Bruce R Gerratt

List of Publications by Year
in descending order

80 papers	5,272 citations	109321 35 h-index	85541 71 g-index
105 all docs	105 docs citations	105 times ranked	2047 citing authors

#	Article	IF	Citations
1	Validating a psychoacoustic model of voice quality. Journal of the Acoustical Society of America, 2021, 149, 457-465.	1.1	15
2	Vocal Fundamental Frequency and Sound Pressure Level in Charismatic Speech: A Cross-Gender and -Language Study. Journal of Voice, 2020, 34, 808.e1-808.e13.	1.5	6
3	Acoustic Analysis and Voice Quality in Parkinson Disease. Communications in Computer and Information Science, 2020, , 1-23.	0.5	1
4	Modeling the voice source in terms of spectral slopes. Journal of the Acoustical Society of America, 2016, 139, 1404-1410.	1.1	41
5	Comparing Measures of Voice Quality From Sustained Phonation and Continuous Speech. Journal of Speech, Language, and Hearing Research, 2016, 59, 994-1001.	1.6	54
6	Impact of Vocal Tract Resonance on the Perception of Voice Quality Changes Caused by Varying Vocal Fold Stiffness. Acta Acustica United With Acustica, 2016, 102, 209-213.	0.8	5
7	Perceptual evaluation of voice source models. Journal of the Acoustical Society of America, 2015, 138, 1-10.	1.1	15
8	Toward a unified theory of voice production and perception. Loquens, 2014, 1, e009.	0.1	60
9	Development of a glottal area index that integrates glottal gap size and open quotient. Journal of the Acoustical Society of America, 2013, 133, 1656-1666.	1.1	32
10	Acoustic and perceptual effects of changes in body layer stiffness in symmetric and asymmetric vocal fold models. Journal of the Acoustical Society of America, 2013, 133, 453-462.	1.1	35
11	Perceptual sensitivity to a model of the source spectrum. Proceedings of Meetings on Acoustics, 2013, , .	0.3	3
12	A perceptually and physiologically motivated voice source model. Proceedings of Meetings on Acoustics, 2013, , .	0.3	1
13	Variability in the relationships among voice quality, harmonic amplitudes, open quotient, and glottal area waveform shape in sustained phonation. Journal of the Acoustical Society of America, 2012, 132, 2625-2632.	1.1	70
14	Perceptual interaction of the harmonic source and noise in voice. Journal of the Acoustical Society of America, 2012, 131, 492-500.	1.1	47
15	Comparing Two Methods for Reducing Variability in Voice Quality Measurements. Journal of Speech, Language, and Hearing Research, 2011, 54, 803-812.	1.6	24
16	Perceptual Assessment of Voice Quality: Past, Present, and Future. Perspectives on Voice and Voice Disorders, 2010, 20, 62-67.	0.3	29
17	Integrated software for analysis and synthesis of voice quality. Behavior Research Methods, 2010, 42, 1030-1041.	4.0	28
18	Effects of native language on perception of voice quality. Journal of Phonetics, 2010, 38, 588-593.	1.2	30

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19	Improved Tracheoesophageal Prosthesis Sizing in Office-Based Tracheoesophageal Puncture. Annals of Otology, Rhinology and Laryngology, 2010, 119, 37-41.	1.1	8
20	Perceptual sensitivity to first harmonic amplitude in the voice source. Journal of the Acoustical Society of America, 2010, 128, 2085-2089.	1.1	36
21	Consensus Auditory-Perceptual Evaluation of Voice: Development of a Standardized Clinical Protocol. American Journal of Speech-Language Pathology, 2009, 18, 124-132.	1.8	724
22	Recent improvements to the University of California, Los Angeles' voice synthesizer. Proceedings of Meetings on Acoustics, 2009, , .	0.3	0
23	Measures of the Glottal Source Spectrum. Journal of Speech, Language, and Hearing Research, 2007, 50, 595-610.	1.6	67
24	When and why listeners disagree in voice quality assessment tasks. Journal of the Acoustical Society of America, 2007, 122, 2354-2364.	1.1	141
25	Efficacy of conventional and implant-supported mandibular resection prostheses: Study overview and treatment outcomes. Journal of Prosthetic Dentistry, 2006, 96, 13-24.	2.8	123
26	Perception of aperiodicity in pathological voice. Journal of the Acoustical Society of America, 2005, 117, 2201-2211.	1.1	114
27	Modeling Measured Glottal Volume Velocity Waveforms. Annals of Otology, Rhinology and Laryngology, 2003, 112, 120-131.	1.1	13
28	Perception of Vocal Tremor. Journal of Speech, Language, and Hearing Research, 2003, 46, 203-214.	1.6	25
29	Toward a taxonomy of nonmodal phonation. Journal of Phonetics, 2001, 29, 365-381.	1.2	98
30	Measuring vocal quality with speech synthesis. Journal of the Acoustical Society of America, 2001, 110, 2560-2566.	1.1	80
31	Sources of listener disagreement in voice quality assessment. Journal of the Acoustical Society of America, 2000, 108, 1867-1876.	1.1	124
32	Theoretical and methodological development in the study of pathological voice quality. Journal of Phonetics, 2000, 28, 335-342.	1.2	12
33	Selective Laryngeal Adductor Denervationreinnervation: A New Surgical Treatment for Adductor Spasmodic Dysphonia. Annals of Otology, Rhinology and Laryngology, 1999, 108, 227-231.	1.1	117
34	Treatment of Parkinson Hypophonia With Percutaneous Collagen Augmentation. Laryngoscope, 1999, 109, 1295-1299.	2.0	86
35	Combined Arytenoid Adduction and Laryngeal Reinnervation in the Treatment of Vocal Fold Paralysis. Laryngoscope, 1999, 109, 1928-1936.	2.0	65
36	Exit jet particle velocity in the in vivo canine laryngeal model with variable nerve stimulation. Journal of Voice, 1999, 13, 153-160.	1.5	16

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37	Validity of rating scale measures of voice quality. Journal of the Acoustical Society of America, 1998, 104, 1598-1608.	1.1	152
38	Analysis by synthesis of pathological voices using the Klatt synthesizer. Speech Communication, 1997, 22, 343-368.	2.8	23
39	Characteristics of an In Vivo Canine Model of Phonation With a Constant Air Pressure Source. Laryngoscope, 1996, 106, 745-751.	2.0	5
40	Effects of Driving Pressure and Recurrent Laryngeal Nerve Stimulation on Glottic Vibration in a Constant Pressure Model. Otolaryngology - Head and Neck Surgery, 1996, 115, 15-23.	1.9	6
41	Ventricular dysphonia: A case of false vocal fold mucosal traveling wave. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1996, 17, 427-431.	1.3	20
42	The perceptual structure of pathologic voice quality. Journal of the Acoustical Society of America, 1996, 100, 1787-1795.	1.1	88
43	Comparison of Voice Analysis Systems for Perturbation Measurement. Journal of Speech, Language, and Hearing Research, 1996, 39, 126-134.	1.6	190
44	Variability of voice quality ratings. Journal of the Acoustical Society of America, 1996, 100, 2828-2828.	1.1	2
45	Comparing Reliability of Perceptual Ratings of Roughness and Acoustic Measures of Jitter. Journal of Speech, Language, and Hearing Research, 1995, 38, 26-32.	1.6	137
46	Recurrent laryngeal nerve afferents and their role in laryngospasm. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1995, 16, 49-52.	1.3	8
47	The effect of gas density on glottal vibration and exit jet particle velocity. Journal of the Acoustical Society of America, 1995, 97, 2504-2510.	1.1	2
48	A comparison of type I thyroplasty and arytenoid adduction. Journal of Voice, 1995, 9, 466-472.	1.5	50
49	A Pressure-Regulated Model of Normal and Pathologic Phonation. Otolaryngology - Head and Neck Surgery, 1994, 111, 807-815.	1.9	7
50	The multidimensional nature of pathologic vocal quality. Journal of the Acoustical Society of America, 1994, 96, 1291-1302.	1.1	97
51	Effects of rln and sln stimulation on glottal area. Otolaryngology - Head and Neck Surgery, 1994, 110, 370-380.	1.9	7
52	Determination of vocal fold mucosal wave velocity in an in vivo canine model. Laryngoscope, 1993, 103, 947-953.	2.0	16
53	Laryngeal biomechanics: An overview of mucosal wave mechanics. Journal of Voice, 1993, 7, 123-128.	1.5	64
54	Measurement of Young's Modulus in the in Vivo Human Vocal Folds. Annals of Otology, Rhinology and Laryngology, 1993, 102, 584-591.	1.1	55

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55	Effect of Tension, Stiffness, and Airflow on Laryngeal Resistance in the in Vivo Canine Model. Annals of Otology, Rhinology and Laryngology, 1993, 102, 761-768.	1.1	15
56	Perceptual Evaluation of Voice Quality. Journal of Speech, Language, and Hearing Research, 1993, 36, 21-40.	1.6	559
57	Comparing Internal and External Standards in Voice Quality Judgments. Journal of Speech, Language, and Hearing Research, 1993, 36, 14-20.	1.6	209
58	Videostroboscopy of Human Vocal Fold Paralysis. Annals of Otology, Rhinology and Laryngology, 1992, 101, 567-577.	1.1	69
59	Point-Touch Technique of Botulinum Toxin Injection for the Treatment of Spasmodic Dysphonia. Annals of Otology, Rhinology and Laryngology, 1992, 101, 883-887.	1.1	58
60	Individual Differences in Voice Quality Perception. Journal of Speech, Language, and Hearing Research, 1992, 35, 512-520.	1.6	213
61	Effect of Asymmetric Vocal Fold Stiffness on Traveling Wave Velocity in the Canine Larynx. Otolaryngology - Head and Neck Surgery, 1992, 107, 516-526.	1.9	12
62	Synchronizing videostroboscopic images of human laryngeal vibration with physiological signals. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1992, 13, 40-44.	1.3	12
63	Laryngeal Paralyses. Journal of Speech, Language, and Hearing Research, 1992, 35, 545-554.	1.6	36
64	Photoglottography: A clinical synopsis. Journal of Voice, 1991, 5, 98-105.	1.5	19
65	The effect of air flow and medial adductory compression on vocal efficiency and glottal vibration. Otolaryngology - Head and Neck Surgery, 1990, 102, 212-218.	1.9	23
66	Frequency, Intensity, and Target Matching Effects on Photoglottographic Measures of Open Quotient and Speed Quotient. Journal of Speech, Language, and Hearing Research, 1990, 33, 45-50.	1.6	38
67	Listener Experience and Perception of Voice Quality. Journal of Speech, Language, and Hearing Research, 1990, 33, 103-115.	1.6	181
68	Videostroboscopic images associated with glottographic waveforms in an in vivo canine model of phonation. Journal of the Acoustical Society of America, 1989, 85, 1789-1793.	1.1	2
69	Current and Future Horizons in Laryngeal and Voice Research. Annals of Otology, Rhinology and Laryngology, 1989, 98, 145-152.	1.1	14
70	The Effect of Recurrent Laryngeal Nerve Stimulation on Phonation in an In Vivo Canine Model. Laryngoscope, 1989, 99, 977???982.	2.0	19
71	Effect of superior laryngeal nerve stimulation on phonation in an in vivo canine model. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1989, 10, 181-187.	1.3	29
72	A preliminary study of particle velocity during phonation in an in vivo canine model. Journal of Voice, 1989, 3, 306-313.	1.5	31

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73	GLOTTOGRAPHIC MEASURES OF VOCAL FOLD VIBRATION. Laryngoscope, 1988, 98, 541???549.	2.0	49
74	Laryngeal configuration associated with glottography. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1988, 9, 173-179.	1.3	17
75	Transtracheal stimulation of the recurrent laryngeal nerve. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1988, 9, 12-17.	1.3	18
76	LARYNGEAL MODELING. Laryngoscope, 1987, 97, 871???881.	2.0	105
77	Cinegraphic observations of laryngeal function in parkinson's disease. Laryngoscope, 1984, 94, 348-353.	2.0	136
78	Glottographic Measurement of Vocal Dysfunction. Annals of Otology, Rhinology and Laryngology, 1983, 92, 413-420.	1.1	58
79	Formant Frequency Fluctuation as an Index of Motor Steadiness in the Vocal Tract. Journal of Speech, Language, and Hearing Research, 1983, 26, 297-304.	1.6	16
80	Perception of Voice Quality. , 0, , 338-362.		18