

Jarrad A G Lum

List of Publications by Citations

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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.

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	Working, declarative and procedural memory in specific language impairment. <i>Cortex</i> , 2012 , 48, 1138-54	3.8	211
86	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
85	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
84	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
83	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
82	Statistical Learning in Specific Language Impairment and Autism Spectrum Disorder: A Meta-Analysis. <i>Frontiers in Psychology</i> , 2016 , 7, 1245	3.4	62
81	Procedural learning in children with developmental coordination disorder. <i>Human Movement Science</i> , 2003 , 22, 515-26	2.4	60
80	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
79	Onset of word form recognition in English, Welsh, and English-Welsh bilingual infants. <i>Applied Psycholinguistics</i> , 2007 , 28, 475-493	1.4	55
78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	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

70	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
69	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
68	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
67	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
66	The relationship between job status, interviewing experience, gender, and police officers' adherence to open-ended questions. <i>Legal and Criminological Psychology</i> , 2009 , 14, 51-63	1.7	39
65	Cognitive impairment during pregnancy: a meta-analysis. <i>Medical Journal of Australia</i> , 2018 , 208, 35-40	4	38
64	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
63	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
62	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	8	35
61	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
60	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
59	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
58	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
57	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
56	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
55	Meta-Analysis Reveals a Bilingual Advantage That Is Dependent on Task and Age. <i>Frontiers in Psychology</i> , 2020 , 11, 1458	3.4	21
54	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
53	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

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	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
50	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
49	Analysis and control in children with SLI. <i>Journal of Speech, Language, and Hearing Research</i> , 2007 , 50, 1618-30	2.8	17
48	Learning and Overnight Retention in Declarative Memory in Specific Language Impairment. <i>PLoS ONE</i> , 2017 , 12, e0169474	3.7	17
47	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
46	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
45	Sex differences in past tense overregularization. <i>Developmental Science</i> , 2008 , 11, 882-9	4.5	15
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	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
42	Seeing problems that may not exist: A reply to West et al.'s (2018) questioning of the procedural deficit hypothesis. <i>Developmental Science</i> , 2019 , 22, e12814	4.5	13
41	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
40	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
39	First-order and higher order sequence learning in specific language impairment. <i>Neuropsychology</i> , 2017 , 31, 149-159	3.8	11
38	Phonology and lexicon in a cross-linguistic perspective: the importance of phonetics—a commentary on Stoel-Gammon's Relationships between lexical and phonological development in young children. <i>Journal of Child Language</i> , 2011 , 38, 61-8	2.3	11
37	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
36	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
35	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

34	Visuospatial sequence learning on the serial reaction time task modulates the P1 event-related potential. <i>Psychophysiology</i> , 2019 , 56, e13292	4.1	8
33	Meta-Analysis Reveals Gait Anomalies in Autism. <i>Autism Research</i> , 2020 , 14, 733	5.1	8
32	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
31	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
30	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
29	Alterations of procedural memory consolidation in children with developmental dyslexia. <i>Neuropsychology</i> , 2021 , 35, 185-196	3.8	7
28	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
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	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
25	Dissociable implicit sequence learning mechanisms revealed by continuous theta-burst stimulation. <i>Behavioral Neuroscience</i> , 2019 , 133, 341-349	2.1	4
24	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
23	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
22	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
21	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
20	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
19	Domain-General Learning and Memory Substrates of Reading Acquisition. <i>Mind, Brain, and Education</i> , 2020 , 14, 176-186	1.8	3
18	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
17	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

16	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
15	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
14	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
13	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
12	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
11	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
10	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
9	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
8	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
7	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
6	Implicit manual and oculomotor sequence learning in developmental language disorder. <i>Developmental Science</i> , 2021 , e13156	4.5	0
5	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
4	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	
3	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	
2	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	
1	Resting state electroencephalography (EEG) correlates with children's language skills: Evidence from sentence repetition.. <i>Brain and Language</i> , 2022 , 230, 105137	2.9	