

Paula Tallal

List of Publications by Year in descending order

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103
papers

12,566
citations

31976

53
h-index

38395

95
g-index

106
all docs

106
docs citations

106
times ranked

4530
citing authors

#	ARTICLE	IF	CITATIONS
1	Providing Instruction Based on Studentsâ€™ Learning Style Preferences Does Not Improve Learning. <i>Frontiers in Psychology</i> , 2020, 11, 164.	2.1	44
2	The Birth of Neuroplasticity Interventions: A Twenty Year Perspective. <i>Literacy Studies</i> , 2018, , 299-322.	0.3	1
3	Does Modality Matter? The Effects of Reading, Listening, and Dual Modality on Comprehension. <i>SAGE Open</i> , 2016, 6, 215824401666955.	1.7	22
4	Matching learning style to instructional method: Effects on comprehension.. <i>Journal of Educational Psychology</i> , 2015, 107, 64-78.	2.9	123
5	Language Learning Impairment. , 2015, , 344-352.		1
6	Fast ForWord®. <i>Progress in Brain Research</i> , 2013, 207, 175-207.	1.4	10
7	Enhanced Syllable Discrimination Thresholds in Musicians. <i>PLoS ONE</i> , 2013, 8, e80546.	2.5	56
8	Neuroplasticity-Based Cognitive and Linguistic Skills Training Improves Reading and Writing Skills in College Students. <i>Frontiers in Psychology</i> , 2013, 4, 137.	2.1	10
9	Improving neural response to sound improves reading. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16406-16407.	7.1	17
10	Of bats and men. <i>Journal of Neurophysiology</i> , 2012, 108, 1545-1547.	1.8	6
11	Genetic Covariation Underlying Reading, Language and Related Measures in a Sample Selected for Specific Language Impairment. <i>Behavior Genetics</i> , 2011, 41, 651-659.	2.1	12
12	Increasing Genotype-Phenotype Model Determinism: Application to Bivariate Reading/Language Traits and Epistatic Interactions in Language-Impaired Families. <i>Human Heredity</i> , 2010, 70, 232-244.	0.8	24
13	Dynamic auditory processing, musical experience and language development. <i>Trends in Neurosciences</i> , 2006, 29, 382-390.	8.6	273
14	What happens when 'dyslexic' subjects do not meet the criteria for dyslexia and sensorimotor tasks are too difficult even for the controls?. <i>Developmental Science</i> , 2006, 9, 262-264.	2.4	9
15	Central Auditory Processing and Language Learning Impairments: Implications for Neuroplasticity Research. , 2005, , 355-385.		3
16	Examination of Potential Overlap in Autism and Language Loci on Chromosomes 2, 7, and 13 in Two Independent Samples Ascertained for Specific Language Impairment. <i>Human Heredity</i> , 2004, 57, 10-20.	0.8	97
17	Improving language and literacy is a matter of time. <i>Nature Reviews Neuroscience</i> , 2004, 5, 721-728.	10.2	379
18	Language Learning Disabilities. <i>Current Directions in Psychological Science</i> , 2003, 12, 206-211.	5.3	54

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19	Neural deficits in children with dyslexia ameliorated by behavioral remediation: Evidence from functional MRI. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2860-2865.	7.1	635
20	Neural Mechanisms of Language-Based Learning Impairments: Insights from Human Populations and Animal Models. Behavioral and Cognitive Neuroscience Reviews, 2003, 2, 155-178.	3.9	59
21	Specific Language Impairment in Families. Journal of Speech, Language, and Hearing Research, 2003, 46, 530-543.	1.6	88
22	Developmental language learning impairments. Development and Psychopathology, 2002, 14, 559-579.	2.3	47
23	A Major Susceptibility Locus for Specific Language Impairment Is Located on 13q21. American Journal of Human Genetics, 2002, 71, 45-55.	6.2	195
24	Infant discrimination of rapid auditory cues predicts later language impairment. Behavioural Brain Research, 2002, 136, 31-49.	2.2	332
25	Are developmental disabilities the same in children and adults?. Behavioral and Brain Sciences, 2002, 25, 768-769.	0.7	1
26	Relations between the Neural Bases of Dynamic Auditory Processing and Phonological Processing: Evidence from fMRI. Journal of Cognitive Neuroscience, 2001, 13, 687-697.	2.3	217
27	Disrupted neural responses to phonological and orthographic processing in dyslexic children: an fMRI study. NeuroReport, 2001, 12, 299-307.	1.2	338
28	Familial Aggregation in Specific Language Impairment. Journal of Speech, Language, and Hearing Research, 2001, 44, 1172-1182.	1.6	76
29	Impaired two-tone processing at rapid rates in male rats with induced microgyria. Brain Research, 2000, 871, 94-97.	2.2	22
30	Neurological and MRI profiles of children with developmental language impairment. Developmental Medicine and Child Neurology, 2000, 42, 470-475.	2.1	95
31	Speaking for Language-Impaired Children. Journal of the International Neuropsychological Society, 2000, 6, 372-373.	1.8	0
32	Impaired Processing of Complex Auditory Stimuli in Rats with Induced Cerebrocortical Microgyria: An Animal Model of Developmental Language Disabilities. Journal of Cognitive Neuroscience, 2000, 12, 828-839.	2.3	56
33	Neurological and MRI profiles of children with developmental language impairment. Developmental Medicine and Child Neurology, 2000, 42, 470-475.	2.1	4
34	Different Origin of Auditory and Phonological Processing Problems in Children With Language Impairment. Journal of Speech, Language, and Hearing Research, 1999, 42, 155-168.	1.6	245
35	Sex and Hemispheric Differences for Rapid Auditory Processing in Normal Adults. Laterality, 1999, 4, 39-50.	1.0	2
36	Children with Language Impairment Can Be Accurately Identified Using Temporal Processing Measures: A Response to Zhang and Tomblin, Brain and Language, 65, 395-403 (1998). Brain and Language, 1999, 69, 222-229.	1.6	12

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37	Language learning impairment: Integrating research and remediation. Scandinavian Journal of Psychology, 1998, 39, 197-199.	1.5	33
38	On the ontogeny of combination-sensitive neurons in speech perception. Behavioral and Brain Sciences, 1998, 21, 280-281.	0.7	0
39	Effects of sex and MK-801 on auditory-processing deficits associated with developmental microgyric lesions in rats.. Behavioral Neuroscience, 1997, 111, 404-412.	1.2	68
40	NEUROBIOLOGY OF SPEECH PERCEPTION. Annual Review of Neuroscience, 1997, 20, 331-353.	10.7	214
41	Look Who's Talking. Journal of Speech, Language, and Hearing Research, 1997, 40, 990-1001.	1.6	61
42	Auditory temporal processing thresholds, habituation, and recognition memory over the 1st year. , 1996, 19, 339-357.		69
43	A case for auditory temporal processing as an evolutionary precursor to speech processing and language function. Behavioral and Brain Sciences, 1995, 18, 189-189.	0.7	1
44	Neurobiological Basis of Speech: A Case for the Preeminence of Temporal Processing. Irish Journal of Psychology, 1995, 16, 194-219.	0.2	46
45	Speech and other central auditory processes: insights from cognitive neuroscience. Current Opinion in Neurobiology, 1995, 5, 198-204.	4.2	8
46	Comprehension and expression of affect in language-impaired children. Journal of Psycholinguistic Research, 1993, 22, 445-452.	1.3	25
47	Neurobiological Basis of Speech: A Case for the Preeminence of Temporal Processing. Annals of the New York Academy of Sciences, 1993, 682, 27-47.	3.8	716
48	Language, Learning, and Behavioral Disturbances in Childhood: A Longitudinal Perspective. Journal of the American Academy of Child and Adolescent Psychiatry, 1993, 32, 585-594.	0.5	137
49	Left Hemisphere Specialization for Auditory Temporal Processing in Rats. Annals of the New York Academy of Sciences, 1993, 682, 346-347.	3.8	12
50	Naming and Gesture by Normal and Language-impaired Children: Evidence from a Modified Rapid Automatized Naming Test. Annals of the New York Academy of Sciences, 1993, 682, 359-362.	3.8	2
51	The Neurobiology of Sensory and Language Processing in Language-Impaired Children. Journal of Cognitive Neuroscience, 1993, 5, 235-253.	2.3	268
52	Functional lateralization for auditory temporal processing in male and female rats.. Behavioral Neuroscience, 1993, 107, 844-850.	1.2	146
53	Conversations With Children Who Are Language Impaired. Journal of Speech, Language, and Hearing Research, 1993, 36, 973-978.	1.6	29
54	Delay Versus Deviance in the Language Acquisition of Language-Impaired Children. Journal of Speech, Language, and Hearing Research, 1992, 35, 373-383.	1.6	64

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55	Auditory processing abilities in non-retarded adolescents and young adults with developmental receptive language disorder and autism. <i>Brain and Language</i> , 1992, 43, 613-622.	1.6	29
56	Rapid Automatized Naming and gesture by normal and language-impaired children. <i>Brain and Language</i> , 1992, 43, 623-641.	1.6	68
57	Verbal learning and memory in language impaired children. <i>Neuropsychologia</i> , 1992, 30, 451-458.	1.6	66
58	Hormonal influences in developmental learning disabilities. <i>Psychoneuroendocrinology</i> , 1991, 16, 203-211.	2.7	58
59	Anticipatory Coarticulation in the Speech of Adults and Young Children. <i>Journal of Speech, Language, and Hearing Research</i> , 1991, 34, 1222-1232.	1.6	57
60	The neuropathology of developmental dysphasia: Behavioral, morphological, and physiological evidence for a pervasive temporal processing disorder. <i>Reading and Writing</i> , 1991, 3, 363-377.	1.7	60
61	The Neuropathology of Developmental Dysphasia: Behavioral, Morphological, and Physiological Evidence for a Pervasive Temporal Processing Disorder. <i>Neuropsychology and Cognition</i> , 1991, , 175-189.	0.6	1
62	Fine-Grained Discrimination Deficits in Language-Learning Impaired Children Are Specific Neither to the Auditory Modality Nor To Speech Perception. <i>Journal of Speech, Language, and Hearing Research</i> , 1990, 33, 616-617.	1.6	56
63	Selecting Language-Impaired Children for Research Studies: Insights from the San Diego Longitudinal Study. <i>Perceptual and Motor Skills</i> , 1990, 71, 1079-1089.	1.3	14
64	A developmental, interactive activation model of the word superiority effect. <i>Journal of Experimental Child Psychology</i> , 1990, 49, 448-487.	1.4	23
65	LATE CHILDHOOD CHANGES IN BRAIN MORPHOLOGY OBSERVABLE WITH MRI. <i>Developmental Medicine and Child Neurology</i> , 1990, 32, 379-385.	2.1	175
66	Unexpected sex-ratios in families of language/learning-impaired children. <i>Neuropsychologia</i> , 1989, 27, 987-998.	1.6	114
67	Behavioral/emotional profiles of preschool language-impaired children. <i>Development and Psychopathology</i> , 1989, 1, 51-67.	2.3	65
68	Familial Aggregation in Specific Language Impairment. <i>The Journal of Speech and Hearing Disorders</i> , 1989, 54, 167-173.	1.3	269
69	Dysphasia, Developmental. , 1989, , 50-52.		0
70	Attentional Capabilities of Reading-Impaired Children during Dichotic Presentation of Phonetic and Complex Nonphonetic Sounds. <i>Cortex</i> , 1987, 23, 237-249.	2.4	18
71	Evaluation of the efficacy of piracetam in treating information processing, reading and writing disorders in dyslexic children. <i>International Journal of Psychophysiology</i> , 1986, 4, 41-52.	1.0	26
72	The relationship between auditory temporal analysis and receptive language development: Evidence from studies of developmental language disorder. <i>Neuropsychologia</i> , 1985, 23, 527-534.	1.6	172

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73	Identification of language-impaired children on the basis of rapid perception and production skills. Brain and Language, 1985, 25, 314-322.	1.6	270
74	Temporal or phonetic processing deficit in dyslexia? That is the question. Applied Psycholinguistics, 1984, 5, 167-169.	1.1	104
75	Four-year follow-up study of language impaired children. Annals of Dyslexia, 1984, 34, 49-68.	1.7	95
76	ACOUSTIC CODING OF SPEECH AND NORMAL LIMITS ON TRANSFER OF INFORMATION: DISCUSSION PAPER. Annals of the New York Academy of Sciences, 1983, 405, 64-65.	3.8	0
77	Cognitive Abilities of Language-Delayed Children. Journal of Psychology: Interdisciplinary and Applied, 1983, 114, 9-19.	1.6	9
78	A precise timing mechanism may underlie a common speech perception and production area in the peri-Sylvian cortex of the dominant hemisphere. Behavioral and Brain Sciences, 1983, 6, 219-220.	0.7	16
79	Perceptual Prerequisites for Language Development ¹¹ The research reported in this chapter was funded in part by an NINCDS contract number NS52 323. , 1983, , 97-106.		3
80	Perceptual/motor profiles of reading impaired children with or without concomitant oral language deficits. Annals of Dyslexia, 1982, 32, 163-176.	1.7	74
81	Quantification of Language Abilities in Children. Speech and Language: Advances in Basic Research and Practice, 1982, , 149-184.	0.1	1
82	Language disabilities in children: Perceptual correlates. International Journal of Pediatric Otorhinolaryngology, 1981, 3, 1-13.	1.0	26
83	Temporal processing as related to hemispheric specialization for speech perception in normal and language impaired populations. Behavioral and Brain Sciences, 1981, 4, 77-78.	0.7	7
84	A Reexamination of Some Nonverbal Perceptual Abilities of Language-Impaired and Normal Children as a Function of Age and Sensory Modality. Journal of Speech, Language, and Hearing Research, 1981, 24, 351-357.	1.6	120
85	Neurological status of language-impaired and normal children. Annals of Neurology, 1981, 10, 159-163.	5.3	104
86	Speech acousticâ€™ue discrimination abilities of normally developing and languageâ€™impaired children. Journal of the Acoustical Society of America, 1981, 69, 568-574.	1.1	248
87	Selection of Children with Specific Language Deficits. The Journal of Speech and Hearing Disorders, 1981, 46, 114-122.	1.3	417
88	Developmental dysphasia: Relation between acoustic processing deficits and verbal processing. Neuropsychologia, 1980, 18, 273-284.	1.6	75
89	Language and reading: Some perceptual prerequisites. Bulletin of the Orton Society, 1980, 30, 170-178.	0.5	36
90	Perceptual constancy for phonemic categories: a developmental study with normal and language impaired children. Applied Psycholinguistics, 1980, 1, 49-64.	1.1	23

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91	Temporal processing, speech perception and hemispheric asymmetry. Trends in Neurosciences, 1980, 3, 309-311.	8.6	131
92	Auditory temporal perception, phonics, and reading disabilities in children. Brain and Language, 1980, 9, 182-198.	1.6	1,244
93	Analysis of stop consonant production errors in developmentally dysphasic children. Journal of the Acoustical Society of America, 1979, 66, 1703-1712.	1.1	55
94	Impairment of auditory perception and language comprehension in dysphasia. Brain and Language, 1978, 5, 13-24.	1.6	342
95	A Novel Reinforcement Procedure for Use in Perceptual Experiments with Normal and Language-Impaired Children. Perceptual and Motor Skills, 1978, 47, 264-266.	1.3	3
96	Relation between speech perception and speech production impairment in children with developmental dysphasia. Brain and Language, 1976, 3, 305-317.	1.6	76
97	Rapid Auditory Processing in Normal and Disordered Language Development. Journal of Speech and Hearing Research, 1976, 19, 561-571.	0.7	162
98	Perceptual and Linguistic Factors in the Language Impairment of Developmental Dysphasics: An Experimental Investigation With the Token Test. Cortex, 1975, 11, 196-205.	2.4	48
99	Developmental aphasia: The perception of brief vowels and extended stop consonants. Neuropsychologia, 1975, 13, 69-74.	1.6	379
100	A Different View of "Auditory Processing Factors in Language Disorders". The Journal of Speech and Hearing Disorders, 1975, 40, 413-414.	1.3	4
101	Developmental aphasia: Rate of auditory processing and selective impairment of consonant perception. Neuropsychologia, 1974, 12, 83-93.	1.6	508
102	Defects of Non-Verbal Auditory Perception in Children with Developmental Aphasia. Nature, 1973, 241, 468-469.	27.8	677
103	Developmental aphasia: impaired rate of non-verbal processing as a function of sensory modality. Neuropsychologia, 1973, 11, 389-398.	1.6	564