

# Jessica Connelly

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7392741/publications.pdf>

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	Genomic and epigenetic evidence for oxytocin receptor deficiency in autism. <i>BMC Medicine</i> , 2009, 7, 62.	2.3	497
2	Gestational Exposure to Bisphenol A Produces Transgenerational Changes in Behaviors and Gene Expression. <i>Endocrinology</i> , 2012, 153, 3828-3838.	1.4	276
3	The role of Bisphenol A in shaping the brain, epigenome and behavior. <i>Hormones and Behavior</i> , 2011, 59, 296-305.	1.0	256
4	Is Oxytocin "Nature's Medicine"? <i>Pharmacological Reviews</i> , 2020, 72, 829-861.	7.1	190
5	Exercise Prevents Maternal High-Fat Diet-Induced Hypermethylation of the <i>Pgc-1<math>\alpha</math></i> Gene and Age-Dependent Metabolic Dysfunction in the Offspring. <i>Diabetes</i> , 2014, 63, 1605-1611.	0.3	184
6	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
7	Activation of the pluripotency factor OCT4 in smooth muscle cells is atheroprotective. <i>Nature Medicine</i> , 2016, 22, 657-665.	15.2	165
8	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
9	Gestational Exposure to Low Dose Bisphenol A Alters Social Behavior in Juvenile Mice. <i>PLoS ONE</i> , 2011, 6, e25448.	1.1	144
10	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
11	Neuropeptide Y Gene Polymorphisms Confer Risk of Early-Onset Atherosclerosis. <i>PLoS Genetics</i> , 2009, 5, e1000318.	1.5	87
12	Early nurture epigenetically tunes the oxytocin receptor. <i>Psychoneuroendocrinology</i> , 2019, 99, 128-136.	1.3	83
13	GATA2 Is Associated with Familial Early-Onset Coronary Artery Disease. <i>PLoS Genetics</i> , 2006, 2, e139.	1.5	82
14	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
15	Importance of the Sir3 N Terminus and Its Acetylation for Yeast Transcriptional Silencing. <i>Genetics</i> , 2004, 168, 547-551.	1.2	68
16	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
17	Epigenetic regulation of COL15A1 in smooth muscle cell replicative aging and atherosclerosis. <i>Human Molecular Genetics</i> , 2013, 22, 5107-5120.	1.4	66
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	Genetic effects in the leukotriene biosynthesis pathway and association with atherosclerosis. <i>Human Genetics</i> , 2009, 125, 217-229.	1.8	51
24	Behavioral and epigenetic consequences of oxytocin treatment at birth. <i>Science Advances</i> , 2019, 5, eaav2244.	4.7	50
25	Epigenetic dynamics in infancy and the impact of maternal engagement. <i>Science Advances</i> , 2019, 5, eaay0680.	4.7	48
26	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
27	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
28	Plasma oxytocin explains individual differences in neural substrates of social perception. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 132.	1.0	41
29	Genetic, epigenetic, and environmental factors controlling oxytocin receptor gene expression. <i>Clinical Epigenetics</i> , 2021, 13, 23.	1.8	41
30	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
31	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
32	Personality, Behavior and Environmental Features Associated with OXTR Genetic Variants in British Mothers. <i>PLoS ONE</i> , 2014, 9, e90465.	1.1	29
33	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
34	ALOX5AP variants are associated with in-stent restenosis after percutaneous coronary intervention. <i>Atherosclerosis</i> , 2008, 201, 148-154.	0.4	22
35	Neuroimaging Epigenetics: Challenges and Recommendations for Best Practices. <i>Neuroscience</i> , 2018, 370, 88-100.	1.1	19
36	A Functionally Significant Polymorphism in ID3 Is Associated with Human Coronary Pathology. <i>PLoS ONE</i> , 2014, 9, e90222.	1.1	18

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Lifetime marijuana use and epigenetic age acceleration: A 17-year prospective examination. <i>Drug and Alcohol Dependence</i> , 2022, 233, 109363.	1.6	14
40	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
41	An epigenetic rheostat of experience: DNA methylation of <i>OXTR</i> as a mechanism of early life allostasis. <i>Comprehensive Psychoneuroendocrinology</i> , 2021, 8, 100098.	0.7	12
42	Epigenetic tuning of brain signal entropy in emergent human social behavior. <i>BMC Medicine</i> , 2020, 18, 244.	2.3	11
43	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
44	<i>OXTR</i> DNA methylation moderates the developmental calibration of neural reward sensitivity. <i>Developmental Psychobiology</i> , 2021, 63, 114-124.	0.9	8
45	Oxytocin receptor genotype and low economic privilege reverses ventral striatum-social anxiety association. <i>Social Neuroscience</i> , 2019, 14, 67-79.	0.7	7
46	Response to Comment on Laker et al. Exercise Prevents Maternal High-Fat Diet-Induced Hypermethylation of the <i>Pgc-1<math>\beta</math></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
47	<i>ZNF277</i> 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
48	Neuroepigenetic impact on mentalizing in childhood. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101080.	1.9	3
49	Cigarette smoking status has a modifying effect on the association between polymorphisms in <i>KALRN</i> and measures of cardiovascular risk in the diabetes heart study. <i>Genes and Genomics</i> , 2011, 33, 483-490.	0.5	2
50	Epigenetic Dynamics of the Oxytocin Receptor Gene Across the Menstrual Cycle. <i>Biological Psychiatry</i> , 2020, 87, S391.	0.7	1
51	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
52	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