# Robert M Joseph

List of Publications by Year
in descending order

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|---|---|---|---|
| 94<br>papers | 9,118<br>citations | 76326<br>40<br>h-index | 42399<br>92<br>g-index |
| 94<br>all docs | 94<br>docs citations | 94<br>times ranked | 10555<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | CaV1.2 Calcium Channel Dysfunction Causes a Multisystem Disorder Including Arrhythmia and Autism. Cell, 2004, 119, 19-31. | 28.9 | 1,403 |
| 2 | Identifying Autism Loci and Genes by Tracing Recent Shared Ancestry. Science, 2008, 321, 218-223. | 12.6 | 688 |
| 3 | Anatomical Differences in the Mirror Neuron System and Social Cognition Network in Autism. Cerebral Cortex, 2006, 16, 1276-1282. | 2.9 | 549 |
| 4 | Using Whole-Exome Sequencing to Identify Inherited Causes of Autism. Neuron, 2013, 77, 259-273. | 8.1 | 383 |
| 5 | Cognitive profiles and social-communicative functioning in children with autism spectrum disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2002, 43, 807-821. | 5.2 | 362 |
| 6 | Identifying neurocognitive phenotypes in autism. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 303-314. | 4.0 | 331 |
| 7 | Response monitoring, repetitive behaviour and anterior cingulate abnormalities in autism spectrum disorders (ASD). Brain, 2008, 131, 2464-2478. | 7.6 | 320 |
| 8 | Performance on Cambridge Neuropsychological Test Automated Battery Subtests Sensitive to Frontal Lobe Function in People with Autistic Disorder: Evidence from the Collaborative Programs of Excellence in Autism Network. Journal of Autism and Developmental Disorders, 2004, 34, 139-150. | 2.7 | 318 |
| 9 | Holistic and part-based face recognition in children with autism. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2003, 44, 529-542. | 5.2 | 308 |
| 10 | Activation of the fusiform gyrus when individuals with autism spectrum disorder view faces. NeuroImage, 2004, 22, 1141-1150. | 4.2 | 301 |
| 11 | Local and long-range functional connectivity is reduced in concert in autism spectrum disorders. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3107-3112. | 7.1 | 260 |
| 12 | Abnormal activation of the social brain during face perception in autism. Human Brain Mapping, 2007, 28, 441-449. | 3.6 | 257 |
| 13 | Why is visual search superior in autism spectrum disorder?. Developmental Science, 2009, 12, 1083-1096. | 2.4 | 247 |
| 14 | A Replication of the Autism Diagnostic Observation Schedule (ADOS) Revised Algorithms. Journal of the American Academy of Child and Adolescent Psychiatry, 2008, 47, 642-651. | 0.5 | 243 |
| 15 | The relationship of theory of mind and executive functions to symptom type and severity in children with autism. Development and Psychopathology, 2004, 16, 137-55. | 2.3 | 196 |
| 16 | Reduced cognitive control of response inhibition by the anterior cingulate cortex in autism spectrum disorders. NeuroImage, 2010, 52, 336-347. | 4.2 | 178 |
| 17 | Current directions in research on autism. Mental Retardation and Developmental Disabilities Research Reviews, 2001, 7, 21-29. | 3.6 | 167 |
| 18 | Affective response to eye contact and face recognition ability in children with ASD. Journal of the International Neuropsychological Society, 2008, 14, 947-955. | 1.8 | 141 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Executive Dysfunction and Its Relation to Language Ability in Verbal School-Age Children With Autism. Developmental Neuropsychology, 2005, 27, 361-378. | 1.4 | 133 |
| 20 | Neurocognitive and Academic Outcomes at Age 10 Years of Extremely Preterm Newborns. Pediatrics, 2016, 137, . | 2.1 | 111 |
| 21 | People with Williams syndrome process faces holistically. Cognition, 2003, 89, 11-24. | 2.2 | 109 |
| 22 | Elevated blood levels of inflammation-related proteins are associated with an attention problem at age 24 mo in extremely preterm infants. Pediatric Research, 2014, 75, 781-787. | 2.3 | 105 |
| 23 | An investigation of attention and affect in children with autism and Down syndrome. Journal of Autism and Developmental Disorders, 1997, 27, 385-396. | 2.7 | 100 |
| 24 | Prevalence and associated features of autism spectrum disorder in extremely low gestational age newborns at age 10 years. Autism Research, 2017, 10, 224-232. | 3.8 | 94 |
| 25 | Self-ordered pointing in children with autism: failure to use verbal mediation in the service of working memory?. Neuropsychologia, 2005, 43, 1400-1411. | 1.6 | 84 |
| 26 | Brief report: cognitive correlates of enlarged head circumference in children with autism. Journal of Autism and Developmental Disorders, 2003, 33, 209-215. | 2.7 | 80 |
| 27 | Body expressions of emotion do not trigger fear contagion in autism spectrum disorder. Social Cognitive and Affective Neuroscience, 2009, 4, 70-78. | 3.0 | 73 |
| 28 | Circulating Inflammatory-Associated Proteins in the First Month of Life and Cognitive Impairment at Age 10 Years in Children Born Extremely Preterm. Journal of Pediatrics, 2017, 180, 116-123.e1. | 1.8 | 68 |
| 29 | Structural asymmetries of language-related gray and white matter and their relationship to language function in young children with ASD. Brain Imaging and Behavior, 2014, 8, 60-72. | 2.1 | 65 |
| 30 | Extremely low gestational age and very low birthweight for gestational age are risk factors for autism spectrum disorder in a large cohort study of 10-year-old children born at 23-27 weeks' gestation. American Journal of Obstetrics and Gynecology, 2017, 216, 304.e1-304.e16. | 1.3 | 62 |
| 31 | Early visual cortex organization in autism: an fMRI study. NeuroReport, 2004, 15, 267-270. | 1.2 | 61 |
| 32 | Cognitive Development and Quality of Life Associated With BPD in 10-Year-Olds Born Preterm. Pediatrics, 2018, 141, . | 2.1 | 60 |
| 33 | Systemic Inflammation during the First Postnatal Month and the Risk of Attention Deficit Hyperactivity Disorder Characteristics among 10 year-old Children Born Extremely Preterm. Journal of NeuroImmune Pharmacology, 2017, 12, 531-543. | 4.1 | 59 |
| 34 | Model syndromes for investigating social cognitive and affective neuroscience: a comparison of autism and Williams syndrome. Social Cognitive and Affective Neuroscience, 2006, 1, 175-182. | 3.0 | 57 |
| 35 | Neurodevelopment at Age 10 Years of Children Born &lt;28 Weeks With Fetal Growth Restriction. Pediatrics, 2017, 140, . | 2.1 | 54 |
| 36 | Neurocognitive Outcomes at 10 Years of Age in Extremely Preterm Newborns with Late-Onset Bacteremia. Journal of Pediatrics, 2017, 187, 43-49.e1. | 1.8 | 51 |

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|---|---------|----|-----------|
| 37 | Co-occurrence and Severity of Neurodevelopmental Burden (Cognitive Impairment, Cerebral Palsy,) Tj ETQq1 1 0.784314 rgBT /Overl... Pediatric Neurology, 2018, 79, 45-52. | 2.1 | 51 |
| 38 | Epigenome-wide DNA methylation in placentas from preterm infants: association with maternal socioeconomic status. Epigenetics, 2019, 14, 751-765. | 2.7 | 50 |
| 39 | Predictive Validity of the Modified Checklist for Autism in Toddlers (M-CHAT) Born Very Preterm. Journal of Pediatrics, 2016, 178, 101-107.e2. | 1.8 | 49 |
| 40 | Age-Related Changes in the Anatomy of Language Regions in Autism Spectrum Disorder. Brain Imaging and Behavior, 2009, 3, 51-63. | 2.1 | 48 |
| 41 | Maternal educational status at birth, maternal educational advancement, and neurocognitive outcomes at age 10 years among children born extremely preterm. Pediatric Research, 2018, 83, 767-777. | 2.3 | 48 |
| 42 | Cognitive functioning at the age of 10 years among children born extremely preterm: a latent profile approach. Pediatric Research, 2017, 82, 614-619. | 2.3 | 42 |
| 43 | Neuropsychological frameworks for understanding autism. International Review of Psychiatry, 1999, 11, 309-324. | 2.8 | 38 |
| 44 | Activation of frontoparietal attention networks by non-predictive gaze and arrow cues. Social Cognitive and Affective Neuroscience, 2015, 10, 294-301. | 3.0 | 37 |
| 45 | Histologic chorioamnionitis and risk of neurodevelopmental impairment at age 10 years among extremely preterm infants born before 28 weeks of gestation. American Journal of Obstetrics and Gynecology, 2020, 223, 745.e1-745.e10. | 1.3 | 37 |
| 46 | Disconnectivity of the cortical ocular motor control network in autism spectrum disorders. NeuroImage, 2012, 61, 1226-1234. | 4.2 | 33 |
| 47 | Changes in Neurodevelopmental Outcomes From Age 2 to 10 Years for Children Born Extremely Preterm. Pediatrics, 2021, 147, . | 2.1 | 32 |
| 48 | Evidence for the placenta-brain axis: multi-omic kernel aggregation predicts intellectual and social impairment in children born extremely preterm. Molecular Autism, 2020, 11, 97. | 4.9 | 26 |
| 49 | Placental CpG methylation of infants born extremely preterm predicts cognitive impairment later in life. PLoS ONE, 2018, 13, e0193271. | 2.5 | 26 |
| 50 | Antecedents of Screening Positive for Attention Deficit Hyperactivity Disorder in Ten-Year-Old Children Born Extremely Preterm. Pediatric Neurology, 2018, 81, 25-30. | 2.1 | 25 |
| 51 | The risk of neurodevelopmental disorders at age 10 years associated with blood concentrations of interleukins 4 and 10 during the first postnatal month of children born extremely preterm. Cytokine, 2018, 110, 181-188. | 3.2 | 25 |
| 52 | Academic Achievement Deficits and Their Neuropsychological Correlates in Children Born Extremely Preterm. Journal of Developmental and Behavioral Pediatrics, 2017, 38, 627-637. | 1.1 | 24 |
| 53 | Impaired prioritization of novel onset stimuli in autism spectrum disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2008, 49, 1296-1303. | 5.2 | 22 |
| 54 | Neurocognitive Correlates of Attention-Deficit Hyperactivity Disorder Symptoms in Children Born at Extremely Low Gestational Age. Journal of Developmental and Behavioral Pediatrics, 2017, 38, 249-259. | 1.1 | 20 |

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|---|---------|----|-----------|
| 55 | Social Responsiveness Scale Assessment of the Preterm Behavioral Phenotype in 10-Year-Olds Born Extremely Preterm. Journal of Developmental and Behavioral Pediatrics, 2017, 38, 697-705. | 1.1 | 20 |
| 56 | Placental genomics mediates genetic associations with complex health traits and disease. Nature Communications, 2022, 13, 706. | 12.8 | 20 |
| 57 | Genomic biomarkers of prenatal intrauterine inflammation in umbilical cord tissue predict later life neurological outcomes. PLoS ONE, 2017, 12, e0176953. | 2.5 | 18 |
| 58 | The Relationship of Maternal Prepregnancy Body Mass Index and Pregnancy Weight Gain to Neurocognitive Function at Age 10 Years among Children Born Extremely Preterm. Journal of Pediatrics, 2017, 187, 50-57.e3. | 1.8 | 17 |
| 59 | Association of Circulating Proinflammatory and Anti-inflammatory Protein Biomarkers in Extremely Preterm Born Children with Subsequent Brain Magnetic Resonance Imaging Volumes and Cognitive Function at Age 10 Years. Journal of Pediatrics, 2019, 210, 81-90.e3. | 1.8 | 17 |
| 60 | Antecedents of the Child Behavior Checklist–Dysregulation Profile in Children Born Extremely Preterm. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 816-823. | 0.5 | 16 |
| 61 | Executive Dysfunction Early Postnatal Biomarkers among Children Born Extremely Preterm. Journal of NeuroImmune Pharmacology, 2019, 14, 188-199. | 4.1 | 16 |
| 62 | Neonatal Cranial Ultrasound Findings among Infants Born Extremely Preterm: Associations with Neurodevelopmental Outcomes at 10 Years of Age. Journal of Pediatrics, 2021, 237, 197-205.e4. | 1.8 | 16 |
| 63 | Exploring What's Missing: What Do Target Absent Trials Reveal About Autism Search Superiority?. Journal of Autism and Developmental Disorders, 2016, 46, 1686-1698. | 2.7 | 15 |
| 64 | Task-Dependent Changes in Frontal–Parietal Activation and Connectivity During Visual Search. Brain Connectivity, 2016, 6, 335-344. | 1.7 | 15 |
| 65 | Maternal obesity and attention-related symptoms in the preterm offspring. Early Human Development, 2017, 115, 9-15. | 1.8 | 15 |
| 66 | Early life antecedents of positive child health among 10-year-old children born extremely preterm. Pediatric Research, 2019, 86, 758-765. | 2.3 | 15 |
| 67 | Psychiatric Symptoms: Prevalence, Co-occurrence, and Functioning Among Extremely Low Gestational Age Newborns at Age 10 Years. Journal of Developmental and Behavioral Pediatrics, 2019, 40, 725-734. | 1.1 | 15 |
| 68 | Children with autism spectrum disorder show altered functional connectivity and abnormal maturation trajectories in response to inverted faces. Autism Research, 2021, 14, 1101-1114. | 3.8 | 14 |
| 69 | Neonatal systemic inflammation and the risk of low scores on measures of reading and mathematics achievement at age 10 years among children born extremely preterm. International Journal of Developmental Neuroscience, 2018, 66, 45-53. | 1.6 | 13 |
| 70 | Assessing Positive Child Health among Individuals Born Extremely Preterm. Journal of Pediatrics, 2018, 202, 44-49.e4. | 1.8 | 13 |
| 71 | Among Children Born Extremely Preterm a Higher Level of Circulating Neurotrophins Is Associated with Lower Risk of Cognitive Impairment at School Age. Journal of Pediatrics, 2018, 201, 40-48.e4. | 1.8 | 13 |
| 72 | An experimental study of word learning in minimally verbal children and adolescents with autism spectrum disorder. Autism and Developmental Language Impairments, 2019, 4, 239694151983471. | 1.6 | 12 |

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|---|---------|----|-----------| 
| 73 | Distributional Properties and Criterion Validity of a Shortened Version of the Social Responsiveness Scale: Results from the ECHO Program and Implications for Social Communication Research. Journal of Autism and Developmental Disorders, 2021, 51, 2241-2253. | 2.7 | 12 |
| 74 | Socioeconomic status and early blood concentrations of inflammation-related and neurotrophic proteins among extremely preterm newborns. PLoS ONE, 2019, 14, e0214154. | 2.5 | 11 |
| 75 | Observer variability identifying attention deficit/hyperactivity disorder in 10‑year‑old children born extremely preterm. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 1317-1322. | 1.5 | 10 |
| 76 | Neurocognitive and Health Correlates of Overweight and Obesity among Ten-Year-Old Children Born Extremely Preterm. Journal of Pediatrics, 2018, 200, 84-90.e4. | 1.8 | 9 |
| 77 | Neurocognitive and social-communicative function of children born very preterm at 10 years of age: Associations with microorganisms recovered from the placenta parenchyma. Journal of Perinatology, 2020, 40, 306-315. | 2.0 | 9 |
| 78 | Cardiometabolic Pregnancy Complications in Association With Autism-Related Traits as Measured by the Social Responsiveness Scale in ECHO. American Journal of Epidemiology, 2022, 191, 1407-1419. | 3.4 | 9 |
| 79 | Slowed Search in the Context of Unimpaired Grouping in Autism: Evidence from Multiple Conjunction Search. Autism Research, 2016, 9, 333-339. | 3.8 | 8 |
| 80 | Newborn blood gas derangements of children born extremely preterm and neurocognitive dysfunctions at age 10 years. Respiratory Physiology and Neurobiology, 2017, 242, 66-72. | 1.6 | 7 |
| 81 | Psychiatric Outcomes, Functioning, and Participation in Extremely Low Gestational Age Newborns at Age 15 Years. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 892-904.e2. | 0.5 | 7 |
| 82 | Hand Preference and Cognitive, Motor, and Behavioral Functioning in 10-Year-Old Extremely Preterm Children. Journal of Pediatrics, 2018, 195, 279-282.e3. | 1.8 | 5 |
| 83 | Antenatal and Neonatal Antecedents of Executive Dysfunctions in Extremely Preterm Children. Journal of Child Neurology, 2018, 33, 198-208. | 1.4 | 5 |
| 84 | Neurocognitive function of 10-year-old multiples born less than 28 weeks of gestational age. Journal of Perinatology, 2019, 39, 237-247. | 2.0 | 5 |
| 85 | Anxiety and Depression Correlates at Age 10 in Children Born Extremely Preterm. Journal of Pediatric Psychology, 2021, 46, 422-432. | 2.1 | 5 |
| 86 | Altered maturation and atypical cortical processing of spoken sentences in autism spectrum disorder. Progress in Neurobiology, 2021, 203, 102077. | 5.7 | 5 |
| 87 | Cortical signatures of auditory object binding in children with autism spectrum disorder are anomalous in concordance with behavior and diagnosis. PLoS Biology, 2022, 20, e3001541. | 5.6 | 4 |
| 88 | Maternal social risk, gestational age at delivery, and cognitive outcomes among adolescents born extremely preterm. Paediatric and Perinatal Epidemiology, 2022, 36, 654-664. | 1.7 | 4 |
| 89 | Antenatal and neonatal antecedents of learning limitations in 10-year old children born extremely preterm. Early Human Development, 2018, 118, 8-14. | 1.8 | 3 |
| 90 | Behavioural dysfunctions of 10‑year‑old children born extremely preterm associated with corticotropin‑releasing hormone expression in the placenta. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 1932-1936. | 1.5 | 3 |

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|---|---------|----|-----------|
| 91 | Socioemotional dysfunctions at age 10â€ years in extremely preterm newborns with late-onset bacteremia. Early Human Development, 2018, 121, 1-7. | 1.8 | 2 |
| 92 | Innovative computational approaches shed light on genetic mechanisms underlying cognitive impairment among children born extremely preterm. Journal of Neurodevelopmental Disorders, 2022, 14, 16. | 3.1 | 2 |
| 93 | Understanding positive child health. Pediatric Research, 2019, 86, 690-691. | 2.3 | 1 |
| 94 | Classification of evoked responses to inverted faces reveals both spatial and temporal cortical response abnormalities in Autism spectrum disorder. NeuroImage: Clinical, 2021, 29, 102501. | 2.7 | 1 |