

Adam T Tierney

List of Publications by Year in descending order

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57
papers

2,194
citations

304743

22
h-index

254184

43
g-index

67
all docs

67
docs citations

67
times ranked

1668
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In Vivo</i> Functional and Myeloarchitectonic Mapping of Human Primary Auditory Areas. <i>Journal of Neuroscience</i> , 2012, 32, 16095-16105.	3.6	206
2	Beat synchronization predicts neural speech encoding and reading readiness in preschoolers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14559-14564.	7.1	169
3	The ability to tap to a beat relates to cognitive, linguistic, and perceptual skills. <i>Brain and Language</i> , 2013, 124, 225-231.	1.6	122
4	Music training alters the course of adolescent auditory development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10062-10067.	7.1	121
5	The Ability to Move to a Beat Is Linked to the Consistency of Neural Responses to Sound. <i>Journal of Neuroscience</i> , 2013, 33, 14981-14988.	3.6	115
6	Musicians have fine-tuned neural distinction of speech syllables. <i>Neuroscience</i> , 2012, 219, 111-119.	2.3	112
7	Music Training for the Development of Reading Skills. <i>Progress in Brain Research</i> , 2013, 207, 209-241.	1.4	96
8	Auditory-motor entrainment and phonological skills: precise auditory timing hypothesis (PATH). <i>Frontiers in Human Neuroscience</i> , 2014, 8, 949.	2.0	90
9	Speech versus Song: Multiple Pitch-Sensitive Areas Revealed by a Naturally Occurring Musical Illusion. <i>Cerebral Cortex</i> , 2013, 23, 249-254.	2.9	88
10	Effects of Open-Set and Closed-Set Task Demands on Spoken Word Recognition. <i>Journal of the American Academy of Audiology</i> , 2006, 17, 331-349.	0.7	81
11	Neural Entrainment to the Rhythmic Structure of Music. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 400-408.	2.3	67
12	The motor origins of human and avian song structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15510-15515.	7.1	58
13	Effects of Early Musical Experience on Auditory Sequence Memory. <i>Empirical Musicology Review</i> , 2008, 3, 178-186.	0.2	58
14	High school music classes enhance the neural processing of speech. <i>Frontiers in Psychology</i> , 2013, 4, 855.	2.1	54
15	Beat Synchronization across the Lifespan: Intersection of Development and Musical Experience. <i>PLoS ONE</i> , 2015, 10, e0128839.	2.5	44
16	At-Risk Elementary School Children with One Year of Classroom Music Instruction Are Better at Keeping a Beat. <i>PLoS ONE</i> , 2013, 8, e77250.	2.5	42
17	Individual Differences in Rhythm Skills: Links with Neural Consistency and Linguistic Ability. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 855-868.	2.3	37
18	Neural responses to sounds presented on and off the beat of ecologically valid music. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 14.	2.5	34

#	ARTICLE	IF	CITATIONS
19	Successful second language learning is tied to robust domain-general auditory processing and stable neural representation of sound. <i>Brain and Language</i> , 2019, 192, 15-24.	1.6	34
20	Evidence for Multiple Rhythmic Skills. <i>PLoS ONE</i> , 2015, 10, e0136645.	2.5	34
21	Continued maturation of auditory brainstem function during adolescence: A longitudinal approach. <i>Clinical Neurophysiology</i> , 2015, 126, 2348-2355.	1.5	32
22	Got Rhythm? Better Inhibitory Control Is Linked with More Consistent Drumming and Enhanced Neural Tracking of the Musical Beat in Adult Percussionists and Nonpercussionists. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 14-24.	2.3	27
23	Domain-general auditory processing as an anchor of post-pubertal second language pronunciation learning: Behavioural and neurophysiological investigations of perceptual acuity, age, experience, development, and attainment. <i>Journal of Memory and Language</i> , 2020, 115, 104168.	2.1	26
24	Developmental changes in resting gamma power from age three to adulthood. <i>Clinical Neurophysiology</i> , 2013, 124, 1040-1042.	1.5	25
25	Dimension-selective attention as a possible driver of dynamic, context-dependent re-weighting in speech processing. <i>Hearing Research</i> , 2018, 366, 50-64.	2.0	25
26	Explicit and implicit aptitude effects on second language speech learning: Scrutinizing segmental and suprasegmental sensitivity and performance via behavioural and neurophysiological measures. <i>Bilingualism</i> , 2019, 22, 1123-1140.	1.3	25
27	Intertrial auditory neural stability supports beat synchronization in preschoolers. <i>Developmental Cognitive Neuroscience</i> , 2016, 17, 76-82.	4.0	23
28	Tailored perception: Individuals' speech and music perception strategies fit their perceptual abilities.. <i>Journal of Experimental Psychology: General</i> , 2020, 149, 914-934.	2.1	23
29	Hemispheric Asymmetry of Endogenous Neural Oscillations in Young Children: Implications for Hearing Speech In Noise. <i>Scientific Reports</i> , 2016, 6, 19737.	3.3	22
30	Acoustic foundations of the speech-to-song illusion.. <i>Journal of Experimental Psychology: General</i> , 2018, 147, 888-904.	2.1	22
31	Successful non-native speech perception is linked to frequency following response phase consistency. <i>Cortex</i> , 2017, 93, 146-154.	2.4	21
32	Effects of language experience on domain-general perceptual strategies. <i>Cognition</i> , 2021, 206, 104481.	2.2	20
33	Incorporation of feedback during beat synchronization is an index of neural maturation and reading skills. <i>Brain and Language</i> , 2017, 164, 43-52.	1.6	18
34	Getting back on the beat: links between auditory-motor integration and precise auditory processing at fast time scales. <i>European Journal of Neuroscience</i> , 2016, 43, 782-791.	2.6	17
35	Speech-in-speech perception, nonverbal selective attention, and musical training.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2020, 46, 968-979.	0.9	17
36	Global Music Recordings Support the Motor Constraint Hypothesis for Human and Avian Song Contour. <i>Music Perception</i> , 2017, 34, 327-334.	1.1	16

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37	Domain-general auditory processing determines success in second language pronunciation learning in adulthood: A longitudinal study. <i>Applied Psycholinguistics</i> , 2020, 41, 1083-1112.	1.1	16
38	Attentional modulation of neural entrainment to sound streams in children with and without ADHD. <i>NeuroImage</i> , 2021, 224, 117396.	4.2	16
39	Longitudinal maturation of auditory cortical function during adolescence. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 530.	2.0	13
40	Domain-€General Auditory Processing Partially Explains Second Language Speech Learning in Classroom Settings: A Review and Generalization Study. <i>Language Learning</i> , 2021, 71, 669-715.	2.7	13
41	Altered functional connectivity during speech perception in congenital amusia. <i>ELife</i> , 2020, 9, .	6.0	12
42	Resting gamma power is linked to reading ability in adolescents. <i>Developmental Science</i> , 2014, 17, 86-93.	2.4	11
43	Effects of auditory selective attention on neural phase: individual differences and short-term training. <i>NeuroImage</i> , 2020, 213, 116717.	4.2	10
44	A LONGITUDINAL INVESTIGATION OF EXPLICIT AND IMPLICIT AUDITORY PROCESSING IN L2 SEGMENTAL AND SUPRASEGMENTAL ACQUISITION. <i>Studies in Second Language Acquisition</i> , 2021, 43, 551-573.	2.6	9
45	DOMAIN-GENERAL AUDITORY PROCESSING EXPLAINS MULTIPLE DIMENSIONS OF L2 ACQUISITION IN ADULTHOOD. <i>Studies in Second Language Acquisition</i> , 2022, 44, 57-86.	2.6	9
46	Speech-in-noise perception is linked to rhythm production skills in adult percussionists and non-musicians. <i>Language, Cognition and Neuroscience</i> , 2018, 33, 710-717.	1.2	8
47	Reading ability in children relates to rhythm perception across modalities. <i>Journal of Experimental Child Psychology</i> , 2021, 210, 105196.	1.4	8
48	Successful second language pronunciation learning is linked to domain-general auditory processing rather than music aptitude. <i>Second Language Research</i> , 2022, 38, 477-497.	2.0	7
49	How Does Having a Good Ear Promote Instructed Second Language Pronunciation Development? Roles of Domain-€General Auditory Processing in Choral Repetition Training. <i>TESOL Quarterly</i> , 2023, 57, 33-63.	2.9	6
50	Individual differences in perception of the speech-to-song illusion are linked to musical aptitude but not musical training.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2021, 47, 1681-1697.	0.9	6
51	Repetition Enhances the Musicality of Speech and Tone Stimuli to Similar Degrees. <i>Music Perception</i> , 2018, 35, 573-578.	1.1	5
52	General Intelligence and Modality-specific Differences in Performance: A Response to Schellenberg (2008). <i>Empirical Musicology Review</i> , 2009, 4, 37-39.	0.2	3
53	Listening in the Moment: How Bilingualism Interacts With Task Demands to Shape Active Listening. <i>Frontiers in Neuroscience</i> , 2021, 15, 717572.	2.8	3
54	Roles of domain-general auditory processing in spoken second-language vocabulary attainment in adulthood. <i>Applied Psycholinguistics</i> , 0, , 1-26.	1.1	2

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55	Does domain-general auditory processing uniquely explain the outcomes of second language speech acquisition, even once cognitive and demographic variables are accounted for?. <i>Bilingualism</i> , 0, , 1-13.	1.3	2
56	Dimension-selective attention and dimensional salience modulate cortical tracking of acoustic dimensions. <i>NeuroImage</i> , 2021, 244, 118544.	4.2	1
57	Slow phase-locked modulations support selective attention to sound. <i>NeuroImage</i> , 2022, 252, 119024.	4.2	0