Suma Jacob

List of Publications by Year
in descending order

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51 papers	4,922 citations	186265 28 h-index	197818 49 g-index
52 all docs	52 docs citations	52 times ranked	7531 citing authors

#	Article	IF	Citations
1	Convergence of Genes and Cellular Pathways Dysregulated in Autism Spectrum Disorders. American Journal of Human Genetics, 2014, 94, 677-694.	6.2	819
2	Paternally inherited HLA alleles are associated with women's choice of male odor. Nature Genetics, 2002, 30, 175-179.	21.4	411
3	Association of the oxytocin receptor gene (OXTR) in Caucasian children and adolescents with autism. Neuroscience Letters, 2007, 417, 6-9.	2.1	409
4	Polygenic transmission disequilibrium confirms that common and rare variation act additively to create risk for autism spectrum disorders. Nature Genetics, 2017, 49, 978-985.	21.4	401
5	Individual common variants exert weak effects on the risk for autism spectrum disorders. Human Molecular Genetics, 2012, 21, 4781-4792.	2.9	334
6	SPARK: A US Cohort of 50,000 Families to Accelerate Autism Research. Neuron, 2018, 97, 488-493.	8.1	265
7	Chronic Intranasal Oxytocin Causes Long-Term Impairments in Partner Preference Formation in Male Prairie Voles. Biological Psychiatry, 2013, 74, 180-188.	1.3	225
8	Psychological State and Mood Effects of Steroidal Chemosignals in Women and Men. Hormones and Behavior, 2000, 37, 57-78.	2.1	187
9	Women's sexual experience during the menstrual cycle: Identification of the sexual phase by noninvasive measurement of luteinizing hormone. Journal of Sex Research, 2004, 41, 82-93.	2.5	144
10	Context-dependent effects of steroid chemosignals on human physiology and mood. Physiology and Behavior, 2001, 74, 15-27.	2.1	134
11	Intranasal oxytocin in the treatment of autism spectrum disorders: A review of literature and early safety and efficacy data in youth. Brain Research, 2014, 1580, 188-198.	2.2	134
12	Long-term exposure to intranasal oxytocin in a mouse autism model. Translational Psychiatry, 2014, 4, e480-e480.	4.8	112
13	Effects of MDMA and Intranasal Oxytocin on Social and Emotional Processing. Neuropsychopharmacology, 2014, 39, 1654-1663.	5.4	102
14	The journey to autism: Insights from neuroimaging studies of infants and toddlers. Development and Psychopathology, 2018, 30, 479-495.	2.3	100
15	Sustained human chemosignal unconsciously alters brain function. NeuroReport, 2001, 12, 2391-2394.	1.2	96
16	Oxytocin and vasopressin systems in genetic syndromes and neurodevelopmental disorders. Brain Research, 2014, 1580, 199-218.	2.2	88
17	Psychological Effects of Musky Compounds: Comparison of Androstadienone with Androstenol and Muscone. Hormones and Behavior, 2002, 42, 274-283.	2.1	72
18	Plasma oxytocin concentrations following MDMA or intranasal oxytocin in humans. Psychoneuroendocrinology, 2014, 46, 23-31.	2.7	72

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19	Autism spectrum and obsessiveâ€“compulsive disorders: OC behaviors, phenotypes and genetics. Autism Research, 2009, 2, 293-311.	3.8	68
20	Examining Autism Spectrum Disorders by Biomarkers: Example From the Oxytocin and Serotonin Systems. Journal of the American Academy of Child and Adolescent Psychiatry, 2012, 51, 712-721.e1.	0.5	65
21	Genetic imaging of the association of oxytocin receptor gene (OXTR) polymorphisms with positive maternal parenting. Frontiers in Behavioral Neuroscience, 2014, 8, 21.	2.0	64
22	The impact of the metabotropic glutamate receptor and other gene family interaction networks on autism. Nature Communications, 2014, 5, 4074.	12.8	52
23	Gene-ontology enrichment analysis in two independent family-based samples highlights biologically plausible processes for autism spectrum disorders. European Journal of Human Genetics, 2011, 19, 1082-1089.	2.8	39
24	ASD and Genetic Associations with Receptors for Oxytocin and Vasopressinâ€”AVPR1A, AVPR1B, and OXTR. Frontiers in Neuroscience, 2016, 10, 516.	2.8	38
25	Social chemosignals from breastfeeding women increase sexual motivation. Hormones and Behavior, 2004, 46, 362-370.	2.1	37
26	Chronic Intranasal Oxytocin has Dose-dependent Effects on Central Oxytocin and Vasopressin Systems in Prairie Voles (Microtus ochrogaster). Neuroscience, 2018, 369, 292-302.	2.3	37
27	Rare inherited A2BP1 deletion in a proband with autism and developmental hemiparesis. American Journal of Medical Genetics, Part A, 2012, 158A, 1654-1661.	1.2	36
28	A Deletion Involving <scp>CD</scp>38 and <scp>BST</scp>1 Results in a Fusion Transcript in a Patient With Autism and Asthma. Autism Research, 2014, 7, 254-263.	3.8	34
29	Urinary and plasma oxytocin changes in response to MDMA or intranasal oxytocin administration. Psychoneuroendocrinology, 2016, 74, 92-100.	2.7	30
30	Effects of breastfeeding chemosignals on the human menstrual cycle. Human Reproduction, 2004, 19, 422-429.	0.9	26
31	A quantitative association study of SLC25A12 and restricted repetitive behavior traits in autism spectrum disorders. Molecular Autism, 2011, 2, 8.	4.9	25
32	Is there sexual dimorphism of hyperserotonemia in autism spectrum disorder?. Autism Research, 2017, 10, 1417-1423.	3.8	24
33	Repetitive behavior profiles: Consistency across autism spectrum disorder cohorts and divergence from Praderâ€“Willi syndrome. Journal of Neurodevelopmental Disorders, 2011, 3, 316-324.	3.1	22
34	COMPARISON OF BEHAVIORAL PROFILES FOR ANXIETY-RELATED COMORBIDITIES INCLUDING ADHD AND SELECTIVE MUTISM IN CHILDREN. Depression and Anxiety, 2013, 30, 857-864.	4.1	22
35	Escitalopram pharmacogenetics. Pharmacogenetics and Genomics, 2015, 25, 548-554.	1.5	22
36	Variants in Adjacent Oxytocin/Vasopressin Gene Region and Associations with ASD Diagnosis and Other Autism Related Endophenotypes. Frontiers in Neuroscience, 2016, 10, 195.	2.8	21

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37	Neonatal physiological regulation is associated with perinatal factors: A study of neonates born to healthy African American women living in poverty. Infant Mental Health Journal, 2009, 30, 82-94.	1.8	19
38	Human Body Scents: Conscious Perceptions and Biological Effects. Chemical Senses, 2005, 30, i135-i137.	2.0	18
39	Family-based association testing of glutamate transporter genes in autism. Psychiatric Genetics, 2011, 21, 212-213.	1.1	17
40	Parental Broader Autism Subphenotypes in <scp>ASD</scp> Affected Families: Relationship to Gender, Child's Symptoms, <scp>SSRI</scp> Treatment, and Platelet Serotonin. Autism Research, 2013, 6, 621-630.	3.8	16
41	Hypoconnectivity of insular resting-state networks in adolescents with Autism Spectrum Disorder. Psychiatry Research - Neuroimaging, 2019, 283, 104-112.	1.8	16
42	Preliminary evidence for the interaction of the oxytocin receptor gene (oxtr) and face processing in differentiating prenatal smoking patterns. Neuroscience Letters, 2015, 584, 259-264.	2.1	14
43	Pharmacogenetic Study of Serotonin Transporter and 5HT2A Genotypes in Autism. Journal of Child and Adolescent Psychopharmacology, 2015, 25, 467-474.	1.3	11
44	Sequence variations at the human leukocyte antigenâ€"linked olfactory receptor cluster do not influence female preferences for male odors. Human Immunology, 2010, 71, 100-103.	2.4	10
45	Whole Blood Serotonin Levels and Platelet 5-HT2A Binding in Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2019, 49, 2417-2425.	2.7	10
46	Large multicenter randomized trials in autism: key insights gained from the balovaptan clinical development program. Molecular Autism, 2022, 13, .	4.9	10
47	Reply to â€œThe MHC and body odors: arbitrary effects caused by shifts of mean pleasantnessâ€• Nature Genetics, 2002, 31, 237-238.	21.4	8
48	Phenoscreening: a developmental approach to research domain criteriaâ€•motivated sampling. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 884-894.	5.2	5
49	Insistence on sameness and broader autism phenotype in simplex families with autism spectrum disorder. Autism Research, 2018, 11, 1253-1263.	3.8	1
50	Diagnosis and Treatment of Conduct Disorder. AMA Journal of Ethics, 2006, 8, 672-675.	0.7	0
51	Function, not behavior, driving diagnosis and treatment of ASD in RDoC project. The Brown University Child and Adolescent Behavior Letter, 2016, 32, 1-6.	0.1	0