Johan Sundberg

List of Publications by Year
in descending order

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84 papers	2,545 citations	201674 27 h-index	214800 47 g-index

92 all docs	92 docs citations	92 times ranked	1105 citing authors

#	Article	IF	Citations
1	Spectral Correlates of Glottal Voice Source Waveform Characteristics. Journal of Speech, Language, and Hearing Research, 1989, 32, 556-565.	1.6	248
2	Vocal intensity in speakers and singers. Journal of the Acoustical Society of America, 1992, 91, 2936-2946.	1.1	205
3	Time discrimination in a monotonic, isochronous sequence. Journal of the Acoustical Society of America, 1995, 98, 2524-2531.	1.1	188
4	Effects of lung volume on the glottal voice source. Journal of Voice, 1998, 12, 424-433.	1.5	77
5	Effects of subglottal pressure variation on professional baritone singersâ€™ voice sources. Journal of the Acoustical Society of America, 1999, 105, 1965-1971.	1.1	77
6	Spectrum factors relevant to phonetogram measurement. Journal of the Acoustical Society of America, 1988, 83, 2352-2360.	1.1	73
7	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.	1.1	71
8	Effects of vocal loudness variation on spectrum balance as reflected by the alpha measure of long-term-average spectra of speech. Journal of the Acoustical Society of America, 2006, 120, 453-457.	1.1	66
9	Interdependencies among Voice Source Parameters in Emotional Speech. IEEE Transactions on Affective Computing, 2011, 2, 162-174.	8.3	63
10	Effect on LTAS of vocal loudness variation. Logopedics Phoniatrics Vocology, 2004, 29, 183-191.	1.0	59
11	Acoustic comparison of voice use in solo and choir singing. Journal of the Acoustical Society of America, 1986, 79, 1975-1981.	1.1	58
12	Acoustic and perceptual analysis of vocal dysfunction. Journal of Phonetics, 1986, 14, 533-547.	1.2	55
13	Voice source differences between falsetto and modal registers in counter tenors, tenors and baritones. Logopedics Phoniatrics Vocology, 2001, 26, 26-36.	1.0	55
14	Effects on the glottal voice source of vocal loudness variation in untrained female and male voices. Journal of the Acoustical Society of America, 2005, 117, 879-885.	1.1	50
15	Estimating perceived phonatory pressedness in singing from flow glottograms. Journal of Voice, 2004, 18, 56-62.	1.5	45
16	Glottal Adduction and Subglottal Pressure in Singing. Journal of Voice, 2015, 29, 391-402.	1.5	45
17	Articulatory Configuration and Pitch in a Classically Trained Soprano Singer. Journal of Voice, 2009, 23, 546-551.	1.5	43
18	Describing different styles of singing: A comparison of a female singer's voice source in ''Classical'', ''Pop'', ''Jazz'' and ''Blues''. Logopedics Phoniatrics Vocology, 2001, 26, 82-93.	1.0	42

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19	An amplitude quotient based method to analyze changes in the shape of the glottal pulse in the regulation of vocal intensity. Journal of the Acoustical Society of America, 2006, 120, 1052-1062.	1.1	42
20	Intonation precision of choir singers. Journal of the Acoustical Society of America, 1988, 84, 59-69.	1.1	41
21	Formant Tuning Strategies in Professional Male Opera Singers. Journal of Voice, 2013, 27, 278-288.	1.5	41
22	Relationship Between Subglottal Pressure and Sound Pressure Level in Untrained Voices. Journal of Voice, 2016, 30, 15-20.	1.5	41
23	Musical punctuation on the microlevel: Automatic identification and performance of small melodic units*. Journal of New Music Research, 1998, 27, 271-292.	0.8	39
24	Rules for automated performance of ensemble music. Contemporary Music Review, 1989, 3, 89-109.	0.3	37
25	The expression of emotion in the singing voice: Acoustic patterns in vocal performance. Journal of the Acoustical Society of America, 2017, 142, 1805-1815.	1.1	34
26	Vertical laryngeal position and oral pressure variations during resonance tube phonation in water and in air. A pilot study. Logopedics Phoniatrics Vocology, 2016, 41, 117-123.	1.0	33
27	Acoustic comparison of soprano solo and choir singing. Journal of the Acoustical Society of America, 1987, 82, 830-836.	1.1	29
28	Some Phonatory and Resonatory Characteristics of the Rock, Pop, Soul, and Swedish Dance Band Styles of Singing. Journal of Voice, 2011, 25, 532-537.	1.5	27
29	What is â€œTwangâ€?. Journal of Voice, 2010, 24, 654-660.	1.5	26
30	Substyles of Belting: Phonatory and Resonatory Characteristics. Journal of Voice, 2012, 26, 44-50.	1.5	26
31	Velum Behavior in Professional Classic Operatic Singing. Journal of Voice, 2002, 16, 61-71.	1.5	25
32	Lower Vocal Tract Morphologic Adjustments Are Relevant for Voice Timbre in Singing. PLoS ONE, 2015, 10, e0132241.	2.5	25
33	Perceptual analysis of child hoarseness using continuous scales. Scandinavian Journal of Logopedics & Phoniatrics, 1993, 18, 73-82.	0.1	24
34	Subglottal Pressure Oscillations Accompanying Phonation. Journal of Voice, 2013, 27, 411-421.	1.5	23
35	Acoustical Study of Classical Peking Opera Singing. Journal of Voice, 2012, 26, 137-143.	1.5	22
36	Respiratory and Acoustical Differences Between Belt and Neutral Style of Singing. Journal of Voice, 2015, 29, 418-425.	1.5	22

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37	Experimental Findings on the Nasal Tract Resonator in Singing. Journal of Voice, 2007, 21, 127-137.	1.5	21
38	Professional male singersâ€™ formant tuning strategies for the vowel /a/. Logopedics Phoniatrics Vocology, 2011, 36, 156-167.	1.0	21
39	Speech and music performance: Parallels and contrasts. Contemporary Music Review, 1989, 4, 391-404.	0.3	19
40	Spectrum effects of subglottal pressure variation in professional baritone singers. Journal of the Acoustical Society of America, 2004, 115, 1270-1273.	1.1	19
41	Whisperingâ€"A Single-Subject Study of Glottal Configuration and Aerodynamics. Journal of Voice, 2010, 24, 574-584.	1.5	18
42	Glottal Airflow and Glottal Area Waveform Characteristics of Flow Phonation in Untrained Vocally Healthy Adults. Journal of Voice, 2022, 36, 140.e1-140.e21.	1.5	18
43	Tracking multi-channel electroglottograph measurement of larynx height in singers. Scandinavian Journal of Logopedics & Phoniatrics, 1993, 18, 143-152.	0.1	16
44	Lung volume levels in professional classical singing. Logopedics Phoniatrics Vocology, 1997, 22, 61-70.	1.0	16
45	Expressivity in singing. A review of some recent investigations. Logopedics Phoniatrics Vocology, 1998, 23, 121-127.	1.0	16
46	Text Intelligibility and the Singer's Formantâ€"A Relationship?. Journal of Voice, 2009, 23, 539-545.	1.5	16
47	Contact Quotient Versus Closed Quotient: A Comparative Study on Professional Male Singers. Journal of Voice, 2015, 29, 148-154.	1.5	16
48	Formant frequencies of choir singers. Journal of the Acoustical Society of America, 1989, 86, 517-522.	1.1	15
49	Perceptual significance of the center frequency of singer's formant. Scandinavian Journal of Logopedics & Phoniatrics, 1995, 20, 35-41.	0.1	14
50	Intonation and Expressivity: A Single Case Study of Classical Western Singing. Journal of Voice, 2013, 27, 391.e1-391.e8.	1.5	14
51	Eliminating paranasal sinus resonance and its effects on acoustic properties of the nasal tract. Logopedics Phoniatrics Vocology, 2016, 41, 33-40.	1.0	14
52	Flow Glottogram and Subglottal Pressure Relationship in Singers and Untrained Voices. Journal of Voice, 2018, 32, 23-31.	1.5	14
53	Perceptual and acoustic analysis of vocal registers in 10-year-old children. Logopedics Phoniatrics Vocology, 2000, 25, 63-71.	1.0	13
54	When Does a Sung Tone Start?. Journal of Voice, 2007, 21, 285-293.	1.5	13

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55	Flow Glottogram Characteristics and Perceived Degree of Phonatory Pressedness. Journal of Voice, 2016, 30, 287-292.	1.5	13
56	Analyzing Emotion Expression in Singing via Flow Glottograms, Long-Term-Average Spectra, and Expert Listener Evaluation. Journal of Voice, 2021, 35, 52-60.	1.5	13
57	The â€œOverdriveâ€•Mode in the â€œComplete Vocal Techniqueâ€• A Preliminary Study. Journal of Voice, 2017, 31, 528-535.	1.5	12
58	Voice source studies of register differences in untrained female singing. Logopedics Phoniatrics Vocology, 1999, 24, 76-83.	1.0	11
59	Objective Characterization of Phonation Type Using Amplitude of Flow Glottogram Pulse and of Voice Source Fundamental. Journal of Voice, 2022, 36, 4-14.	1.5	11
60	Formant frequency estimates for abruptly changing area functions: A comparison between calculations and measurements. Journal of the Acoustical Society of America, 1992, 91, 3478-3482.	1.1	10
61	Loudness and Pitch of Kunqu Opera. Journal of Voice, 2014, 28, 14-19.	1.5	10
62	Spectrum Effects of a Velopharyngeal Opening in Singing. Journal of Voice, 2020, 34, 346-351.	1.5	10
63	Lung volume and phonation: A methodological study. Logopedics Phoniatrics Vocology, 1996, 21, 13-20.	1.0	9
64	The Vocal Tract in Loud Twang-Like Singing While Producing High and Low Pitches. Journal of Voice, 2021, 35, 807.e1-807.e23.	1.5	9
65	Effects of Nasalization on Vocal Tract Response Curve. Journal of Voice, 2023, 37, 339-347.	1.5	8
66	Voice Source Variation Between Vowels in Male Opera Singers. Journal of Voice, 2016, 30, 509-517.	1.5	7
67	Soul and Musical Theater: A Comparison of Two Vocal Styles. Journal of Voice, 2017, 31, 229-235.	1.5	7
68	Recognizing emotions in the singing voice.. Psychomusicology: Music, Mind and Brain, 2017, 27, 244-255.	0.3	7
69	CPPS and Voice-Source Parameters: Objective Analysis of the Singing Voice. Journal of Voice, 2022, , .	1.5	6
70	Tuning Features of Chinese Folk Song Singing: A Case Study of Hua'er Music. Journal of Voice, 2015, 29, 426-432.	1.5	5
71	Augmented visual-feedback of airflow: Immediate effects on voice-source characteristics of students of singing. Psychology of Music, 0, , 030573562110267.	1.6	5
72	Comparing Vocal Fold Contact Criteria Derived FromÂAudio and Electroglottographic Signals. Journal of Voice, 2016, 30, 381-388.	1.5	4

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73	Duration, Pitch, and Loudness in Kunqu Opera Stage Speech. Journal of Voice, 2017, 31, 255.e1-255.e7.	1.5	3
74	Voice source, formant frequencies and vocal tract shape in overtone singing. A case study. Logopedics Phoniatrics Vocology, 2023, 48, 75-87.	1.0	3
75	Measuring Voice Effects of Vibrato-Free and Ingressive Singing: A Study of Phonation Threshold Pressures. Journal of Voice, 2022, 36, 479-486.	1.5	2
76	Kulning: Acoustic and Perceptual Characteristics of a Calling Style Used Within the Scandinavian Herding Tradition. Journal of Voice, 2022, , .	1.5	2
77	Music technology and audio processing: rall. or accel. into the new millennium?. Organised Sound, 2000, 4, 153-160.	0.2	1
78	One Singer, Two Voices. Acoustics Today, 0, 17, 43.	1.0	1
79	Human Singing Voice. , 0, , 1687-1695.		1
80	Response to â€˜â€˜Comments on â€˜Spectrum factors relevant to phonetogram measurementâ€™â€‰â€™[J. Acoust. Soc. Am. 86, 423â€“424 (1989)]. Journal of the Acoustical Society of America, 1989, 86, 424-424.	1.1	0
81	Experiences From Measuring Voice Production in Professional Singers. Perspectives on Voice and Voice Disorders, 2003, 13, 15-20.	0.3	0
82	Review of "The Temporal Structure of Estonian Runic Music" by Jaan Ross & Ilse Lehiste. Music Perception, 2004, 22, 159-162.	1.1	0
83	Gunnar Fant 1920â€“2009. Phonetica, 2010, 66, 249-250.	0.6	0
84	Three applications of analysis-by-synthesis in music science. Journal of Creative Music Systems, 0, , .	1.0	0