

Suma Jacob

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1165525/publications.pdf>

Version: 2024-02-01

51
papers

4,922
citations

186254

28
h-index

197805

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 obsessive-compulsive disorders: OC behaviors, phenotypes and genetics. <i>Autism Research</i> , 2009, 2, 293-311. | 3.8 | 68 |
| 20 | Examining Autism Spectrum Disorders by Biomarkers: Example From the Oxytocin and Serotonin Systems. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2012, 51, 712-721.e1. | 0.5 | 65 |
| 21 | Genetic imaging of the association of oxytocin receptor gene (OXTR) polymorphisms with positive maternal parenting. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 21. | 2.0 | 64 |
| 22 | The impact of the metabotropic glutamate receptor and other gene family interaction networks on autism. <i>Nature Communications</i> , 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. <i>European Journal of Human Genetics</i> , 2011, 19, 1082-1089. | 2.8 | 39 |
| 24 | ASD and Genetic Associations with Receptors for Oxytocin and Vasopressin—AVPR1A, AVPR1B, and OXTR. <i>Frontiers in Neuroscience</i> , 2016, 10, 516. | 2.8 | 38 |
| 25 | Social chemosignals from breastfeeding women increase sexual motivation. <i>Hormones and Behavior</i> , 2004, 46, 362-370. | 2.1 | 37 |
| 26 | Chronic Intranasal Oxytocin has Dose-dependent Effects on Central Oxytocin and Vasopressin Systems in Prairie Voles (<i>Microtus ochrogaster</i>). <i>Neuroscience</i> , 2018, 369, 292-302. | 2.3 | 37 |
| 27 | Rare inherited <i>A2BP1</i> deletion in a proband with autism and developmental hemiparesis. <i>American Journal of Medical Genetics, Part A</i> , 2012, 158A, 1654-1661. | 1.2 | 36 |
| 28 | A Deletion Involving <i>CD38</i> and <i>BST1</i> Results in a Fusion Transcript in a Patient With Autism and Asthma. <i>Autism Research</i> , 2014, 7, 254-263. | 3.8 | 34 |
| 29 | Urinary and plasma oxytocin changes in response to MDMA or intranasal oxytocin administration. <i>Psychoneuroendocrinology</i> , 2016, 74, 92-100. | 2.7 | 30 |
| 30 | Effects of breastfeeding chemosignals on the human menstrual cycle. <i>Human Reproduction</i> , 2004, 19, 422-429. | 0.9 | 26 |
| 31 | A quantitative association study of SLC25A12 and restricted repetitive behavior traits in autism spectrum disorders. <i>Molecular Autism</i> , 2011, 2, 8. | 4.9 | 25 |
| 32 | Is there sexual dimorphism of hyperserotonemia in autism spectrum disorder?. <i>Autism Research</i> , 2017, 10, 1417-1423. | 3.8 | 24 |
| 33 | Repetitive behavior profiles: Consistency across autism spectrum disorder cohorts and divergence from Prader-Willi syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2011, 3, 316-324. | 3.1 | 22 |
| 34 | COMPARISON OF BEHAVIORAL PROFILES FOR ANXIETY-RELATED COMORBIDITIES INCLUDING ADHD AND SELECTIVE MUTISM IN CHILDREN. <i>Depression and Anxiety</i> , 2013, 30, 857-864. | 4.1 | 22 |
| 35 | Escitalopram pharmacogenetics. <i>Pharmacogenetics and Genomics</i> , 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. <i>Frontiers in Neuroscience</i> , 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. <i>Infant Mental Health Journal</i> , 2009, 30, 82-94. | 1.8 | 19 |
| 38 | Human Body Scents: Conscious Perceptions and Biological Effects. <i>Chemical Senses</i> , 2005, 30, i135-i137. | 2.0 | 18 |
| 39 | Family-based association testing of glutamate transporter genes in autism. <i>Psychiatric Genetics</i> , 2011, 21, 212-213. | 1.1 | 17 |
| 40 | Parental Broader Autism Subphenotypes in <sc>ASD</sc> Affected Families: Relationship to Gender, Child's Symptoms, <sc>SSRI</sc> Treatment, and Platelet Serotonin. <i>Autism Research</i> , 2013, 6, 621-630. | 3.8 | 16 |
| 41 | Hypoconnectivity of insular resting-state networks in adolescents with Autism Spectrum Disorder. <i>Psychiatry Research - Neuroimaging</i> , 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. <i>Neuroscience Letters</i> , 2015, 584, 259-264. | 2.1 | 14 |
| 43 | Pharmacogenetic Study of Serotonin Transporter and 5HT2A Genotypes in Autism. <i>Journal of Child and Adolescent Psychopharmacology</i> , 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. <i>Human Immunology</i> , 2010, 71, 100-103. | 2.4 | 10 |
| 45 | Whole Blood Serotonin Levels and Platelet 5-HT2A Binding in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 2417-2425. | 2.7 | 10 |
| 46 | Large multicenter randomized trials in autism: key insights gained from the balovaptan clinical development program. <i>Molecular Autism</i> , 2022, 13, . | 4.9 | 10 |
| 47 | Reply to â€œThe MHC and body odors: arbitrary effects caused by shifts of mean pleasantnessâ€. <i>Nature Genetics</i> , 2002, 31, 237-238. | 21.4 | 8 |
| 48 | Phenoscreening: a developmental approach to research domain criteriaâ€“motivated sampling. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 884-894. | 5.2 | 5 |
| 49 | Insistence on sameness and broader autism phenotype in simplex families with autism spectrum disorder. <i>Autism Research</i> , 2018, 11, 1253-1263. | 3.8 | 1 |
| 50 | Diagnosis and Treatment of Conduct Disorder. <i>AMA Journal of Ethics</i> , 2006, 8, 672-675. | 0.7 | 0 |
| 51 | Function, not behavior, driving diagnosis and treatment of ASD in RDoC project. <i>The Brown University Child and Adolescent Behavior Letter</i> , 2016, 32, 1-6. | 0.1 | 0 |