

# Sten Ternström

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

1,392  
citations

304602

22  
h-index

360920

35  
g-index

71  
all docs

71  
docs citations

71  
times ranked

902  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting Signal Corruptions in Voice Recordings For Speech Therapy. , 2021, , .		1
2	Quantitative and Qualitative Electroglottographic Wave Shape Differences in Children and Adults Using Voice Map-Based Analysis. Journal of Speech, Language, and Hearing Research, 2021, 64, 2977-2995.	0.7	10
3	Treatment of Hypophonia in Parkinson's Disease Through Biofeedback in Daily Life Administered with A Portable Voice Accumulator. Journal of Voice, 2021, , .	0.6	1
4	Effects of the Lung Volume on the Electroglottographic Waveform in Trained Female Singers. Journal of Voice, 2020, 34, 485.e1-485.e21.	0.6	13
5	Feature Maps of the Acoustic Spectrum of the Voice. Journal of Voice, 2020, 34, 161.e1-161.e26.	0.6	15
6	Flow ball-assisted voice training: Immediate effects on vocal fold contacting. Biomedical Signal Processing and Control, 2020, 62, 102064.	3.5	9
7	Normalized time-domain parameters for electroglottographic waveforms. Journal of the Acoustical Society of America, 2019, 146, EL65-EL70.	0.5	10
8	Update 2.0 to FonaDyn - A system for real-time analysis of the electroglottogram, over the voice range. SoftwareX, 2019, 10, 100343.	1.2	1
9	Long-term effects of Lee Silverman Voice Treatment on daily voice use in Parkinson's disease as measured with a portable voice accumulator. Logopedics Phoniatrics Vocology, 2019, 44, 124-133.	0.5	13
10	Voice Use in Daily Life Studied With a Portable Voice Accumulator in Individuals With Parkinson's Disease and Matched Healthy Controls. Journal of Speech, Language, and Hearing Research, 2019, 62, 4324-4334.	0.7	9
11	FonaDyn - A system for real-time analysis of the electroglottogram, over the voice range. SoftwareX, 2018, 7, 74-80.	1.2	10
12	Vocal Behavior in Environmental Noise: Comparisons Between Work and Leisure Conditions in Women With Work-related Voice Disorders and Matched Controls. Journal of Voice, 2018, 32, 126.e23-126.e38.	0.6	24
13	A comparison of electroglottographic and glottal area waveforms for phonation type differentiation in male professional singers. Journal of the Acoustical Society of America, 2018, 144, 3275-3288.	0.5	6
14	Prediction of three articulatory categories in vocal sound imitations using models for auditory receptive fields. Journal of the Acoustical Society of America, 2018, 144, 1467-1483.	0.5	6
15	Perceptual and Acoustic Analyses of Good Voice Quality in Male Radio Performers. Journal of Voice, 2017, 31, 259.e1-259.e12.	0.6	11
16	Investigation of the relationship between electroglottogram waveform, fundamental frequency, and sound pressure level using clustering. Journal of Voice, 2017, 31, 393-400.	0.6	9
17	Motor-Learning-Based Adjustment of Ambulatory Feedback on Vocal Loudness for Patients With Parkinson's Disease. Journal of Voice, 2016, 30, 407-415.	0.6	5
18	The Voice Range Profile: Its Function, Applications, Pitfalls and Potential. Acta Acustica United With Acustica, 2016, 102, 268-283.	0.8	32

#	ARTICLE	IF	CITATIONS
19	Toward a consensus on symbolic notation of harmonics, resonances, and formants in vocalization. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 3005-3007.	0.5	102
20	Sketching sound with voice and gesture. <i>Interactions</i> , 2015, 22, 38-41.	0.8	25
21	Natural Voice Use in Patients With Voice Disorders and Vocally Healthy Speakers Based on 2 Days Voice Accumulator Information From a Database. <i>Journal of Voice</i> , 2015, 29, 646.e1-646.e9.	0.6	8
22	Analysis of vibratory states in phonation using spectral features of the electroglottographic signal. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 2773-2783.	0.5	23
23	Effects on Vocal Range and Voice Quality of Singing Voice Training: The Classically Trained Female Voice. <i>Journal of Voice</i> , 2014, 28, 36-51.	0.6	18
24	Effects of Tactile Biofeedback by a Portable Voice Accumulator on Voice Sound Level in Speakers with Parkinson's Disease. <i>Journal of Voice</i> , 2013, 27, 729-737.	0.6	34
25	Long-Term Average Spectra From a Youth Choir Singing in Three Vocal Registers and Two Dynamic Levels. <i>Journal of Voice</i> , 2012, 26, 30-36.	0.6	8
26	Group and Ensemble Vocal Music. , 2012, , .		1
27	Observations of the Relationship Between Noise Exposure and Preschool Teacher Voice Usage in Day-Care Center Environments. <i>Journal of Voice</i> , 2011, 25, 166-172.	0.6	60
28	Detection of high-frequency energy changes in sustained vowels produced by singers. <i>Journal of the Acoustical Society of America</i> , 2011, 129, 2263-2268.	0.5	27
29	Fourier Descriptor Analysis and Unification of Voice Range Profile Contours: Method and Applications. <i>Journal of Speech, Language, and Hearing Research</i> , 2011, 54, 755-776.	0.7	23
30	Personal computers in the voice laboratory: Part two—audio devices. <i>Logopedics Phoniatics Vocology</i> , 2010, 35, 98-102.	0.5	3
31	EDITORIAL. <i>Logopedics Phoniatics Vocology</i> , 2010, 35, 59-59.	0.5	0
32	The Singer's Voice Range Profile: Female Professional Opera Soloists. <i>Journal of Voice</i> , 2010, 24, 410-426.	0.6	33
33	The Swedish version of the Voice Handicap Index adapted for singers. <i>Logopedics Phoniatics Vocology</i> , 2010, 35, 129-137.	0.5	10
34	Rapid pitch correction in choir singers. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 407-413.	0.5	19
35	Investigation of four distinct glottal configurations in classical singing—A pilot study. <i>Journal of the Acoustical Society of America</i> , 2009, 125, EL104-EL109.	0.5	28
36	Not just sound: Supplementing the voice range profile with the singer's own perceptions of vocal challenges. <i>Logopedics Phoniatics Vocology</i> , 2009, 34, 3-10.	0.5	7

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37	Personal computers in the voice laboratory: Part one—the computing environment. <i>Logopedics Phoniatrics Vocology</i> , 2009, 34, 224-227.	0.5	0
38	An Exploration of Skin Acceleration Level as a Measure of Phonatory Function in Singing. <i>Journal of Voice</i> , 2008, 22, 10-22.	0.6	11
39	Loud voice during environmental noise exposure in patients with vocal nodules. <i>Logopedics Phoniatrics Vocology</i> , 2007, 32, 60-70.	0.5	24
40	The Acoustic Characteristics of Professional Opera Singers Performing in Chorus Versus Solo Mode. <i>Journal of Voice</i> , 2007, 21, 35-45.	0.6	10
41	A comparison of different methods to measure the EGG contact quotient. <i>Logopedics Phoniatrics Vocology</i> , 2006, 31, 126-138.	0.5	59
42	Loud speech over noise: Some spectral attributes, with gender differences. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 1648-1665.	0.5	48
43	Self-to-other ratios measured in an opera chorus in performance. <i>Journal of the Acoustical Society of America</i> , 2005, 118, 3903-3911.	0.5	12
44	Does the acoustic waveform mirror the voice?. <i>Logopedics Phoniatrics Vocology</i> , 2005, 30, 100-107.	0.5	3
45	Towards an understanding of speech and song perception. <i>Logopedics Phoniatrics Vocology</i> , 2005, 30, 129-135.	0.5	3
46	Loud Speech in Realistic Environmental Noise: Phonetogram Data, Perceptual Voice Quality, Subjective Ratings, and Gender Differences in Healthy Speakers. <i>Journal of Voice</i> , 2005, 19, 29-46.	0.6	80
47	Cancellation of Simulated Environmental Noise as a Tool for Measuring Vocal Performance During Noise Exposure. <i>Journal of Voice</i> , 2002, 16, 195-206.	0.6	24
48	Choir. , 2002, , 269-283.		5
49	An effect of body massage on voice loudness and phonation frequency in reading. <i>Logopedics Phoniatrics Vocology</i> , 2000, 25, 146-150.	0.5	16
50	Preferred self-to-other ratios in choir singing. <i>Journal of the Acoustical Society of America</i> , 1999, 105, 3563-3574.	0.5	33
51	Perturbation and hoarseness: A pilot study of six children's voices. <i>Journal of Voice</i> , 1996, 10, 252-261.	0.6	17
52	Hearing myself with others: Sound levels in choral performance measured with separation of one's own voice from the rest of the choir. <i>Journal of Voice</i> , 1994, 8, 293-302.	0.6	23
53	Perceptual evaluations of voice scatter in unison choir sounds. <i>Journal of Voice</i> , 1993, 7, 129-135.	0.6	6
54	Physical and acoustic factors that interact with the singer to produce the choral sound. <i>Journal of Voice</i> , 1991, 5, 128-143.	0.6	22

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55	Formant frequencies of choir singers. <i>Journal of the Acoustical Society of America</i> , 1989, 86, 517-522.	0.5	15
56	Synthesizing choir singing. <i>Journal of Voice</i> , 1988, 1, 332-335.	0.6	3
57	Relationship between changes in voice pitch and loudness. <i>Journal of Voice</i> , 1988, 2, 118-126.	0.6	160
58	Measuring the rate of change of voice fundamental frequency in fluent speech during mental depression. <i>Journal of the Acoustical Society of America</i> , 1988, 83, 716-728.	0.5	71
59	Intonation precision of choir singers. <i>Journal of the Acoustical Society of America</i> , 1988, 84, 59-69.	0.5	41
60	Long-term average spectrum analysis of phonatory effects of noise and filtered auditory feedback. <i>Journal of Phonetics</i> , 1988, 16, 203-219.	0.6	1
61	Acoustic comparison of soprano solo and choir singing. <i>Journal of the Acoustical Society of America</i> , 1987, 82, 830-836.	0.5	29
62	Acoustic comparison of voice use in solo and choir singing. <i>Journal of the Acoustical Society of America</i> , 1986, 79, 1975-1981.	0.5	58
63	A Unified Numerical Simulation of Vowel Production That Comprises Phonation and the Emitted Sound. , 0, , .		2