

Jarrad A G Lum

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|-------------------|-------------------------|---------------|-----------------|
| 87 papers | 2,171 citations | 29 h-index | 44 g-index |
| 93 ext. papers | 2,632 ext. citations | 4 avg, IF | 5.45 L-index |

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 87 | Periodic and aperiodic neural activity displays age-dependent changes across early-to-middle childhood.. <i>Developmental Cognitive Neuroscience</i> , 2022 , 54, 101076 | 5.5 | 5 |
| 86 | Resting state electroencephalography (EEG) correlates with children's language skills: Evidence from sentence repetition.. <i>Brain and Language</i> , 2022 , 230, 105137 | 2.9 | |
| 85 | Is vegetation cover in key behaviour settings important for early childhood socioemotional function? A preregistered, cross-sectional study. <i>Developmental Science</i> , 2021 , e13200 | 4.5 | |
| 84 | Facial emotion processing and language during early-to-middle childhood development: An event related potential study.. <i>Developmental Cognitive Neuroscience</i> , 2021 , 53, 101052 | 5.5 | 1 |
| 83 | Continuous theta-burst stimulation modulates language-related inhibitory processes in bilinguals: evidence from event-related potentials. <i>Brain Structure and Function</i> , 2021 , 226, 1453-1466 | 4 | 1 |
| 82 | Implicit manual and oculomotor sequence learning in developmental language disorder. <i>Developmental Science</i> , 2021 , e13156 | 4.5 | 0 |
| 81 | A Daytime Nap Does Not Enhance the Retention of a First-Order or Second-Order Motor Sequence. <i>Frontiers in Behavioral Neuroscience</i> , 2021 , 15, 659281 | 3.5 | |
| 80 | Landscapes of becoming social: A systematic review of evidence for associations and pathways between interactions with nature and socioemotional development in children. <i>Environment International</i> , 2021 , 146, 106238 | 12.9 | 17 |
| 79 | Non-Invasive Brain Stimulation Does Not Improve Working Memory in Schizophrenia: A Meta-Analysis of Randomised Controlled Trials. <i>Neuropsychology Review</i> , 2021 , 31, 115-138 | 7.7 | 7 |
| 78 | Effect of Cognitive Bias Modification on Early Relapse Among Adults Undergoing Inpatient Alcohol Withdrawal Treatment: A Randomized Clinical Trial. <i>JAMA Psychiatry</i> , 2021 , 78, 133-140 | 14.5 | 21 |
| 77 | Alterations of procedural memory consolidation in children with developmental dyslexia. <i>Neuropsychology</i> , 2021 , 35, 185-196 | 3.8 | 7 |
| 76 | The mediating effect of language on the development of cognitive and affective theory of mind. <i>Journal of Experimental Child Psychology</i> , 2021 , 209, 105158 | 2.3 | 3 |
| 75 | The development of neural responses to emotional faces: A review of evidence from event-related potentials during early and middle childhood. <i>Developmental Cognitive Neuroscience</i> , 2021 , 51, 100992 | 5.5 | 0 |
| 74 | The Effect of Visual Articulatory Information on the Neural Correlates of Non-native Speech Sound Discrimination. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 25 | 3.3 | |
| 73 | Domain-General Learning and Memory Substrates of Reading Acquisition. <i>Mind, Brain, and Education</i> , 2020 , 14, 176-186 | 1.8 | 3 |
| 72 | Incidental learning of a visuo-motor sequence modulates saccadic amplitude: Evidence from the serial reaction time task. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2020 , 46, 1881-1891 | 2.2 | 2 |
| 71 | Concussion incidence and time-loss in Australian football: A systematic review. <i>Journal of Science and Medicine in Sport</i> , 2020 , 23, 125-133 | 4.4 | 4 |

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| 70 | Procedural memory in infancy: Evidence from implicit sequence learning in an eye-tracking paradigm. <i>Journal of Experimental Child Psychology</i> , 2020 , 191, 104733 | 2.3 | 3 |
| 69 | Sequence learning in the human brain: A functional neuroanatomical meta-analysis of serial reaction time studies. <i>NeuroImage</i> , 2020 , 207, 116387 | 7.9 | 37 |
| 68 | Meta-Analysis Reveals a Bilingual Advantage That Is Dependent on Task and Age. <i>Frontiers in Psychology</i> , 2020 , 11, 1458 | 3.4 | 21 |
| 67 | Narrative language skills of maltreated children living in out-of-home care. <i>International Journal of Speech-Language Pathology</i> , 2020 , 22, 117-128 | 2.1 | 4 |
| 66 | Meta-Analysis Reveals Gait Anomalies in Autism. <i>Autism Research</i> , 2020 , 14, 733 | 5.1 | 8 |
| 65 | Assessment of double blinding in tES research: A call for the establishment of standard procedures. <i>Brain Stimulation</i> , 2019 , 12, 1608-1609 | 5.1 | 2 |
| 64 | Effects of Anodal Transcranial Direct Current Stimulation (atDCS) on Sentence Comprehension. <i>Journal of the International Neuropsychological Society</i> , 2019 , 25, 331-335 | 3.1 | 2 |
| 63 | Learning to Expect: Predicting Sounds During Movement Is Related to Sensorimotor Association During Listening. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 215 | 3.3 | 0 |
| 62 | UPPS-P impulsive personality traits and adolescent cigarette smoking: A meta-analysis. <i>Drug and Alcohol Dependence</i> , 2019 , 197, 335-343 | 4.9 | 15 |
| 61 | Feasibility and acceptability of approach bias modification during methamphetamine withdrawal and related methamphetamine use outcomes. <i>Journal of Substance Abuse Treatment</i> , 2019 , 106, 12-18 | 4.2 | 7 |
| 60 | Dissociable implicit sequence learning mechanisms revealed by continuous theta-burst stimulation. <i>Behavioral Neuroscience</i> , 2019 , 133, 341-349 | 2.1 | 4 |
| 59 | Seeing problems that may not exist: A reply to West et al. (2018) questioning of the procedural deficit hypothesis. <i>Developmental Science</i> , 2019 , 22, e12814 | 4.5 | 13 |
| 58 | Does fMRI repetition suppression reveal mirror neuron activity in the human brain? Insights from univariate and multivariate analysis. <i>European Journal of Neuroscience</i> , 2019 , 50, 2877-2892 | 3.5 | 4 |
| 57 | Visuospatial sequence learning on the serial reaction time task modulates the P1 event-related potential. <i>Psychophysiology</i> , 2019 , 56, e13292 | 4.1 | 8 |
| 56 | Child first language and adult second language are both tied to general-purpose learning systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1487-1492 | 11.5 | 44 |
| 55 | Differential activation of brain areas in children with developmental coordination disorder during tasks of manual dexterity: An ALE meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 86, 77-84 | 2.9 | 35 |
| 54 | Suggestibility in neglected children: The influence of intelligence, language, and social skills. <i>Child Abuse and Neglect</i> , 2018 , 79, 51-60 | 4.3 | 13 |
| 53 | Cognitive impairment during pregnancy: a meta-analysis. <i>Medical Journal of Australia</i> , 2018 , 208, 35-40 | 4 | 38 |

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| 52 | Corticospinal excitability during motor imagery is reduced in young adults with developmental coordination disorder. <i>Research in Developmental Disabilities</i> , 2018 , 72, 214-224 | 2.7 | 20 |
| 51 | Changes in verbal and visuospatial working memory from Grade 1 to Grade 3 of primary school: Population longitudinal study. <i>Child: Care, Health and Development</i> , 2018 , 44, 392-400 | 2.8 | 4 |
| 50 | The influence of maltreatment history and out-of-home-care on children's language and social skills. <i>Child Abuse and Neglect</i> , 2018 , 76, 65-74 | 4.3 | 25 |
| 49 | Transcranial direct current stimulation enhances retention of a second (but not first) order conditional visuo-motor sequence. <i>Brain and Cognition</i> , 2018 , 127, 34-41 | 2.7 | 4 |
| 48 | Protocol for a randomised controlled trial of cognitive bias modification training during inpatient withdrawal from alcohol use disorder. <i>Trials</i> , 2018 , 19, 598 | 2.8 | 3 |
| 47 | Sex Differences in the Prevalence of Oppositional Defiant Disorder During Middle Childhood: a Meta-Analysis. <i>Journal of Abnormal Child Psychology</i> , 2017 , 45, 313-325 | 4 | 53 |
| 46 | Meta-analysis of the relationship between impulsivity and substance-related cognitive biases. <i>Drug and Alcohol Dependence</i> , 2017 , 172, 21-33 | 4.9 | 22 |
| 45 | Maternal multiple micronutrient supplementation and other biomedical and socioenvironmental influences on children's cognition at age 9-12 years in Indonesia: follow-up of the SUMMIT randomised trial. <i>The Lancet Global Health</i> , 2017 , 5, e217-e228 | 13.6 | 45 |
| 44 | Primary Motor Cortex Excitability Is Modulated During the Mental Simulation of Hand Movement. <i>Journal of the International Neuropsychological Society</i> , 2017 , 23, 185-193 | 3.1 | 14 |
| 43 | Acquiring research-grade ERPs on a shoestring budget: A comparison of a modified Emotiv and commercial SynAmps EEG system. <i>Psychophysiology</i> , 2017 , 54, 1393-1404 | 4.1 | 34 |
| 42 | Using Pupillometry to Investigate Sentence Comprehension in Children With and Without Specific Language Impairment. <i>Journal of Speech, Language, and Hearing Research</i> , 2017 , 60, 1648-1660 | 2.8 | 8 |
| 41 | Procedural learning in Parkinson's disease, specific language impairment, dyslexia, schizophrenia, developmental coordination disorder, and autism spectrum disorders: A second-order meta-analysis. <i>Brain and Cognition</i> , 2017 , 117, 41-48 | 2.7 | 20 |
| 40 | Echoes on the motor network: how internal motor control structures afford sensory experience. <i>Brain Structure and Function</i> , 2017 , 222, 3865-3888 | 4 | 6 |
| 39 | Procedural memory and speed of grammatical processing: Comparison between typically developing children and language impaired children. <i>Research in Developmental Disabilities</i> , 2017 , 71, 237-247 | 2.7 | 11 |
| 38 | Using non-invasive transcranial stimulation to improve motor and cognitive function in Parkinson's disease: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2017 , 7, 14840 | 4.9 | 40 |
| 37 | First-order and higher order sequence learning in specific language impairment. <i>Neuropsychology</i> , 2017 , 31, 149-159 | 3.8 | 11 |
| 36 | Learning and Overnight Retention in Declarative Memory in Specific Language Impairment. <i>PLoS ONE</i> , 2017 , 12, e0169474 | 3.7 | 17 |
| 35 | Ocular motor disturbances in autism spectrum disorders: Systematic review and comprehensive meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 69, 260-79 | 9 | 48 |

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| 34 | Transcranial electrical stimulation during sleep enhances declarative (but not procedural) memory consolidation: Evidence from a meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 63, 65-77 | 9 | 39 |
| 33 | Statistical Learning in Specific Language Impairment and Autism Spectrum Disorder: A Meta-Analysis. <i>Frontiers in Psychology</i> , 2016 , 7, 1245 | 3.4 | 62 |
| 32 | Cognitive Bias Modification Training During Inpatient Alcohol Detoxification Reduces Early Relapse: A Randomized Controlled Trial. <i>Alcoholism: Clinical and Experimental Research</i> , 2016 , 40, 2011-9 | 3.7 | 71 |
| 31 | A Meta-Analysis of Cross Sectional Studies Investigating Language in Maltreated Children. <i>Journal of Speech, Language, and Hearing Research</i> , 2015 , 58, 961-976 | 2.8 | 37 |
| 30 | The relation between receptive grammar and procedural, declarative, and working memory in specific language impairment. <i>Frontiers in Psychology</i> , 2015 , 6, 1090 | 3.4 | 39 |
| 29 | Verbal declarative memory impairments in specific language impairment are related to working memory deficits. <i>Brain and Language</i> , 2015 , 142, 76-85 | 2.9 | 29 |
| 28 | Corticospinal activity during dual tasking: a systematic review and meta-analysis of TMS literature from 1995 to 2013. <i>Neuroscience and Biobehavioral Reviews</i> , 2014 , 43, 74-87 | 9 | 8 |
| 27 | Multiple bout rTMS on spatial working memory: a comparison study of two cortical areas. <i>Biological Psychology</i> , 2014 , 100, 56-9 | 3.2 | 5 |
| 26 | A meta-analysis and meta-regression of serial reaction time task performance in Parkinson's disease. <i>Neuropsychology</i> , 2014 , 28, 945-58 | 3.8 | 42 |
| 25 | Procedural learning deficits in specific language impairment (SLI): a meta-analysis of serial reaction time task performance. <i>Cortex</i> , 2014 , 51, 1-10 | 3.8 | 130 |
| 24 | Procedural learning is impaired in dyslexia: evidence from a meta-analysis of serial reaction time studies. <i>Research in Developmental Disabilities</i> , 2013 , 34, 3460-76 | 2.7 | 124 |
| 23 | Long-term memory: A review and meta-analysis of studies of declarative and procedural memory in specific language impairment. <i>Topics in Language Disorders</i> , 2013 , 33, 282-297 | 1.3 | 31 |
| 22 | The role of verbal and nonverbal memory in the Family Pictures Subtest: data from children with specific language impairment. <i>Child Neuropsychology</i> , 2013 , 19, 648-61 | 2.7 | 3 |
| 21 | Different current intensities of anodal transcranial direct current stimulation do not differentially modulate motor cortex plasticity. <i>Neural Plasticity</i> , 2013 , 2013, 603502 | 3.3 | 59 |
| 20 | Declarative and procedural memory in Danish speaking children with specific language impairment. <i>Journal of Communication Disorders</i> , 2012 , 45, 46-58 | 1.9 | 44 |
| 19 | Working, declarative and procedural memory in specific language impairment. <i>Cortex</i> , 2012 , 48, 1138-54 | 3.8 | 211 |
| 18 | Preschool Children's Transition to Formal Schooling: The Importance of Collaboration between Teachers, Parents and Children. <i>Australasian Journal of Early Childhood</i> , 2012 , 37, 78-85 | 1 | 19 |
| 17 | Profiles of language development in pre-school children: a longitudinal latent class analysis of data from the Early Language in Victoria Study. <i>Child: Care, Health and Development</i> , 2012 , 38, 341-9 | 2.8 | 43 |

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| 16 | An examination of the associations among multiple memory systems, past tense, and vocabulary in typically developing 5-year-old children. <i>Journal of Speech, Language, and Hearing Research</i> , 2012 , 55, 989-1006 | 2.8 | 12 |
| 15 | Phonology and lexicon in a cross-linguistic perspective: the importance of phonetics--a commentary on Stoel-GammonV Relationships between lexical and phonological development in young childrenV <i>Journal of Child Language</i> , 2011 , 38, 61-8 | 2.3 | 11 |
| 14 | The PTT-20: UK normative data for 5- to 11-year-olds on a 20-item past-tense task. <i>International Journal of Language and Communication Disorders</i> , 2011 , 46, 243-8 | 2.9 | 3 |
| 13 | Relationship between verbal working memory and the SCAN-C in children with specific language impairment. <i>Language, Speech, and Hearing Services in Schools</i> , 2010 , 41, 521-30 | 2.3 | 7 |
| 12 | Longitudinal study of declarative and procedural memory in primary school-aged children. <i>Australian Journal of Psychology</i> , 2010 , 62, 139-148 | 2.3 | 19 |
| 11 | Procedural and declarative memory in children with and without specific language impairment. <i>International Journal of Language and Communication Disorders</i> , 2010 , 45, 96-107 | 2.9 | 93 |
| 10 | Serotonin discontinuation syndrome following in utero exposure to antidepressant medication: prospective controlled study. <i>Australian and New Zealand Journal of Psychiatry</i> , 2009 , 43, 846-54 | 2.6 | 47 |
| 9 | The relationship between job status, interviewing experience, gender, and police officersV adherence to open-ended questions. <i>Legal and Criminological Psychology</i> , 2009 , 14, 51-63 | 1.7 | 39 |
| 8 | Sex differences in past tense overregularization. <i>Developmental Science</i> , 2008 , 11, 882-9 | 4.5 | 15 |
| 7 | Priming vs. rhyming: orthographic and phonological representations in the left and right hemispheres. <i>Brain and Cognition</i> , 2008 , 68, 193-203 | 2.7 | 8 |
| 6 | Onset of word form recognition in English, Welsh, and EnglishWelsh bilingual infants. <i>Applied Psycholinguistics</i> , 2007 , 28, 475-493 | 1.4 | 55 |
| 5 | Analysis and control in children with SLI. <i>Journal of Speech, Language, and Hearing Research</i> , 2007 , 50, 1618-30 | 2.8 | 17 |
| 4 | The attentional blink reveals sluggish attentional shifting in adolescents with specific language impairment. <i>Brain and Cognition</i> , 2007 , 63, 287-95 | 2.7 | 47 |
| 3 | Internal representation of movement in children with developmental coordination disorder: a mental rotation task. <i>Developmental Medicine and Child Neurology</i> , 2004 , 46, 754-9 | 3.3 | 25 |
| 2 | Procedural learning in children with developmental coordination disorder. <i>Human Movement Science</i> , 2003 , 22, 515-26 | 2.4 | 60 |
| 1 | Procedural and declarative memory in children with and without specific language impairment. <i>International Journal of Language and Communication Disorders</i> , 1-1 | 2.9 | 2 |