Sten TernstrÃ¶m

List of Publications by Year
in descending order

63	1,392	304602	360920
papers	citations	22 h-index	35 g-index

71	71	71	902
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Relationship between changes in voice pitch and loudness. Journal of Voice, 1988, 2, 118-126.	0.6	160
2	Toward a consensus on symbolic notation of harmonics, resonances, and formants in vocalization. Journal of the Acoustical Society of America, 2015, 137, 3005-3007.	0.5	102
3	Loud Speech in Realistic Environmental Noise: Phonetogram Data, Perceptual Voice Quality, Subjective Ratings, and Gender Differences in Healthy Speakers. Journal of Voice, 2005, 19, 29-46.	0.6	80
4	Measuring the rate of change of voice fundamental frequency in fluent speech during mental depression. Journal of the Acoustical Society of America, 1988, 83, 716-728.	0.5	71
5	Observations of the Relationship Between Noise Exposure and Preschool Teacher Voice Usage in Day-Care Center Environments. Journal of Voice, 2011, 25, 166-172.	0.6	60
6	A comparison of different methods to measure the EGG contact quotient. Logopedics Phoniatrics Vocology, 2006, 31, 126-138.	0.5	59
7	Acoustic comparison of voice use in solo and choir singing. Journal of the Acoustical Society of America, 1986, 79, 1975-1981.	0.5	58
8	Loud speech over noise: Some spectral attributes, with gender differences. Journal of the Acoustical Society of America, 2006, 119, 1648-1665.	0.5	48
9	Intonation precision of choir singers. Journal of the Acoustical Society of America, 1988, 84, 59-69.	0.5	41
10	Effects of Tactile Biofeedback by a Portable Voice Accumulator on Voice Sound Level in Speakers with Parkinson's Disease. Journal of Voice, 2013, 27, 729-737.	0.6	34
11	Preferred self-to-other ratios in choir singing. Journal of the Acoustical Society of America, 1999, 105, 3563-3574.	0.5	33
12	The Singer's Voice Range Profile: Female Professional Opera Soloists. Journal of Voice, 2010, 24, 410-426.	0.6	33
13	The Voice Range Profile: Its Function, Applications, Pitfalls and Potential. Acta Acustica United With Acustica, 2016, 102, 268-283.	0.8	32
14	Acoustic comparison of soprano solo and choir singing. Journal of the Acoustical Society of America, 1987, 82, 830-836.	0.5	29
15	Investigation of four distinct glottal configurations in classical singingâ€"A pilot study. Journal of the Acoustical Society of America, 2009, 125, EL104-EL109.	0.5	28
16	Detection of high-frequency energy changes in sustained vowels produced by singers. Journal of the Acoustical Society of America, 2011, 129, 2263-2268.	0.5	27
17	Sketching sound with voice and gesture. Interactions, 2015, 22, 38-41.	0.8	25
18	Cancellation of Simulated Environmental Noise as a Tool for Measuring Vocal Performance During Noise Exposure. Journal of Voice, 2002, 16, 195-206.	0.6	24

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19	Loud voice during environmental noise exposure in patients with vocal nodules. Logopedics Phoniatrics Vocology, 2007, 32, 60-70.	0.5	24
20	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
21	Hearing myself with others: Sound levels in choral performance measured with separation of one's own voice from the rest of the choir. Journal of Voice, 1994, 8, 293-302.	0.6	23
22	Fourier Descriptor Analysis and Unification of Voice Range Profile Contours: Method and Applications. Journal of Speech, Language, and Hearing Research, 2011, 54, 755-776.	0.7	23
23	Analysis of vibratory states in phonation using spectral features of the electroglottographic signal. Journal of the Acoustical Society of America, 2014, 136, 2773-2783.	0.5	23
24	Physical and acoustic factors that interact with the singer to produce the choral sound. Journal of Voice, 1991, 5, 128-143.	0.6	22
25	Rapid pitch correction in choir singers. Journal of the Acoustical Society of America, 2009, 126, 407-413.	0.5	19
26	Effects on Vocal Range and Voice Quality of Singing Voice Training: The Classically Trained Female Voice. Journal of Voice, 2014, 28, 36-51.	0.6	18
27	Perturbation and hoarseness: A pilot study of six children's voices. Journal of Voice, 1996, 10, 252-261.	0.6	17
28	An effect of body massage on voice loudness and phonation frequency in reading. Logopedics Phoniatrics Vocology, 2000, 25, 146-150.	0.5	16
29	Formant frequencies of choir singers. Journal of the Acoustical Society of America, 1989, 86, 517-522.	0.5	15
30	Feature Maps of the Acoustic Spectrum of the Voice. Journal of Voice, 2020, 34, 161.e1-161.e26.	0.6	15
31	Long-term effects of Lee Silverman Voice Treatment on daily voice use in Parkinsonâ€™s disease as measured with a portable voice accumulator. Logopedics Phoniatrics Vocology, 2019, 44, 124-133.	0.5	13
32	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
33	Self-to-other ratios measured in an opera chorus in performance. Journal of the Acoustical Society of America, 2005, 118, 3903-3911.	0.5	12
34	An Exploration of Skin Acceleration Level as a Measure of Phonatory Function in Singing. Journal of Voice, 2008, 22, 10-22.	0.6	11
35	Perceptual and Acoustic Analyses of Good Voice Quality in Male Radio Performers. Journal of Voice, 2017, 31, 259.e1-259.e12.	0.6	11
36	The Acoustic Characteristics of Professional Opera Singers Performing in Chorus Versus Solo Mode. Journal of Voice, 2007, 21, 35-45.	0.6	10

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37	The Swedish version of the Voice Handicap Index adapted for singers. Logopedics Phoniatrics Vocology, 2010, 35, 129-137.	0.5	10
38	FonaDyn â€”ÂA system for real-time analysis of the electroglottogram, over the voice range. SoftwareX, 2018, 7, 74-80.	1.2	10
39	Normalized time-domain parameters for electroglottographic waveforms. Journal of the Acoustical Society of America, 2019, 146, EL65-EL70.	0.5	10
40	Quantitative and Qualitative Electroglottographic Wave Shape Differences in Children and Adults Using Voice Mapâ€“Based Analysis. Journal of Speech, Language, and Hearing Research, 2021, 64, 2977-2995.	0.7	10
41	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
42	Flow ball-assisted voice training: Immediate effects on vocal fold contacting. Biomedical Signal Processing and Control, 2020, 62, 102064.	3.5	9
43	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
44	Long-Term Average Spectra From a Youth Choir Singing in Three Vocal Registers and Two Dynamic Levels. Journal of Voice, 2012, 26, 30-36.	0.6	8
45	Natural Voice Use in Patients With Voice Disorders and Vocally Healthy Speakers Based on 2 Days Voice Accumulator Information From a Database. Journal of Voice, 2015, 29, 646.e1-646.e9.	0.6	8
46	Not just sound: Supplementing the voice range profile with the singer's own perceptions of vocal challenges. Logopedics Phoniatrics Vocology, 2009, 34, 3-10.	0.5	7
47	Perceptual evaluations of voice scatter in unison choir sounds. Journal of Voice, 1993, 7, 129-135.	0.6	6
48	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
49	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
50	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
51	Choir. , 2002, , 269-283.		5
52	Synthesizing choir singing. Journal of Voice, 1988, 1, 332-335.	0.6	3
53	Does the acoustic waveform mirror the voice?. Logopedics Phoniatrics Vocology, 2005, 30, 100-107.	0.5	3
54	Towards an understanding of speech and song perception. Logopedics Phoniatrics Vocology, 2005, 30, 129-135.	0.5	3

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55	Personal computers in the voice laboratory: Part twoâ€”audio devices. Logopedics Phoniatrics Vocology, 2010, 35, 98-102.	0.5	3
56	A Unified Numerical Simulation of Vowel Production That Comprises Phonation and the Emitted Sound. , 0, , .		2
57	Long-term average spectrum analysis of phonatory effects of noise and filtered auditory feedback. Journal of Phonetics, 1988, 16, 203-219.	0.6	1
58	Update 2.0 to FonaDyn â€" A system for real-time analysis of the electroglottogram, over the voice range. SoftwareX, 2019, 10, 100343.	1.2	1
59	Detecting Signal Corruptions in Voice Recordings For Speech Therapy. , 2021, , .		1
60	Group and Ensemble Vocal Music. , 2012, , .		1
61	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
62	Personal computers in the voice laboratory: Part oneâ€”the computing environment. Logopedics Phoniatrics Vocology, 2009, 34, 224-227.	0.5	0
63	EDITORIAL. Logopedics Phoniatrics Vocology, 2010, 35, 59-59.	0.5	0