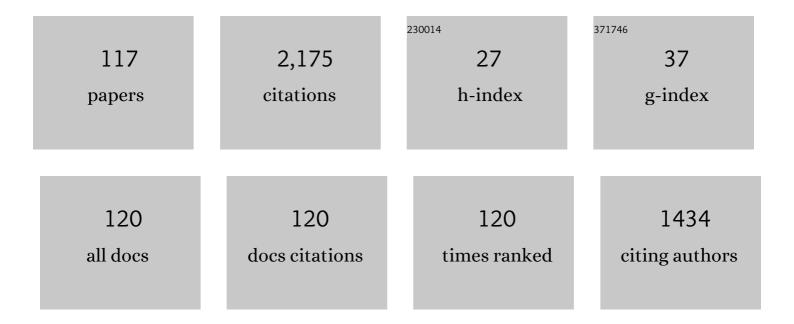
Cara E Stepp

List of Publications by Year in descending order

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CADA E STEDD

#	Article	lF	CITATIONS
1	Acoustic Measures of Voice and Physiologic Measures of Autonomic Arousal During Speech as a Function of Cognitive Load in Older Adults. Journal of Voice, 2023, 37, 194-202.	0.6	6
2	Effects of Sidetone Amplification on Vocal Function During Telecommunication. Journal of Voice, 2023, 37, 553-560.	0.6	7
3	Automated Relative Fundamental Frequency Algorithms for Use With Neck-Surface Accelerometer Signals. Journal of Voice, 2022, 36, 156-169.	0.6	4
4	Assessing Ecologically Valid Methods of Auditory Feedback Measurement in Individuals With Typical Speech. Journal of Speech, Language, and Hearing Research, 2022, 65, 121-135.	0.7	1
5	What Can Altered Auditory Feedback Paradigms Tell Us About Vocal Motor Control in Individuals With Voice Disorders?. Perspectives of the ASHA Special Interest Groups, 2022, 7, 959-976.	0.4	4
6	Clinical Cutoff Scores for Acoustic Indices of Vocal Hyperfunction That Combine Relative Fundamental Frequency and Cepstral Peak Prominence. Journal of Speech, Language, and Hearing Research, 2022, 65, 1349-1369.	0.7	5
7	Effects of Age and Parkinson's Disease on the Relationship between Vocal Fold Abductory Kinematics and Relative Fundamental Frequency. Journal of Voice, 2022, , .	0.6	5
8	Voice and Speech Changes in Transmasculine Individuals Following Circumlaryngeal Massage and Laryngeal Reposturing. American Journal of Speech-Language Pathology, 2022, 31, 1368-1382.	0.9	5
9	LaDIVA: A neurocomputational model providing laryngeal motor control for speech acquisition and production. PLoS Computational Biology, 2022, 18, e1010159.	1.5	5
10	Auditory and somatosensory feedback mechanisms of laryngeal and articulatory speech motor control. Experimental Brain Research, 2022, 240, 2155-2173.	0.7	4
11	Testosterone therapy masculinizes speech and gender presentation in transgender men. Scientific Reports, 2021, 11, 3494.	1.6	19
12	Acoustic Identification of the Voicing Boundary during Intervocalic Offsets and Onsets Based on Vocal Fold Vibratory Measures. Applied Sciences (Switzerland), 2021, 11, 3816.	1.3	4
13	Vocal fold kinematics and relative fundamental frequency as a function of obstruent type and speaker age. Journal of the Acoustical Society of America, 2021, 149, 2189-2199.	0.5	5
14	Changes in Relative Fundamental Frequency Under Increased Cognitive Load in Individuals With Healthy Voices. Journal of Speech, Language, and Hearing Research, 2021, 64, 1189-1196.	0.7	7
15	The Relationship Between Voice Onset Time and Increase in Vocal Effort and Fundamental Frequency. Journal of Speech, Language, and Hearing Research, 2021, 64, 1197-1209.	0.7	2
16	Oral configurations during vowel nasalization in English. Speech Communication, 2021, 129, 17-24.	1.6	2
17	The Effect of Visual Sort and Rate Versus Visual Analog Scales on the Reliability of Judgments of Dysphonia. Journal of Speech, Language, and Hearing Research, 2021, 64, 1571-1580.	0.7	5
18	Physics of phonation offset: Towards understanding relative fundamental frequency observations. Journal of the Acoustical Society of America, 2021, 149, 3654-3664.	0.5	9

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19	Impaired auditory discrimination and auditory-motor integration in hyperfunctional voice disorders. Scientific Reports, 2021, 11, 13123.	1.6	22
20	Accuracy of Acoustic Measures of Voice via Telepractice Videoconferencing Platforms. Journal of Speech, Language, and Hearing Research, 2021, 64, 2586-2599.	0.7	18
21	Reliability and Accuracy of Expert Auditory-Perceptual Evaluation of Voice via Telepractice Platforms. American Journal of Speech-Language Pathology, 2021, 30, 2446-2455.	0.9	11
22	Hey Siri: How Effective are Common Voice Recognition Systems at Recognizing Dysphonic Voices?. Laryngoscope, 2021, 131, 1599-1607.	1.1	11
23	Feedback and Feedforward Auditory-Motor Processes for Voice and Articulation in Parkinson's Disease. Journal of Speech, Language, and Hearing Research, 2021, 64, 4682-4694.	0.7	13
24	Impact of Vocal Effort on Respiratory and Articulatory Kinematics. Journal of Speech, Language, and Hearing Research, 2021, , 1-17.	0.7	2
25	Relative Fundamental Frequency in Individuals with Globus Syndrome and Muscle Tension Dysphagia. Journal of Voice, 2021, , .	0.6	2
26	Transmasculine Voice Modification: A Case Study. Journal of Voice, 2020, 34, 903-910.	0.6	12
27	Longitudinal Case Study of Transgender Voice Changes Under Testosterone Hormone Therapy. Journal of Voice, 2020, 34, 748-762.	0.6	21
28	Cursor Click Modality in an Accelerometer-Based Computer Access Device. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1566-1572.	2.7	4
29	Relationships between vocal pitch perception and production: a developmental perspective. Scientific Reports, 2020, 10, 3912.	1.6	22
30	Listener Age and Gender Diversity: Effects on Voice-based Perception of Gender. Journal of Voice, 2020, 35, 739-745.	0.6	11
31	Integrated Head-Tilt and Electromyographic Cursor Control. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1442-1451.	2.7	8
32	Relative Fundamental Frequency in Children With and Without Vocal Fold Nodules. Journal of Speech, Language, and Hearing Research, 2020, 63, 361-371.	0.7	4
33	Voice Onset Time in Individuals With Hyperfunctional Voice Disorders: Evidence for Disordered Vocal Motor Control. Journal of Speech, Language, and Hearing Research, 2020, 63, 405-420.	0.7	15
34	An Updated Theoretical Framework for Vocal Hyperfunction. American Journal of Speech-Language Pathology, 2020, 29, 2254-2260.	0.9	63
35	Contributions of Auditory and Somatosensory Feedback to Vocal Motor Control. Journal of Speech, Language, and Hearing Research, 2020, 63, 2039-2053.	0.7	15
36	Acoustic Model of Perceived Overall Severity of Dysphonia in Adductor-Type Laryngeal Dystonia. Journal of Speech, Language, and Hearing Research, 2020, 63, 2713-2722.	0.7	8

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37	Auditory-Motor Perturbations of Voice Fundamental Frequency: Feedback Delay and Amplification. Journal of Speech, Language, and Hearing Research, 2020, 63, 2846-2860.	0.7	12
38	Acuity to Changes in Self-Generated Vocal Pitch in Parkinson's Disease. Journal of Speech, Language, and Hearing Research, 2020, 63, 3208-3214.	0.7	7
39	The Impact of Communication Modality on Voice Production. Journal of Speech, Language, and Hearing Research, 2020, 63, 2913-2920.	0.7	15
40	The Relation of Articulatory and Vocal Auditory–Motor Control in Typical Speakers. Journal of Speech, Language, and Hearing Research, 2020, 63, 3628-3642.	0.7	25
41	Formant-Estimated Vocal Tract Length and Extrinsic Laryngeal Muscle Activation During Modulation of Vocal Effort in Healthy Speakers. Journal of Speech, Language, and Hearing Research, 2020, 63, 1395-1403.	0.7	4
42	Perceptual and Acoustic Assessment of Strain Using Synthetically Modified Voice Samples. Journal of Speech, Language, and Hearing Research, 2020, 63, 3897-3908.	0.7	3
43	The Effects of Stress Type, Vowel Identity, Baseline f0, and Loudness on the Relative Fundamental Frequency of Individuals With Healthy Voices. Journal of Voice, 2019, 33, 603-610.	0.6	16
44	Refining algorithmic estimation of relative fundamental frequency: Accounting for sample characteristics and fundamental frequency estimation method. Journal of the Acoustical Society of America, 2019, 146, 3184-3202.	0.5	17
45	The Relationship Between Physiological Mechanisms and the Self-Perception of Vocal Effort. Journal of Speech, Language, and Hearing Research, 2019, 62, 815-834.	0.7	26
46	Visual Analog Scale Ratings and Orthographic Transcription Measures of Sentence Intelligibility in Parkinson's Disease With Variable Listener Exposure. American Journal of Speech-Language Pathology, 2019, 28, 1222-1232.	0.9	19
47	The Effects of Modulating Fundamental Frequency and Speech Rate on the Intelligibility, Communication Efficiency, and Perceived Naturalness of Synthetic Speech. American Journal of Speech-Language Pathology, 2019, 28, 875-886.	0.9	11
48	Adductory Vocal Fold Kinematic Trajectories During Conventional Versus High-Speed Videoendoscopy. Journal of Speech, Language, and Hearing Research, 2019, 62, 1685-1706.	0.7	14
49	Pitch Shifting With the Commercially Available Eventide Eclipse: Intended and Unintended Changes to the Speech Signal. Journal of Speech, Language, and Hearing Research, 2019, 62, 2270-2279.	0.7	14
50	Test–Retest Reliability of Relative Fundamental Frequency and Conventional Acoustic, Aerodynamic, and Perceptual Measures in Individuals With Healthy Voices. Journal of Speech, Language, and Hearing Research, 2019, 62, 1707-1718.	0.7	11
51	Categorization in the Perception of Breathy Voice Quality and Its Relation to Voice Production in Healthy Speakers. Journal of Speech, Language, and Hearing Research, 2019, 62, 3655-3666.	0.7	9
52	Optimized and Predictive Phonemic Interfaces for Augmentative and Alternative Communication. Journal of Speech, Language, and Hearing Research, 2019, 62, 2065-2081.	0.7	8
53	Relationship Between Laryngeal Sensory Deficits, Aspiration, and Pneumonia in Patients with Dysphagia. Dysphagia, 2018, 33, 192-199.	1.0	53
54	The Impact of Glottal Configuration on Speech Breathing. Journal of Voice, 2018, 32, 420-427.	0.6	7

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55	The relationship between acoustical and perceptual measures of vocal effort. Journal of the Acoustical Society of America, 2018, 144, 1643-1658.	0.5	50
56	Loudness Perception of Pure Tones in Parkinson's Disease. Journal of Speech, Language, and Hearing Research, 2018, 61, 1487-1496.	0.7	12
57	Prediction of Optimal Facial Electromyographic Sensor Configurations for Human–Machine Interface Control. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 1566-1576.	2.7	11
58	Sensorimotor adaptation of voice fundamental frequency in Parkinson's disease. PLoS ONE, 2018, 13, e0191839.	1.1	61
59	Evidence for Auditory-Motor Impairment in Individuals With Hyperfunctional Voice Disorders. Journal of Speech, Language, and Hearing Research, 2017, 60, 1545-1550.	0.7	41
60	Acoustic Measures of Voice and Physiologic Measures of Autonomic Arousal during Speech as a Function of Cognitive Load. Journal of Voice, 2017, 31, 504.e1-504.e9.	0.6	39
61	Relative Fundamental Frequency Distinguishes Between Phonotraumatic and Non-Phonotraumatic Vocal Hyperfunction. Journal of Speech, Language, and Hearing Research, 2017, 60, 1507-1515.	0.7	31
62	Kinematic Analysis of Speech Sound Sequencing Errors Induced by Delayed Auditory Feedback. Journal of Speech, Language, and Hearing Research, 2017, 60, 1695-1711.	0.7	7
63	Validation of an Algorithm for Semi-automated Estimation of Voice Relative Fundamental Frequency. Annals of Otology, Rhinology and Laryngology, 2017, 126, 712-716.	0.6	17
64	Variability of the Pressure Measurements Exerted by the Tip of Laryngoscope During Laryngeal Sensory Testing: A Clinical Demonstration. American Journal of Speech-Language Pathology, 2017, 26, 729-736.	0.9	26
65	Magnitude of Neck-Surface Vibration as an Estimate of Subglottal Pressure During Modulations of Vocal Effort and Intensity in Healthy Speakers. Journal of Speech, Language, and Hearing Research, 2017, 60, 3404-3416.	0.7	15
66	Video Game Rehabilitation of Velopharyngeal Dysfunction: A Case Series. Journal of Speech, Language, and Hearing Research, 2017, 60, 1800-1809.	0.7	9
67	The Relationship Between Relative Fundamental Frequency and a Kinematic Estimate of Laryngeal Stiffness in Healthy Adults. Journal of Speech, Language, and Hearing Research, 2016, 59, 1283-1294.	0.7	32
68	Surface electromyographic control of a novel phonemic interface for speech synthesis. AAC: Augmentative and Alternative Communication, 2016, 32, 120-130.	0.8	9
69	Objective Measure of Nasal Air Emission Using Nasal Accelerometry. Journal of Speech, Language, and Hearing Research, 2016, 59, 1018-1024.	0.7	4
70	Effects of Biofeedback on Control and Generalization of Nasalization in Typical Speakers. Journal of Speech, Language, and Hearing Research, 2016, 59, 1025-1034.	0.7	9
71	Effect of Age on Human–Computer Interface Control Via Neck Electromyography. Interacting With Computers, 2016, 28, 47-54.	1.0	11
72	Effects of Adventitious Acute Vocal Trauma: Relative Fundamental Frequency and Listener Perception. Journal of Voice, 2016, 30, 177-185.	0.6	13

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73	Voice Relative Fundamental Frequency Via Neck-Skin Acceleration in Individuals With Voice Disorders. Journal of Speech, Language, and Hearing Research, 2015, 58, 1482-1487.	0.7	13
74	Individual Monitoring of Vocal Effort With Relative Fundamental Frequency: Relationships With Aerodynamics and Listener Perception. Journal of Speech, Language, and Hearing Research, 2015, 58, 566-575.	0.7	36
75	Listener Perception of Monopitch, Naturalness, and Intelligibility for Speakers With Parkinson's Disease. Journal of Speech, Language, and Hearing Research, 2015, 58, 1134-1144.	0.7	50
76	Discrete Versus Continuous Mapping of Facial Electromyography for Human–Machine Interface Control: Performance and Training Effects. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2015, 23, 572-580.	2.7	26
77	Effects of Phonetic Context on Relative Fundamental Frequency. Journal of Speech, Language, and Hearing Research, 2014, 57, 1259-1267.	0.7	30
78	Visuomotor control of neck surface electromyography in Parkinson's disease. NeuroRehabilitation, 2014, 35, 795-803.	0.5	2
79	Comparison of voice relative fundamental frequency estimates derived from an accelerometer signal and low-pass filtered and unprocessed microphone signals. Journal of the Acoustical Society of America, 2014, 135, 2977-2985.	0.5	14
80	Talker Identification Across Source Mechanisms: Experiments With Laryngeal and Electrolarynx Speech. Journal of Speech, Language, and Hearing Research, 2014, 57, 1651-1665.	0.7	5
81	Effects of spectral content on Horii Oral-Nasal Coupling scores in children. Journal of the Acoustical Society of America, 2014, 136, 1295-1306.	0.5	3
82	Discrete vs. continuous surface electromyographic interface control. , 2014, 2014, 4374-7.		1
83	Associations Between Laryngeal and Cough Dysfunction in Motor Neuron Disease with Bulbar Involvement. Dysphagia, 2014, 29, 637-646.	1.0	22
84	Effects of augmentative visual training on audio-motor mapping. Human Movement Science, 2014, 35, 145-155.	0.6	4
85	Combined Auditory and Vibrotactile Feedback for Human–Machine-Interface Control. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2014, 22, 62-68.	2.7	6
86	Vibrotactile Sensory Substitution for Electromyographic Control of Object Manipulation. IEEE Transactions on Biomedical Engineering, 2013, 60, 2226-2232.	2.5	53
87	Comparison of Nasal Acceleration and Nasalance Across Vowels. Journal of Speech, Language, and Hearing Research, 2013, 56, 1476-1484.	0.7	6
88	Relative fundamental frequency during vocal onset and offset in older speakers with and without Parkinson's disease. Journal of the Acoustical Society of America, 2013, 133, 1637-1643.	0.5	36
89	Acoustic Correlate of Vocal Effort in Spasmodic Dysphonia. Annals of Otology, Rhinology and Laryngology, 2013, 122, 169-176.	0.6	44
90	Categorical Vowel Perception Enhances the Effectiveness and Generalization of Auditory Feedback in Human-Machine-Interfaces. PLoS ONE, 2013, 8, e59860.	1.1	9

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91	Effects of Parkinson's Disease on Fundamental Frequency Variability in Running Speech. Journal of Medical Speech - Language Pathology, 2013, 21, 235-244.	0.2	14
92	Surface Electromyography for Speech and Swallowing Systems: Measurement, Analysis, and Interpretation. Journal of Speech, Language, and Hearing Research, 2012, 55, 1232-1246.	0.7	104
93	The Relationship Between Perception of Vocal Effort and Relative Fundamental Frequency During Voicing Offset and Onset. Journal of Speech, Language, and Hearing Research, 2012, 55, 1887-1896.	0.7	37
94	Endoscopic Assessment of Vocal Fold Movements during Cough. Annals of Otology, Rhinology and Laryngology, 2012, 121, 21-27.	0.6	19
95	Effect of vibrotactile feedback on robotic object manipulation. , 2012, , .		1
96	Repeated Training with Augmentative Vibrotactile Feedback Increases Object Manipulation Performance. PLoS ONE, 2012, 7, e32743.	1.1	50
97	Vibrotactile Sensory Substitution for Object Manipulation: Amplitude Versus Pulse Train Frequency Modulation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2012, 20, 31-37.	2.7	32
98	Feasibility of game-based electromyographic biofeedback for dysphagia rehabilitation. , 2011, , .		15
99	Comparison of Neck Tension Palpation Rating Systems With Surface Electromyographic and Acoustic Measures in Vocal Hyperfunction. Journal of Voice, 2011, 25, 67-75.	0.6	41
100	Characteristics of Phonatory Function in Singers andÂNonsingers With Vocal Fold Nodules. Journal of Voice, 2011, 25, 714-724.	0.6	37
101	Object Manipulation Improvements Due to Single Session Training Outweigh the Differences Among Stimulation Sites During Vibrotactile Feedback. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2011, 19, 677-685.	2.7	24
102	Kinesthetic Motor Imagery Modulates Intermuscular Coherence. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2011, 19, 638-643.	2.7	4
103	Vibrotactile feedback aids EMG control of object manipulation. , 2011, 2011, 1061-4.		5
104	Effects of Voice Therapy on Relative Fundamental Frequency During Voicing Offset and Onset in Patients With Vocal Hyperfunction. Journal of Speech, Language, and Hearing Research, 2011, 54, 1260-1266.	0.7	58
105	Neck Surface Electromyography as a Measure of Vocal Hyperfunction before and after Injection Laryngoplasty. Annals of Otology, Rhinology and Laryngology, 2010, 119, 594-601.	0.6	21
106	Use of Neck Strap Muscle Intermuscular Coherence as an Indicator of Vocal Hyperfunction. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2010, 18, 329-335.	2.7	30
107	Relative to direct haptic feedback, remote vibrotactile feedback improves but slows object manipulation. , 2010, 2010, 2089-92.		29
108	A virtual trajectory model predicts differences in vocal fold kinematics in individuals with vocal hyperfunction. Journal of the Acoustical Society of America, 2010, 127, 3166-3176.	0.5	30

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109	The Impact of Vocal Hyperfunction on Relative Fundamental Frequency During Voicing Offset and Onset. Journal of Speech, Language, and Hearing Research, 2010, 53, 1220-1226.	0.7	65
110	Finding a feature on a 3D object through single-digit haptic exploration. , 2010, , .		7
111	Contextual effects on robotic experiments of sensory feedback for object manipulation. , 2010, , .		8
112	Electromyographic control of a hands-free electrolarynx using neck strap muscles. Journal of Communication Disorders, 2009, 42, 211-225.	0.8	25
113	Neck and Face Surface Electromyography for Prosthetic Voice Control After Total Laryngectomy. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2009, 17, 146-155.	2.7	38
114	Post-Laryngectomy Speech Respiration Patterns. Annals of Otology, Rhinology and Laryngology, 2008, 117, 557-563.	0.6	7
115	Training Effects on Speech Production Using a Hands-Free Electromyographically Controlled Electrolarynx. Journal of Speech, Language, and Hearing Research, 2007, 50, 335-351.	0.7	27
116	Acoustics of the human middle-ear air space. Journal of the Acoustical Society of America, 2005, 118, 861-871.	0.5	52
117	Resynthesis of Transmasculine Voices to Assess Gender Perception as a Function of Testosterone Therapy, Journal of Speech, Language, and Hearing Research, O., 1-16.	0.7	1