

Kieran J O'donnell

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

3,373
citations

257450

24
h-index

233421

45
g-index

49
all docs

49
docs citations

49
times ranked

4577
citing authors

#	ARTICLE	IF	CITATIONS
1	Prenatal stress and the programming of the HPA axis. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 35, 17-22.	6.1	455
2	Fetal Origins of Mental Health: The Developmental Origins of Health and Disease Hypothesis. <i>American Journal of Psychiatry</i> , 2017, 174, 319-328.	7.2	419
3	Maternal prenatal anxiety and downregulation of placental 11 β -HSD2. <i>Psychoneuroendocrinology</i> , 2012, 37, 818-826.	2.7	388
4	The persisting effect of maternal mood in pregnancy on childhood psychopathology. <i>Development and Psychopathology</i> , 2014, 26, 393-403.	2.3	334
5	Prenatal maternal stress, fetal programming, and mechanisms underlying later psychopathology—A global perspective. <i>Development and Psychopathology</i> , 2018, 30, 843-854.	2.3	155
6	Biological embedding of experience: A primer on epigenetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23261-23269.	7.1	148
7	The PedBE clock accurately estimates DNA methylation age in pediatric buccal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23329-23335.	7.1	140
8	Neuroanatomic Differences Associated With Stress Susceptibility and Resilience. <i>Biological Psychiatry</i> , 2016, 79, 840-849.	1.3	132
9	Prenatal maternal mood is associated with altered diurnal cortisol in adolescence. <i>Psychoneuroendocrinology</i> , 2013, 38, 1630-1638.	2.7	126
10	Integrated analysis of environmental and genetic influences on cord blood DNA methylation in new-borns. <i>Nature Communications</i> , 2019, 10, 2548.	12.8	94
11	Effects of Antenatal Maternal Depressive Symptoms and Socio-Economic Status on Neonatal Brain Development are Modulated by Genetic Risk. <i>Cerebral Cortex</i> , 2017, 27, 3080-3092.	2.9	90
12	The early care environment and DNA methylome variation in childhood. <i>Development and Psychopathology</i> , 2018, 30, 891-903.	2.3	75
13	Maternal prenatal cortisol predicts infant negative emotionality in a sex-dependent manner. <i>Physiology and Behavior</i> , 2017, 175, 31-36.	2.1	66
14	Maternal prenatal symptoms of depression and down regulation of placental monoamine oxidase A expression. <i>Journal of Psychosomatic Research</i> , 2013, 75, 341-345.	2.6	56
15	Anxiety, depression and saliva cortisol in women with a medical disorder during pregnancy. <i>Archives of Women's Mental Health</i> , 2010, 13, 339-345.	2.6	52
16	Cortisol awakening response and subsequent depression: prospective longitudinal study. <i>British Journal of Psychiatry</i> , 2014, 204, 137-143.	2.8	49
17	Maternal prenatal anxiety and child brain-derived neurotrophic factor (<i>BDNF</i>) genotype: Effects on internalizing symptoms from 4 to 15 years of age. <i>Development and Psychopathology</i> , 2014, 26, 1255-1266.	2.3	47
18	A biologically-informed polygenic score identifies endophenotypes and clinical conditions associated with the insulin receptor function on specific brain regions. <i>EBioMedicine</i> , 2019, 42, 188-202.	6.1	45

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19	Distinct Neuropathologic Phenotypes After Disrupting the Chloride Transport Proteins CLC-6 or CLC-7/Ostm1. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 1228-1246.	1.7	44
20	Cumulative prenatal exposure to adversity reveals associations with a broad range of neurodevelopmental outcomes that are moderated by a novel, biologically informed polygenetic score based on the serotonin transporter solute carrier family C6, member 4 (<i>SLC6A4</i>) gene expression. <i>Development and Psychopathology</i> , 2017, 29, 1601-1617.	2.3	43
21	Agreement in DNA methylation levels from the Illumina 450K array across batches, tissues, and time. <i>Epigenetics</i> , 2018, 13, 19-32.	2.7	39
22	Epigenetics, Development, and Psychopathology. <i>Annual Review of Clinical Psychology</i> , 2020, 16, 327-350.	12.3	38
23	DNA methylome variation in a perinatal nurse-visitation program that reduces child maltreatment: a 27-year follow-up. <i>Translational Psychiatry</i> , 2018, 8, 15.	4.8	37
24	Maternal prenatal anxiety and child COMT genotype predict working memory and symptoms of ADHD. <i>PLoS ONE</i> , 2017, 12, e0177506.	2.5	35
25	Maternal Prenatal Anxiety and the Fetal Origins of Epigenetic Aging. <i>Biological Psychiatry</i> , 2022, 91, 303-312.	1.3	29
26	Dynamic DNA methylation changes in the maternal oxytocin gene locus (OXT) during pregnancy predict postpartum maternal intrusiveness. <i>Psychoneuroendocrinology</i> , 2019, 103, 156-162.	2.7	22
27	PRS-on-Spark (PRSoS): a novel, efficient and flexible approach for generating polygenic risk scores. <i>BMC Bioinformatics</i> , 2018, 19, 295.	2.6	20
28	Dissecting maternal care: Patterns of maternal parenting in a prospective cohort study. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12784.	2.6	19
29	Stressful events and psychological difficulties: testing alternative candidates for sensitivity. <i>European Child and Adolescent Psychiatry</i> , 2014, 23, 103-113.	4.7	17
30	Symptoms of major depressive disorder subsequent to child maltreatment: Examining change across multiple levels of analysis to identify transdiagnostic risk pathways. <i>Development and Psychopathology</i> , 2015, 27, 1503-1514.	2.3	16
31	The <i>Drosophila</i> foraging gene human orthologue PRKG1 predicts individual differences in the effects of early adversity on maternal sensitivity. <i>Cognitive Development</i> , 2017, 42, 62-73.	1.3	15
32	A Role of Oxytocin Receptor Gene Brain Tissue Expression Quantitative Trait Locus rs237895 in the Intergenerational Transmission of the Effects of Maternal Childhood Maltreatment. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 1207-1216.	0.5	15
33	Amygdala 5-HTT Gene Network Moderates the Effects of Postnatal Adversity on Attention Problems: Anatomic-Functional Correlation and Epigenetic Changes. <i>Frontiers in Neuroscience</i> , 2020, 14, 198.	2.8	14
34	Internalizing symptoms associate with the pace of epigenetic aging in childhood. <i>Biological Psychology</i> , 2021, 159, 108021.	2.2	13
35	Stress hormones and posttraumatic stress symptoms following paediatric critical illness: an exploratory study. <i>European Child and Adolescent Psychiatry</i> , 2017, 26, 511-519.	4.7	12
36	Genetically predicted gene expression of prefrontal DRD4 gene and the differential susceptibility to childhood emotional eating in response to positive environment. <i>Appetite</i> , 2020, 148, 104594.	3.7	12

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37	Maternal antenatal depression and child mental health: Moderation by genomic risk for attention-deficit/hyperactivity disorder. <i>Development and Psychopathology</i> , 2020, 32, 1810-1821.	2.3	12
38	Polygenic differential susceptibility to prenatal adversity. <i>Development and Psychopathology</i> , 2019, 31, 439-441.	2.3	9
39	The COVID-19 Pandemic Impacted Maternal Mental Health Differently Depending on Pregnancy Status and Trimester of Gestation. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2926.	2.6	9
40	Epigenetic Age Acceleration and Risk for Posttraumatic Stress Disorder following Exposure to Substantiated Child Maltreatment. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2021, , 1-11.	3.4	8
41	Integration of "omics" Data and Phenotypic Data Within a Unified Extensible Multimodal Framework. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 91.	2.5	6
42	Salivary cytokine cluster moderates the association between caregivers perceived stress and emotional functioning in youth. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 125-137.	4.1	6
43	Broader Focus Required to Understand the Effects of the Perinatal Environment on Child Neurodevelopment: Response to Bell and Chimata. <i>American Journal of Psychiatry</i> , 2017, 174, 999-1000.	7.2	4
44	Dynamic interaction between fetal adversity and a genetic score reflecting dopamine function on developmental outcomes at 36 months. <i>PLoS ONE</i> , 2017, 12, e0177344.	2.5	4
45	Impulsivity mediates the relationship between childhood maltreatment and quality of life: Does social support make it different?. <i>Personality and Individual Differences</i> , 2022, 184, 111208.	2.9	3
46	Reply to: Crossing the "Birth Border" for Epigenetic Effects. <i>Biological Psychiatry</i> , 2022, 92, e25-e26.	1.3	1
47	Impact of parental socioeconomic status on offspring's mental health: protocol for a longitudinal community-based study. <i>BMJ Open</i> , 2021, 11, e038409.	1.9	0