# Matthew W State

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7958866/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 104 papers | 31,692 citations | 10979 71 h-index | 27389 106 g-index |
| 120 all docs | 120 docs citations | 120 times ranked | 31030 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Genomics, convergent neuroscience and progress in understanding autism spectrum disorder. Nature Reviews Neuroscience, 2022, 23, 323-341. | 4.9 | 81 |
| 2 | Leveraging large genomic datasets to illuminate the pathobiology of autism spectrum disorders. Neuropsychopharmacology, 2021, 46, 55-69. | 2.8 | 31 |
| 3 | Parallel inÂvivo analysis of large-effect autism genes implicates cortical neurogenesis and estrogen in risk and resilience. Neuron, 2021, 109, 788-804.e8. | 3.8 | 54 |
| 4 | Autism Spectrum Disorder Genetics and the Search for Pathological Mechanisms. American Journal of Psychiatry, 2021, 178, 30-38. | 4.0 | 70 |
| 5 | Neuronal and glial 3D chromatin architecture informs the cellular etiology of brain disorders. Nature Communications, 2021, 12, 3968. | 5.8 | 48 |
| 6 | Elevated common variant genetic risk for tourette syndrome in a densely-affected pedigree. Molecular Psychiatry, 2021, 26, 7522-7529. | 4.1 | 8 |
| 7 | Autism risk gene POGZ promotes chromatin accessibility and expression of clustered synaptic genes. Cell Reports, 2021, 37, 110089. | 2.9 | 38 |
| 8 | Neurodevelopmental disorder risk gene DYRK1A is required for ciliogenesis and brain size in Xenopus embryos. Development (Cambridge), 2020, 147, . | 1.2 | 27 |
| 9 | A Chromatin Accessibility Atlas of the Developing Human Telencephalon. Cell, 2020, 182, 754-769.e18. | 13.5 | 69 |
| 10 | Autism spectrum disorder. Nature Reviews Disease Primers, 2020, 6, 5. | 18.1 | 746 |
| 11 | Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. Cell, 2020, 180, 568-584.e23. | 13.5 | 1,422 |
| 12 | Whole-Genome and RNA Sequencing Reveal Variation and Transcriptomic Coordination in the Developing Human Prefrontal Cortex. Cell Reports, 2020, 31, 107489. | 2.9 | 91 |
| 13 | Enhancing WNT Signaling Restores Cortical Neuronal Spine Maturation and Synaptogenesis in Tbr1 Mutants. Cell Reports, 2020, 31, 107495. | 2.9 | 32 |
| 14 | Shared molecular neuropathology across major psychiatric disorders parallels polygenic overlap. Science, 2018, 359, 693-697. | 6.0 | 851 |
| 15 | An analytical framework for whole-genome sequence association studies and its implications for autism spectrum disorder. Nature Genetics, 2018, 50, 727-736. | 9.4 | 235 |
| 16 | Genome-wide de novo risk score implicates promoter variation in autism spectrum disorder. Science, 2018, 362, . | 6.0 | 234 |
| 17 | Transcriptome and epigenome landscape of human cortical development modeled in organoids. Science, 2018, 362, . | 6.0 | 220 |
| 18 | Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, . | 6.0 | 516 |

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|---|---|---|---|
| 19 | Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. Science, 2018, 362, . | 6.0 | 805 |
| 20 | Comprehensive functional genomic resource and integrative model for the human brain. Science, 2018, 362, . | 6.0 | 618 |
| 21 | De Novo Sequence and Copy Number Variants Are Strongly Associated with Tourette Disorder and Implicate Cell Polarity in Pathogenesis. Cell Reports, 2018, 24, 3441-3454.e12. | 2.9 | 91 |
| 22 | Neonatal Tbr1 Dosage Controls Cortical Layer 6 Connectivity. Neuron, 2018, 100, 831-845.e7. | 3.8 | 83 |
| 23 | Lost in Translation: Traversing the Complex Path from Genomics to Therapeutics in Autism Spectrum Disorder. Neuron, 2018, 100, 406-423. | 3.8 | 98 |
| 24 | The Psychiatric Cell Map Initiative: A Convergent Systems Biological Approach to Illuminating Key Molecular Pathways in Neuropsychiatric Disorders. Cell, 2018, 174, 505-520. | 13.5 | 108 |
| 25 | Tourette disorder and other tic disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 147, 343-354. | 1.0 | 24 |
| 26 | De Novo Coding Variants Are Strongly Associated with Tourette Disorder. Neuron, 2017, 94, 486-499.e9. | 3.8 | 155 |
| 27 | De Novo Mutations in Protein Kinase Genes CAMK2A and CAMK2B Cause Intellectual Disability. American Journal of Human Genetics, 2017, 101, 768-788. | 2.6 | 136 |
| 28 | Molecular and cellular reorganization of neural circuits in the human lineage. Science, 2017, 358, 1027-1032. | 6.0 | 192 |
| 29 | Whole genome sequencing in psychiatric disorders: the WGSPD consortium. Nature Neuroscience, 2017, 20, 1661-1668. | 7.1 | 122 |
| 30 | The Genetic Etiology of Tourette Syndrome: Large-Scale Collaborative Efforts on the Precipice of Discovery. Frontiers in Neuroscience, 2016, 10, 351. | 1.4 | 45 |
| 31 | Pre- and perinatal complications in relation to Tourette syndrome and co-occurring obsessive-compulsive disorder and attention-deficit/hyperactivity disorder. Journal of Psychiatric Research, 2016, 82, 126-135. | 1.5 | 36 |
| 32 | Constance E. Lieber, Theodore R. Stanley, and the Enduring Impact of Philanthropy on Psychiatry Research. Biological Psychiatry, 2016, 80, 84-86. | 0.7 | 2 |
| 33 | Estrogens Suppress a Behavioral Phenotype in Zebrafish Mutants of the Autism Risk Gene, CNTNAP2. Neuron, 2016, 89, 725-733. | 3.8 | 170 |
| 34 | No Evidence for Association of Autism with Rare Heterozygous Point Mutations in Contactin-Associated Protein-Like 2 (CNTNAP2), or in Other Contactin-Associated Proteins or Contactins. PLoS Genetics, 2015, 11, e1004852. | 1.5 | 47 |
| 35 | Gene hunting in autism spectrum disorder: on the path to precision medicine. Lancet Neurology, The, 2015, 14, 1109-1120. | 4.9 | 374 |
| 36 | Loss of Î´-catenin function in severe autism. Nature, 2015, 520, 51-56. | 13.7 | 145 |

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| 37 | The autism-associated chromatin modifier CHD8 regulates other autism risk genes during human neurodevelopment. Nature Communications, 2015, 6, 6404. | 5.8 | 316 |
| 38 | Insights into Autism Spectrum Disorder Genomic Architecture and Biology from 71 Risk Loci. Neuron, 2015, 87, 1215-1233. | 3.8 | 1,219 |
| 39 | The PsychENCODE project. Nature Neuroscience, 2015, 18, 1707-1712. | 7.1 | 371 |
| 40 | Leveraging Genetics and Genomics to Define the Causes of Mental Illness. Biological Psychiatry, 2015, 77, 3-5. | 0.7 | 5 |
| 41 | Autism spectrum disorders: from genes to neurobiology. Current Opinion in Neurobiology, 2015, 30, 92-99. | 2.0 | 121 |
| 42 | A Genome-wide Association Study of Autism Using the Simons Simplex Collection: Does Reducing Phenotypic Heterogeneity in Autism Increase Genetic Homogeneity?. Biological Psychiatry, 2015, 77, 775-784. | 0.7 | 133 |
| 43 | Homozygous loss of DIAPH1 is a novel cause of microcephaly in humans. European Journal of Human Genetics, 2015, 23, 165-172. | 1.4 | 57 |
| 44 | The Tourette International Collaborative Genetics (TIC Genetics) study, finding the genes causing Tourette syndrome: objectives and methods. European Child and Adolescent Psychiatry, 2015, 24, 141-151. | 2.8 | 41 |
| 45 | The inheritance of Tourette Disorder: A review. Journal of Obsessive-Compulsive and Related Disorders, 2014, 3, 380-385. | 0.7 | 70 |
| 46 | De Novo Insertions and Deletions of Predominantly Paternal Origin Are Associated with Autism Spectrum Disorder. Cell Reports, 2014, 9, 16-23. | 2.9 | 151 |
| 47 | DAWN: a framework to identify autism genes and subnetworks using gene expression and genetics. Molecular Autism, 2014, 5, 22. | 2.6 | 111 |
| 48 | The developmental transcriptome of the human brain. Current Opinion in Neurology, 2014, 27, 149-156. | 1.8 | 100 |
| 49 | Practice Parameter for the Assessment and Treatment of Children and Adolescents With Autism Spectrum Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2014, 53, 237-257. | 0.3 | 558 |
| 50 | Psychiatric Disorders: Diagnosis to Therapy. Cell, 2014, 157, 201-214. | 13.5 | 140 |
| 51 | Recent challenges to the psychiatric diagnostic nosology: a focus on the genetics and genomics of neurodevelopmental disorders. International Journal of Epidemiology, 2014, 43, 465-475. | 0.9 | 39 |
| 52 | Histidine Decarboxylase Deficiency Causes Tourette Syndrome: Parallel Findings in Humans and Mice. Neuron, 2014, 81, 77-90. | 3.8 | 212 |
| 53 | The contribution of de novo coding mutations to autism spectrum disorder. Nature, 2014, 515, 216-221. | 13.7 | 2,188 |
| 54 | Synaptic, transcriptional and chromatin genes disrupted in autism. Nature, 2014, 515, 209-215. | 13.7 | 2,254 |

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| 55 | Modest Impact on Risk for Autism Spectrum Disorder of Rare Copy Number Variants at 15<scp>q</scp>11.2, Specifically Breakpoints 1 to 2. Autism Research, 2014, 7, 355-362. | 2.1 | 59 |
| 56 | Increased Frequency of De Novo Copy Number Variants in Congenital Heart Disease by Integrative Analysis of Single Nucleotide Polymorphism Array and Exome Sequence Data. Circulation Research, 2014, 115, 884-896. | 2.0 | 229 |
| 57 | Rare deleterious mutations of the gene EFR3A in autism spectrum disorders. Molecular Autism, 2014, 5, 31. | 2.6 | 27 |
| 58 | Intellectual Disability Is Associated with Increased Runs of Homozygosity in Simplex Autism. American Journal of Human Genetics, 2013, 93, 103-109. | 2.6 | 63 |
| 59 | Adjusting Head Circumference for Covariates in Autism: Clinical Correlates of a Highly Heritable Continuous Trait. Biological Psychiatry, 2013, 74, 576-584. | 0.7 | 70 |
| 60 | Genomic Analysis of Non- NF2 Meningiomas Reveals Mutations in TRAF7 , KLF4 , AKT1 , and SMO. Science, 2013, 339, 1077-1080. | 6.0 | 714 |
| 61 | Recent developments in the genetics of autism spectrum disorders. Current Opinion in Genetics and Development, 2013, 23, 310-315. | 1.5 | 118 |
| 62 | Coexpression Networks Implicate Human Midfetal Deep Cortical Projection Neurons in the Pathogenesis of Autism. Cell, 2013, 155, 997-1007. | 13.5 | 825 |
| 63 | Rare Complete Knockouts in Humans: Population Distribution and Significant Role in Autism Spectrum Disorders. Neuron, 2013, 77, 235-242. | 3.8 | 242 |
| 64 | Using Whole-Exome Sequencing to Identify Inherited Causes of Autism. Neuron, 2013, 77, 259-273. | 3.8 | 383 |
| 65 | Mutations in DSTYK and Dominant Urinary Tract Malformations. New England Journal of Medicine, 2013, 369, 621-629. | 13.9 | 119 |
| 66 | Integrated Model of De Novo and Inherited Genetic Variants Yields Greater Power to Identify Risk Genes. PLoS Genetics, 2013, 9, e1003671. | 1.5 | 253 |
| 67 | Copy-Number Disorders Are a Common Cause of Congenital Kidney Malformations. American Journal of Human Genetics, 2012, 91, 987-997. | 2.6 | 201 |
| 68 | The Autism Sequencing Consortium: Large-Scale, High-Throughput Sequencing in Autism Spectrum Disorders. Neuron, 2012, 76, 1052-1056. | 3.8 | 153 |
| 69 | Rare Copy Number Variants in Tourette Syndrome Disrupt Genes in Histaminergic Pathways and Overlap with Autism. Biological Psychiatry, 2012, 71, 392-402. | 0.7 | 167 |
| 70 | Mutations in BCKD-kinase Lead to a Potentially Treatable Form of Autism with Epilepsy. Science, 2012, 338, 394-397. | 6.0 | 272 |
| 71 | The Emerging Biology of Autism Spectrum Disorders. Science, 2012, 337, 1301-1303. | 6.0 | 147 |
| 72 | Genome-wide Transcriptome Profiling Reveals the Functional Impact of Rare De Novo and Recurrent CNVs in Autism Spectrum Disorders. American Journal of Human Genetics, 2012, 91, 38-55. | 2.6 | 160 |

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|---|---|---|---|
| 73 | Common genetic variants, acting additively, are a major source of risk for autism. Molecular Autism, 2012, 3, 9. | 2.6 | 357 |
| 74 | De novo mutations revealed by whole-exome sequencing are strongly associated with autism. Nature, 2012, 485, 237-241. | 13.7 | 1,863 |
| 75 | The Erosion of Phenotypic Specificity in Psychiatric Genetics: Emerging Lessons from CNTNAP2. Biological Psychiatry, 2011, 69, 816-817. | 0.7 | 5 |
| 76 | The genetics of Tourette disorder. Current Opinion in Genetics and Development, 2011, 21, 302-309. | 1.5 | 41 |
| 77 | Multiple Recurrent De Novo CNVs, Including Duplications of the 7q11.23 Williams Syndrome Region, Are Strongly Associated with Autism. Neuron, 2011, 70, 863-885. | 3.8 | 1,146 |
| 78 | Recent advances in Tourette syndrome. Current Opinion in Neurology, 2011, 24, 119-125. | 1.8 | 77 |
| 79 | The conundrums of understanding genetic risks for autism spectrum disorders. Nature Neuroscience, 2011, 14, 1499-1506. | 7.1 | 287 |
| 80 | Use of array CGH to detect exonic copy number variants throughout the genome in autism families detects a novel deletion in TMLHE. Human Molecular Genetics, 2011, 20, 4360-4370. | 1.4 | 101 |
| 81 | Reply to 3p deletion and (skewed) literature review. American Journal of Medical Genetics, Part A, 2010, 152A, 1060-1060. | 0.7 | 0 |
| 82 | Whole-exome sequencing identifies recessive WDR62 mutations in severe brain malformations. Nature, 2010, 467, 207-210. | 13.7 | 457 |
| 83 | Genome-wide association study of intracranial aneurysm identifies three new risk loci. Nature Genetics, 2010, 42, 420-425. | 9.4 | 262 |
| 84 | L-Histidine Decarboxylase and Tourette's Syndrome. New England Journal of Medicine, 2010, 362, 1901-1908. | 13.9 | 304 |
| 85 | The Genetics of Child Psychiatric Disorders: Focus on Autism and Tourette Syndrome. Neuron, 2010, 68, 254-269. | 3.8 | 156 |
| 86 | Developmentally regulated and evolutionarily conserved expression of SLITRK1 in brain circuits implicated in Tourette syndrome. Journal of Comparative Neurology, 2009, 513, 21-37. | 0.9 | 84 |
| 87 | Common genetic variants on 5p14.1 associate with autism spectrum disorders. Nature, 2009, 459, 528-533. | 13.7 | 912 |
| 88 | Autism and autism spectrum disorders: diagnostic issues for the coming decade. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2009, 50, 108-115. | 3.1 | 169 |
| 89 | Functional and Evolutionary Insights into Human Brain Development through Global Transcriptome Analysis. Neuron, 2009, 62, 494-509. | 3.8 | 555 |
| 90 | Autism genetics: strategies, challenges, and opportunities. Autism Research, 2008, 1, 4-17. | 2.1 | 123 |

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|---|---|---|---|
| 91 | Rare independent mutations in renal salt handling genes contribute to blood pressure variation. Nature Genetics, 2008, 40, 592-599. | 9.4 | 728 |
| 92 | Susceptibility loci for intracranial aneurysm in European and Japanese populations. Nature Genetics, 2008, 40, 1472-1477. | 9.4 | 247 |
| 93 | Molecular Cytogenetic Analysis and Resequencing of Contactin Associated Protein-Like 2 in Autism Spectrum Disorders. American Journal of Human Genetics, 2008, 82, 165-173. | 2.6 | 494 |
| 94 | Recent Advances in the Genetics of Autism. Biological Psychiatry, 2007, 61, 429-437. | 0.7 | 170 |
| 95 | Mapping autism risk loci using genetic linkage and chromosomal rearrangements. Nature Genetics, 2007, 39, 319-328. | 9.4 | 1,272 |
| 96 | A surprising METamorphosis: Autism genetics finds a common functional variant. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16621-16622. | 3.3 | 3 |
| 97 | Syndromic patent ductus arteriosus: Evidence for haploinsufficient TFAP2B mutations and identification of a linked sleep disorder. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2975-2979. | 3.3 | 85 |
| 98 | Mapping a Mendelian Form of Intracranial Aneurysm to 1p34.3-p36.13. American Journal of Human Genetics, 2005, 76, 172-179. | 2.6 | 80 |
| 99 | Sequence Variants in SLITRK1 Are Associated with Tourette's Syndrome. Science, 2005, 310, 317-320. | 6.0 | 878 |
| 100 | Disruption of Contactin 4 (CNTN4) Results in Developmental Delay and Other Features of 3p Deletion Syndrome. American Journal of Human Genetics, 2004, 74, 1286-1293. | 2.6 | 162 |
| 101 | Epigenetic abnormalities associated with a chromosome 18(q21-q22) inversion and a Gilles de la Tourette syndrome phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4684-4689. | 3.3 | 73 |
| 102 | Effects of Electroconvulsive Therapy in Adolescents with Severe Endogenous Depression Resistant to Pharmacotherapy. Biological Psychiatry, 1998, 43, 335-338. | 0.7 | 66 |
| 103 | Cerebrospinal fluid levels of oxytocin in Praderâ€“Willi syndrome: a preliminary report. Biological Psychiatry, 1998, 44, 1349-1352. | 0.7 | 84 |
| 104 | Prader-Willi Syndrome. American Journal of Psychiatry, 1998, 155, 1265-1273. | 4.0 | 53 |