

Shota Nishitani

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

932
citations

516215

16
h-index

476904

29
g-index

56
all docs

56
docs citations

56
times ranked

1335
citing authors

#	ARTICLE	IF	CITATIONS
1	The calming effect of a maternal breast milk odor on the human newborn infant. <i>Neuroscience Research</i> , 2009, 63, 66-71.	1.0	108
2	NIRS as a tool for assaying emotional function in the prefrontal cortex. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 770.	1.0	88
3	Epigenetic modification of <i>OXT</i> and human sociability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3816-23.	3.3	79
4	Differential prefrontal response to infant facial emotions in mothers compared with non-mothers. <i>Neuroscience Research</i> , 2011, 70, 183-188.	1.0	62
5	Epigenetic modification of the oxytocin receptor gene: implications for autism symptom severity and brain functional connectivity. <i>Neuropsychopharmacology</i> , 2020, 45, 1150-1158.	2.8	62
6	Maternal Prefrontal Cortex Activation by Newborn Infant Odors. <i>Chemical Senses</i> , 2014, 39, 195-202.	1.1	56
7	Oxytocin receptor DNA methylation and alterations of brain volumes in maltreated children. <i>Neuropsychopharmacology</i> , 2019, 44, 2045-2053.	2.8	49
8	Induction of Fos Immunoreactivity in Oxytocin Neurons in the Paraventricular Nucleus After Female Odor Exposure in Male Rats: Effects of Sexual Experience. <i>Cellular and Molecular Neurobiology</i> , 2004, 24, 283-291.	1.7	31
9	Oxytocin Mediates a Calming Effect on Postpartum Mood in Primiparous Mothers. <i>Breastfeeding Medicine</i> , 2017, 12, 103-109.	0.8	30
10	DNA methylation analysis from saliva samples for epidemiological studies. <i>Epigenetics</i> , 2018, 13, 352-362.	1.3	28
11	Non-linear patterns in age-related DNA methylation may reflect CD4 ⁺ T cell differentiation. <i>Epigenetics</i> , 2017, 12, 492-503.	1.3	24
12	Sex difference in the relationship between salivary testosterone and inter-temporal choice. <i>Hormones and Behavior</i> , 2015, 69, 50-58.	1.0	22
13	The olfactory conditioning in the early postnatal period stimulated neural stem/progenitor cells in the subventricular zone and increased neurogenesis in the olfactory bulb of rats. <i>Neuroscience</i> , 2008, 151, 120-128.	1.1	21
14	Oxytocin receptor gene methylation and substance use problems among young African American men. <i>Drug and Alcohol Dependence</i> , 2018, 192, 309-315.	1.6	20
15	<i>OXTR</i> methylation modulates exogenous oxytocin effects on human brain activity during social interaction. <i>Genes, Brain and Behavior</i> , 2020, 19, e12555.	1.1	19
16	Association of Aryl Hydrocarbon Receptor-Related Gene Variants with the Severity of Autism Spectrum Disorders. <i>Frontiers in Psychiatry</i> , 2016, 7, 184.	1.3	18
17	Childhood Adversity, Socioeconomic Instability, Oxytocin-Receptor-Gene Methylation, and Romantic-Relationship Support Among Young African American Men. <i>Psychological Science</i> , 2019, 30, 1234-1244.	1.8	17
18	Fetal response to induced maternal emotions. <i>Journal of Physiological Sciences</i> , 2010, 60, 213-220.	0.9	15

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19	Genetic variants in oxytocin receptor and arginine-vasopressin receptor 1A are associated with the neural correlates of maternal and paternal affection towards their child. <i>Hormones and Behavior</i> , 2017, 87, 47-56.	1.0	14
20	No association between catechol-O-methyltransferase (COMT) genotype and attention deficit hyperactivity disorder (ADHD) in Japanese children. <i>Brain and Development</i> , 2014, 36, 620-625.	0.6	13
21	I love my grandkid! An NIRS study of grandmaternal love in Japan. <i>Brain Research</i> , 2014, 1542, 131-137.	1.1	13
22	A multi-modal MRI analysis of brain structure and function in relation to OXT methylation in maltreated children and adolescents. <i>Translational Psychiatry</i> , 2021, 11, 589.	2.4	13
23	Influence of the COVID-19 Pandemic on Parenting Stress Across Asian Countries: A Cross-National Study. <i>Frontiers in Psychology</i> , 2021, 12, 782298.	1.1	12
24	Perceived Parental Rejection Mediates the Influence of Serotonin Transporter Gene (5-HTTLPR) Polymorphisms on Impulsivity in Japanese Adults. <i>PLoS ONE</i> , 2012, 7, e47608.	1.1	11
25	Prenatal Exposure to a Polychlorinated Biphenyl (PCB) Congener Influences Fixation Duration on Biological Motion at 4-Months-Old: A Preliminary Study. <i>PLoS ONE</i> , 2013, 8, e59196.	1.1	11
26	Altered epigenetic clock in children exposed to maltreatment. <i>Psychiatry and Clinical Neurosciences</i> , 2021, 75, 110-112.	1.0	10
27	Pathways linking adverse environments to emerging adults' substance abuse and depressive symptoms: A prospective analysis of rural African American men. <i>Development and Psychopathology</i> , 2021, 33, 1496-1506.	1.4	9
28	The effects of epigenetic age and its acceleration on surface area, cortical thickness, and volume in young adults. <i>Cerebral Cortex</i> , 2022, 32, 5654-5663.	1.6	8
29	I love my grandkid! An NIRS study of grandmaternal love in Japan. <i>Brain Research</i> , 2014, 1542, 131-7.	1.1	8
30	Development of synchrony between activity patterns of mother-infant pair from 4 to 18 months after birth. <i>Journal of Physiological Sciences</i> , 2011, 61, 211-6.	0.9	7
31	No interaction between serotonin transporter gene (5-HTTLPR) polymorphism and adversity on depression among Japanese children and adolescents. <i>BMC Psychiatry</i> , 2013, 13, 134.	1.1	7
32	Epigenetic Modification of <i>OXTR</i> is Associated with Openness to Experience. <i>Personality Neuroscience</i> , 2018, 1, e7.	1.3	6
33	Methylation of OXT and OXTR genes, central oxytocin, and social behavior in female macaques. <i>Hormones and Behavior</i> , 2020, 126, 104856.	1.0	5
34	Epigenetic Clock Deceleration and Maternal Reproductive Efforts: Associations With Increasing Gray Matter Volume of the Precuneus. <i>Frontiers in Genetics</i> , 2022, 13, 803584.	1.1	5
35	Association of estrogen receptor alpha polymorphisms with symptoms of autism among Chinese Han children. <i>Neuroendocrinology Letters</i> , 2016, 37, 439-444.	0.2	4
36	Loneliness depends on salivary estradiol levels in adolescent females. <i>Neuroendocrinology Letters</i> , 2012, 33, 525-9.	0.2	3

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37	Developmental changes in the neural responses to own and unfamiliar mother's smiling face throughout puberty. <i>Frontiers in Neuroscience</i> , 2015, 9, 200.	1.4	2
38	Association between catechol-O-methyltransferase Val158Met polymorphism and configural mode of face processing. <i>Neuroscience Letters</i> , 2015, 586, 19-23.	1.0	2
39	Epigenetic prediction of 17 β -estradiol and relationship to trauma-related outcomes in women. <i>Comprehensive Psychoneuroendocrinology</i> , 2021, 6, 100045.	0.7	2
40	Association of Epigenetic Differences Screened in a Few Cases of Monozygotic Twins Discordant for Attention-Deficit Hyperactivity Disorder With Brain Structures. <i>Frontiers in Neuroscience</i> , 2021, 15, 799761.	1.4	2
41	Capturing the epigenome: Differences among blood, saliva, and brain samples. , 2022, , 239-256.		2
42	Mismatch negativity of preschool children at risk of developing mental health problems. <i>Neuropsychopharmacology Reports</i> , 2021, 41, 185-191.	1.1	1
43	Sex difference in the neural basis of parental bonding. <i>Neuroscience Research</i> , 2010, 68, e78.	1.0	0
44	The ability to recognize emotion is modulated by the aryl hydrocarbon receptor (AhR) variants in normal human adolescents. <i>Neuroscience Research</i> , 2011, 71, e387.	1.0	0
45	25. Longitudinal Epigenome-Wide Changes From Trauma to PTSD Diagnosis. <i>Biological Psychiatry</i> , 2019, 85, S10-S11.	0.7	0
46	Genetic and environmental factors that influence adult attachment styles (2). <i>The Proceedings of the Annual Convention of the Japanese Psychological Association</i> , 2012, 76, 2EVC15-2EVC15.	0.0	0
47	Epigenetics and its implications for Psychology. <i>The Proceedings of the Annual Convention of the Japanese Psychological Association</i> , 2019, 83, SS-056-SS-056.	0.0	0
48	Phosphorylation of cAMP response element-binding protein in the extended amygdala of male rats is induced by novel environment and attenuated by estrous female-bedding. <i>Neuroendocrinology Letters</i> , 2013, 34, 118-23.	0.2	0