50
g-index

53
all docs

53
docs citations

53
times ranked

5246
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroepigenetic impact on mentalizing in childhood. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101080.	1.9	3
2	Lifetime marijuana use and epigenetic age acceleration: A 17-year prospective examination. <i>Drug and Alcohol Dependence</i> , 2022, 233, 109363.	1.6	14
3	Exercise during pregnancy mitigates negative effects of parental obesity on metabolic function in adult mouse offspring. <i>Journal of Applied Physiology</i> , 2021, 130, 605-616.	1.2	11
4	OXTR DNA methylation moderates the developmental calibration of neural reward sensitivity. <i>Developmental Psychobiology</i> , 2021, 63, 114-124.	0.9	8
5	Genetic, epigenetic, and environmental factors controlling oxytocin receptor gene expression. <i>Clinical Epigenetics</i> , 2021, 13, 23.	1.8	41
6	An epigenetic rheostat of experience: DNA methylation of OXTR as a mechanism of early life allostasis. <i>Comprehensive Psychoneuroendocrinology</i> , 2021, 8, 100098.	0.7	12
7	Is Oxytocin “Nature’s Medicine”? <i>Pharmacological Reviews</i> , 2020, 72, 829-861.	7.1	190
8	Epigenetic tuning of brain signal entropy in emergent human social behavior. <i>BMC Medicine</i> , 2020, 18, 244.	2.3	11
9	Epigenetic Dynamics of the Oxytocin Receptor Gene Across the Menstrual Cycle. <i>Biological Psychiatry</i> , 2020, 87, S391.	0.7	1
10	Epigenetic dynamics in infancy and the impact of maternal engagement. <i>Science Advances</i> , 2019, 5, eaay0680.	4.7	48
11	Epigenetic modification of the oxytocin receptor gene is associated with emotion processing in the infant brain. <i>Developmental Cognitive Neuroscience</i> , 2019, 37, 100648.	1.9	55
12	Behavioral and epigenetic consequences of oxytocin treatment at birth. <i>Science Advances</i> , 2019, 5, eaav2244.	4.7	50
13	T56. DNA Methylation of the Oxytocin Receptor Changes During Infancy and is Impacted by Maternal Behavior. <i>Biological Psychiatry</i> , 2019, 85, S150.	0.7	0
14	Early nurture epigenetically tunes the oxytocin receptor. <i>Psychoneuroendocrinology</i> , 2019, 99, 128-136.	1.3	83
15	Oxytocin receptor genotype and low economic privilege reverses ventral striatum-social anxiety association. <i>Social Neuroscience</i> , 2019, 14, 67-79.	0.7	7
16	Associations between oxytocin receptor gene (OXTR) methylation, plasma oxytocin, and attachment across adulthood. <i>International Journal of Psychophysiology</i> , 2019, 136, 22-32.	0.5	55
17	The Role of Endogenous Oxytocin in Anxiolysis: Structural and Functional Correlates. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 618-625.	1.1	16
18	Neuroimaging Epigenetics: Challenges and Recommendations for Best Practices. <i>Neuroscience</i> , 2018, 370, 88-100.	1.1	19

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19	DNA methylation of <i>OXTR</i> is associated with parasympathetic nervous system activity and amygdala morphology. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 1155-1162.	1.5	18
20	S38. Epigenetic Modification of the Oxytocin Receptor Gene Impacts Infant Neural Response to Emotional Faces. <i>Biological Psychiatry</i> , 2018, 83, S361-S362.	0.7	0
21	Epigenetic regulation of the oxytocin receptor is associated with neural response during selective social attention. <i>Translational Psychiatry</i> , 2018, 8, 116.	2.4	46
22	Smooth muscle cell-specific deletion of <i>Col15a1</i> unexpectedly leads to impaired development of advanced atherosclerotic lesions. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H943-H958.	1.5	34
23	Activation of the pluripotency factor OCT4 in smooth muscle cells is atheroprotective. <i>Nature Medicine</i> , 2016, 22, 657-665.	15.2	165
24	Sex and Diagnosis-Specific Associations Between DNA Methylation of the Oxytocin Receptor Gene With Emotion Processing and Temporal-Limbic and Prefrontal Brain Volumes in Psychotic Disorders. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 141-151.	1.1	45
25	Childbirth and symptoms of postpartum depression and anxiety: a prospective birth cohort study. <i>Archives of Women's Mental Health</i> , 2016, 19, 219-227.	1.2	67
26	Interaction between oxytocin receptor DNA methylation and genotype is associated with risk of postpartum depression in women without depression in pregnancy. <i>Frontiers in Genetics</i> , 2015, 6, 243.	1.1	82
27	Plasma oxytocin explains individual differences in neural substrates of social perception. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 132.	1.0	41
28	Epigenetic modification of the oxytocin receptor gene influences the perception of anger and fear in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3308-3313.	3.3	170
29	ZNF277 microdeletions, specific language impairment and the meiotic mismatch methylation (3M) hypothesis. <i>European Journal of Human Genetics</i> , 2015, 23, 1113-1113.	1.4	4
30	A Functionally Significant Polymorphism in ID3 Is Associated with Human Coronary Pathology. <i>PLoS ONE</i> , 2014, 9, e90222.	1.1	18
31	Personality, Behavior and Environmental Features Associated with OXTR Genetic Variants in British Mothers. <i>PLoS ONE</i> , 2014, 9, e90465.	1.1	29
32	Response to Comment on Laker et al. Exercise Prevents Maternal High-Fat Diet-Induced Hypermethylation of the <i>Pgc-1β</i> Gene and Age-Dependent Metabolic Dysfunction in the Offspring. <i>Diabetes</i> 2014;63:1605-1611. <i>Diabetes</i> , 2014, 63, e6-e7.	0.3	5
33	Exercise Prevents Maternal High-Fat Diet-Induced Hypermethylation of the <i>Pgc-1β</i> Gene and Age-Dependent Metabolic Dysfunction in the Offspring. <i>Diabetes</i> , 2014, 63, 1605-1611.	0.3	184
34	Oxytocin receptor gene variation predicts empathic concern and autonomic arousal while perceiving harm to others. <i>Social Neuroscience</i> , 2014, 9, 1-9.	0.7	123
35	Epigenetic origins of metabolic disease: The impact of the maternal condition to the offspring epigenome and later health consequences. <i>Food Science and Human Wellness</i> , 2013, 2, 1-11.	2.2	61
36	Epigenetic regulation of COL15A1 in smooth muscle cell replicative aging and atherosclerosis. <i>Human Molecular Genetics</i> , 2013, 22, 5107-5120.	1.4	66

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37	Gestational Exposure to Bisphenol A Produces Transgenerational Changes in Behaviors and Gene Expression. <i>Endocrinology</i> , 2012, 153, 3828-3838.	1.4	276
38	DNA methylation of the oxytocin receptor gene predicts neural response to ambiguous social stimuli. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 280.	1.0	155
39	The role of Bisphenol A in shaping the brain, epigenome and behavior. <i>Hormones and Behavior</i> , 2011, 59, 296-305.	1.0	256
40	Gestational Exposure to Low Dose Bisphenol A Alters Social Behavior in Juvenile Mice. <i>PLoS ONE</i> , 2011, 6, e25448.	1.1	144
41	Polymorphic variants in tenascin-C (TNC) are associated with atherosclerosis and coronary artery disease. <i>Human Genetics</i> , 2011, 129, 641-654.	1.8	25
42	Cigarette smoking status has a modifying effect on the association between polymorphisms in KALRN and measures of cardiovascular risk in the diabetes heart study. <i>Genes and Genomics</i> , 2011, 33, 483-490.	0.5	2
43	Aging-related atherosclerosis is exacerbated by arterial expression of tumor necrosis factor receptor-1: evidence from mouse models and human association studies. <i>Human Molecular Genetics</i> , 2010, 19, 2754-2766.	1.4	32
44	Neuropeptide Y Gene Polymorphisms Confer Risk of Early-Onset Atherosclerosis. <i>PLoS Genetics</i> , 2009, 5, e1000318.	1.5	87
45	Genomic and epigenetic evidence for oxytocin receptor deficiency in autism. <i>BMC Medicine</i> , 2009, 7, 62.	2.3	497
46	Genetic effects in the leukotriene biosynthesis pathway and association with atherosclerosis. <i>Human Genetics</i> , 2009, 125, 217-229.	1.8	51
47	Refinement of 2q and 7p loci in a large multiplex NTD family. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2008, 82, 441-452.	1.6	12
48	ALOX5AP variants are associated with in-stent restenosis after percutaneous coronary intervention. <i>Atherosclerosis</i> , 2008, 201, 148-154.	0.4	22
49	The Crystal Structure of Cdc42 in Complex with Collybistin II, a Gephyrin-interacting Guanine Nucleotide Exchange Factor. <i>Journal of Molecular Biology</i> , 2006, 359, 35-46.	2.0	63
50	GATA2 Is Associated with Familial Early-Onset Coronary Artery Disease. <i>PLoS Genetics</i> , 2006, 2, e139.	1.5	82
51	Structure and Function of the <i>Saccharomyces cerevisiae</i> Sir3 BAH Domain. <i>Molecular and Cellular Biology</i> , 2006, 26, 3256-3265.	1.1	56
52	Importance of the Sir3 N Terminus and Its Acetylation for Yeast Transcriptional Silencing. <i>Genetics</i> , 2004, 168, 547-551.	1.2	68