

Dani Byrd

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,338
citations

218592

26
h-index

168321

53
g-index

66
all docs

66
docs citations

66
times ranked

1429
citing authors

#	ARTICLE	IF	CITATIONS
1	An approach to real-time magnetic resonance imaging for speech production. Journal of the Acoustical Society of America, 2004, 115, 1771-1776.	0.5	256
2	Auditory Selective Attention: An fMRI Investigation. NeuroImage, 1996, 4, 159-173.	2.1	233
3	Influences on articulatory timing in consonant sequences. Journal of Phonetics, 1996, 24, 209-244.	0.6	231
4	The elastic phrase: modeling the dynamics of boundary-adjacent lengthening. Journal of Phonetics, 2003, 31, 149-180.	0.6	226
5	Relations of sex and dialect to reduction. Speech Communication, 1994, 15, 39-54.	1.6	218
6	Dynamic action units slip in speech production errors. Cognition, 2007, 103, 386-412.	1.1	179
7	Intragesural dynamics of multiple prosodic boundaries. Journal of Phonetics, 1998, 26, 173-199.	0.6	153
8	The role of vocal tract gestural action units in understanding the evolution of phonology. , 2006, , 215-249.		134
9	How far, how long: On the temporal scope of prosodic boundary effects. Journal of the Acoustical Society of America, 2006, 120, 1589-1599.	0.5	125
10	Real-time magnetic resonance imaging and electromagnetic articulography database for speech production research (TC). Journal of the Acoustical Society of America, 2014, 136, 1307-1311.	0.5	120
11	Articulatory Vowel Lengthening and Coordination at Phrasal Junctures. Phonetica, 2000, 57, 3-16.	0.3	113
12	Saying consonant clusters quickly. Journal of Phonetics, 1996, 24, 263-282.	0.6	94
13	Task-dynamics of gestural timing: Phase windows and multifrequency rhythms. Human Movement Science, 2000, 19, 499-526.	0.6	94
14	Preliminary results on speaker-dependent variation in the TIMIT database. Journal of the Acoustical Society of America, 1992, 92, 593-596.	0.5	82
15	Seeing speech: Capturing vocal tract shaping using real-time magnetic resonance imaging [Exploratory DSP]. IEEE Signal Processing Magazine, 2008, 25, 123-132.	4.6	82
16	A Phase Window Framework for Articulatory Timing. Phonology, 1996, 13, 139-169.	0.3	73
17	C-Centers Revisited. Phonetica, 1995, 52, 285-306.	0.3	64
18	Timing effects of syllable structure and stress on nasals: A real-time MRI examination. Journal of Phonetics, 2009, 37, 97-110.	0.6	64

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19	An investigation of articulatory setting using real-time magnetic resonance imaging. Journal of the Acoustical Society of America, 2013, 134, 510-519.	0.5	64
20	Geometry, kinematics, and acoustics of Tamil liquid consonants. Journal of the Acoustical Society of America, 1999, 106, 1993-2007.	0.5	54
21	Perception of Assimilation in Consonants Clusters:A Gestural Model. Phonetica, 1992, 49, 1-24.	0.3	50
22	Paralinguistic mechanisms of production in human "beatboxing": A real-time magnetic resonance imaging study. Journal of the Acoustical Society of America, 2013, 133, 1043-1054.	0.5	46
23	Interacting effects of syllable and phrase position on consonant articulation. Journal of the Acoustical Society of America, 2005, 118, 3860-3873.	0.5	41
24	Prosodic boundary strength: An articulatory and perceptual study. Journal of Phonetics, 2012, 40, 430-442.	0.6	36
25	Phonetic analyses of word and segment variation using the TIMIT corpus of American english. Speech Communication, 1994, 14, 131-142.	1.6	35
26	Spatiotemporal coupling between speech and manual motor actions. Journal of Phonetics, 2014, 42, 1-11.	0.6	34
27	Analysis of pausing behavior in spontaneous speech using real-time magnetic resonance imaging of articulation. Journal of the Acoustical Society of America, 2009, 126, EL160-EL165.	0.5	26
28	3D dynamic MRI of the vocal tract during natural speech. Magnetic Resonance in Medicine, 2019, 81, 1511-1520.	1.9	26
29	Gestural overlap and recoverability: Articulatory evidence from Georgian. , 0, , .		25
30	Functional data analysis of prosodic effects on articulatory timing. Journal of the Acoustical Society of America, 2006, 119, 1666-1671.	0.5	23
31	Locality interactions with prominence in determining the scope of phrasal lengthening. Journal of the International Phonetic Association, 2008, 38, 187-202.	0.6	23
32	An articulatory view of Kinyarwanda coronal harmony. Phonology, 2008, 25, 499-535.	0.3	22
33	Using Regions and Indices in EPG Data Reduction. Journal of Speech, Language, and Hearing Research, 1995, 38, 821-827.	0.7	20
34	An articulatory examination of word-final flapping at phrase edges and interiors. Journal of the International Phonetic Association, 2005, 35, 45-58.	0.6	20
35	A multispeaker dataset of raw and reconstructed speech production real-time MRI video and 3D volumetric images. Scientific Data, 2021, 8, 187.	2.4	16
36	The Distinctions Between State, Parameter and Graph Dynamics in Sensorimotor Control and Coordination. , 2006, , 63-73.		16

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37	Gestural overlap and recoverability: Articulatory evidence from Georgian. , 2002, , 419-448.		15
38	Database of Volumetric and Real-Time Vocal Tract MRI for Speech Science. , 0, , .		14
39	Phrase boundary effects on the temporal kinematics of sequential tongue tip consonants. Journal of the Acoustical Society of America, 2008, 123, 4456-4465.	0.5	13
40	Evaluation of prosodic juncture strength using functional data analysis. Journal of Phonetics, 2013, 41, 442-452.	0.6	11
41	Improved 3D real-time MRI of speech production. Magnetic Resonance in Medicine, 2021, 85, 3182-3195.	1.9	11
42	Intermittently tagged real-time MRI reveals internal tongue motion during speech production. Magnetic Resonance in Medicine, 2019, 82, 600-613.	1.9	9
43	Cracking Prosody in Articulatory Phonology. Annual Review of Linguistics, 2021, 7, 31-53.	1.2	9
44	Illustrating the Production of the International Phonetic Alphabet Sounds Using Fast Real-Time Magnetic Resonance Imaging. , 0, , .		8
45	Advances in vocal tract imaging and analysis. , 2019, , 34-50.		7
46	Articulatory, acoustic, and prosodic accommodation in a cooperative maze navigation task. PLoS ONE, 2018, 13, e0201444.	1.1	6
47	Aliasing artifact reduction in spiral real-time MRI. Magnetic Resonance in Medicine, 2021, 86, 916-925.	1.9	6
48	Engineering Innovation in Speech Science: Data and Technologies. Perspectives of the ASHA Special Interest Groups, 2019, 4, 411-420.	0.4	6
49	Pharyngeal constriction in English diphthong production. Proceedings of Meetings on Acoustics, 2013, , .	0.3	6
50	Syllable-internal corrective focus in Korean. Journal of Phonetics, 2019, 77, 100933.	0.6	5
51	The role of speech planning in the articulation of pauses. Journal of the Acoustical Society of America, 2022, 151, 402-413.	0.5	5
52	Simultaneous electromagnetic articulography and electroglottography data acquisition of natural speech. Journal of the Acoustical Society of America, 2018, 144, EL380-EL385.	0.5	4
53	Who converges? Variation reveals individual speaker adaptability. Speech Communication, 2021, 131, 23-34.	1.6	4
54	Co-Speech Movement in Conversational Turn-Taking. Frontiers in Communication, 2021, 6, .	0.6	3

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55	Palatogram Reading as a Phonetic Skill: a Short Tutorial. Journal of the International Phonetic Association, 1994, 24, 21-34.	0.6	2
56	Improved real-time tagged MRI using REALTAG. Magnetic Resonance in Medicine, 2020, 84, 838-846.	1.9	2
57	Pitch and duration of yes-no questions in Nchufie. Journal of the International Phonetic Association, 1992, 22, 12-26.	0.6	1
58	How an aglossic speaker produces an alveolar-like percept without a functional tongue tip. Journal of the Acoustical Society of America, 2020, 147, EL460-EL464.	0.5	1
59	Palatogram Reading as a Phonetic Skill: a Short Tutorial. Journal of the International Phonetic Association, 1993, 23, 59-72.	0.6	0
60	Palatogram reading as a phonetic skill: the answer to issue 24(1)'s EPG "mystery" sentence. Journal of the International Phonetic Association, 1995, 25, 65-70.	0.6	0