Hanjun Liu

List of Publications by Year
in descending order

68 papers	2,038 citations	279798 23 h-index	289244 40 g-index
84 all docs	84 docs citations	84 times ranked	798 citing authors

#	Article	IF	Citations
1	Voice F0 responses to pitch-shifted voice feedback during English speech. Journal of the Acoustical Society of America, 2007, 121, 1157-1163.	1.1	141
2	Vocalization-induced enhancement of the auditory cortex responsiveness during voice F0 feedback perturbation. Clinical Neurophysiology, 2009, 120, 1303-1312.	1.5	131
3	Effects of perturbation magnitude and voice F level on the pitch-shift reflex. Journal of the Acoustical Society of America, 2007, 122, 3671-3677.	1.1	122
4	Interactions between auditory and somatosensory feedback for voice F 0 control. Experimental Brain Research, 2008, 187, 613-621.	1.5	115
5	Differential effects of perturbation direction and magnitude on the neural processing of voice pitch feedback. Clinical Neurophysiology, 2011, 122, 951-957.	1.5	88
6	Vocal Responses to Perturbations in Voice Auditory Feedback in Individuals with Parkinson's Disease. PLoS ONE, 2012, 7, e33629.	2.5	87
7	Time-dependent Neural Processing of Auditory Feedback during Voice Pitch Error Detection. Journal of Cognitive Neuroscience, 2011, 23, 1205-1217.	2.3	76
8	Sensorimotor control of vocal pitch production in Parkinson's disease. Brain Research, 2013, 1527, 99-107.	2.2	64
9	The impact of parkinson's disease on the cortical mechanisms that support auditoryâ€“motor integration for voice control. Human Brain Mapping, 2016, 37, 4248-4261.	3.6	64
10	Electrolarynx in voice rehabilitation. Auris Nasus Larynx, 2007, 34, 327-332.	1.2	63
11	ERP correlates of the magnitude of pitch errors detected in the human voice. Neuroscience, 2013, 240, 176-185.	2.3	55
12	Enhancement of electrolarynx speech based on auditory masking. IEEE Transactions on Biomedical Engineering, 2006, 53, 865-874.	4.2	47
13	ERP correlates of language-specific processing of auditory pitch feedback during self-vocalization. Brain and Language, 2012, 121, 25-34.	1.6	46
14	Age-related differences in vocal responses to pitch feedback perturbations: A preliminary study. Journal of the Acoustical Society of America, 2010, 127, 1042-1046.	1.1	39
15	Effect of tonal native language on voice fundamental frequency responses to pitch feedback perturbations during sustained vocalizations. Journal of the Acoustical Society of America, 2010, 128, 3739-3746.	1.1	37
16	Top-Down Modulation of Auditory-Motor Integration during Speech Production: The Role of Working Memory. Journal of Neuroscience, 2017, 37, 10323-10333.	3.6	36
17	The developmental trajectory of vocal and eventâ€related potential responses to frequencyâ€altered auditory feedback. European Journal of Neuroscience, 2013, 38, 3189-3200.	2.6	32
18	Working memory training to improve speech perception in noise across languages. Journal of the Acoustical Society of America, 2015, 137, 3477-3486.	1.1	32

#	Article	IF	Citations
19	Hybrid Convolutional Recurrent Neural Networks Outperform CNN and RNN in Task-state EEG Detection for Parkinson's Disease. , 2019, , .		31
20	Auditory Feedback Control of Vocal Pitch during Sustained Vocalization: A Cross-Sectional Study of Adult Aging. PLoS ONE, 2011, 6, e22791.	2.5	31
21	Effect of temporal predictability on the neural processing of self-triggered auditory stimulation during vocalization. BMC Neuroscience, 2012, 13, 55.	1.9	28
22	Cerebellar contribution to auditory feedback control of speech production: Evidence from patients with spinocerebellar ataxia. Human Brain Mapping, 2019, 40, 4748-4758.	3.6	28
23	Selective and divided attention modulates auditoryâ€"vocal integration in the processing of pitch feedback errors. European Journal of Neuroscience, 2015, 42, 1895-1904.	2.6	27
24	Enhancement of electrolarynx speech using adaptive noise cancelling based on independent component analysis. Medical and Biological Engineering and Computing, 2003, 41, 670-678.	2.8	26
25	Attenuation of vocal responses to pitch perturbations during Mandarin speech. Journal of the Acoustical Society of America, 2009, 125, 2299-2306.	1.1	26
26	Auditory feedback control of voice fundamental frequency in school children. Journal of the Acoustical Society of America, 2010, 128, 1306-1312.	1.1	25
27	Topâ€"Down Inhibitory Mechanisms Underlying Auditoryâ€"Motor Integration for Voice Control: Evidence by TMS. Cerebral Cortex, 2020, 30, 4515-4527.	2.9	24
28	Compensatory responses to loudness-shifted voice feedback during production of Mandarin speech. Journal of the Acoustical Society of America, 2007, 122, 2405-2412.	1.1	23
29	Effects of Place of Articulation and Aspiration on Voice Onset Time in Mandarin Esophageal Speech. Folia Phoniatrica Et Logopaedica, 2007, 59, 147-154.	1.1	21
30	Formant Characteristics of Vowels Produced by Mandarin Esophageal Speakers. Journal of Voice, 2009, 23, 255-260.	1.5	21
31	Voice fundamental frequency modulates vocal response to pitch perturbations during English speech. Journal of the Acoustical Society of America, 2010, 127, EL1-EL5.	1.1	21
32	Laryngeal electromyographic responses to perturbations in voice pitch auditory feedback. Journal of the Acoustical Society of America, 2011, 129, 3946-3954.	1.1	21
33	Attention Modulates Cortical Processing of Pitch Feedback Errors in Voice Control. Scientific Reports, 2015, 5, 7812.	3.3	21
34	Sex-related differences in vocal responses to pitch feedback perturbations during sustained vocalization. Journal of the Acoustical Society of America, 2010, 128, EL355-EL360.	1.1	20
35	Acoustic characteristics of Mandarin esophageal speech. Journal of the Acoustical Society of America, 2005, 118, 1016-1025.	1.1	19
36	Tonal Perceptions in Normal Laryngeal, Esophageal, and Electrolaryngeal Speech of Mandarin. Folia Phoniatrica Et Logopaedica, 2006, 58, 340-352.	1.1	19

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37	Neurophysiological evidence of differential mechanisms involved in producing opposing and following responses to altered auditory feedback. Clinical Neurophysiology, 2013, 124, 2161-2171.	1.5	19
38	Application of spectral subtraction method on enhancement of electrolarynx speech. Journal of the Acoustical Society of America, 2006, 120, 398-406.	1.1	18
39	Transfer Effect of Speech-sound Learning on Auditory-motor Processing of Perceived Vocal Pitch Errors. Scientific Reports, 2015, 5, 13134.	3.3	16
40	Regional homogeneity of intrinsic brain activity correlates with auditory-motor processing of vocal pitch errors. NeuroImage, 2016, 142, 565-575.	4.2	16
41	Long-term average spectral characteristics of Cantonese alaryngeal speech. Auris Nasus Larynx, 2009, 36, 571-577.	1.2	15
42	Enhanced neural responses to self-triggered voice pitch feedback perturbations. NeuroReport, 2010, 21, 527-531.	1.2	15
43	Auditory-Motor Control of Vocal Production during Divided Attention: Behavioral and ERP Correlates. Frontiers in Neuroscience, 2018, 12, 113.	2.8	14
44	Effects of combination of linguistic and musical pitch experience on subcortical pitch encoding. Journal of Neurolinguistics, 2018, 47, 145-155.	1.1	14
45	Aerodynamic characteristics of laryngectomees breathing quietly and speaking with the electrolarynx. Journal of Voice, 2004, 18, 567-577.	1.5	13
46	The Effect of Tonal Changes on Voice Onset Time in Mandarin Esophageal Speech. Journal of Voice, 2008, 22, 210-218.	1.5	13
47	Predicting auditory feedback control of speech production from subregional shape of subcortical structures. Human Brain Mapping, 2018, 39, 459-471.	3.6	13
48	Decreased Gray-Matter Volume in Insular Cortex as a Correlate of Singersâ€™ Enhanced Sensorimotor Control of Vocal Production. Frontiers in Neuroscience, 2019, 13, 815.	2.8	13
49	Cerebellar Continuous Theta Burst Stimulation Facilitates Auditoryâ€“Vocal Integration in Spinocerebellar Ataxia. Cerebral Cortex, 2022, 32, 455-466.	2.9	13
50	Aging and Sex Influence Cortical Auditory-Motor Integration for Speech Control. Frontiers in Neuroscience, 2018, 12, 749.	2.8	12
51	External cueing facilitates auditory-motor integration for speech control in individuals with Parkinson's disease. Neurobiology of Aging, 2019, 76, 96-105.	3.1	12
52	Dynamics of Vocalization-Induced Modulation of Auditory Cortical Activity at Mid-utterance. PLoS ONE, 2013, 8, e60039.	2.5	12
53	Developmental sex-specific change in auditoryâ€“vocal integration: ERP evidence in children. Clinical Neurophysiology, 2013, 124, 503-513.	1.5	11
54	Training of Working Memory Impacts Neural Processing of Vocal Pitch Regulation. Scientific Reports, 2015, 5, 16562.	3.3	11

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55	Neurobehavioral Effects of LSVTÂ® LOUD on Auditory-Vocal Integration in Parkinsonâ€™s Disease: A Preliminary Study. Frontiers in Neuroscience, 2021, 15, 624801.	2.8	11
56	A Causal Role of the Cerebellum in Auditory Feedback Control of Vocal Production. Cerebellum, 2021, 20, 584-595.	2.5	11
57	Features of Listeners Affecting the Perceptions of Mandarin Electrolaryngeal Speech. Folia Phoniatrica Et Logopaedica, 2005, 57, 9-19.	1.1	9
58	Menstrual Cycle Phase Modulates Auditory-Motor Integration for Vocal Pitch Regulation. Frontiers in Neuroscience, 2016, 10, 600.	2.8	7
59	Temporal Lobe Epilepsy Alters Auditory-motor Integration For Voice Control. Scientific Reports, 2016, 6, 28909.	3.3	7
60	Continuous theta burst stimulation over left and right supramarginal gyri demonstrates their involvement in auditory feedback control of vocal production. Cerebral Cortex, 2022, 33, 11-22.	2.9	7
61	Multi-Granularity Whole-Brain Segmentation Based Functional Network Analysis Using Resting-State fMRI. Frontiers in Neuroscience, 2018, 12, 942.	2.8	6
62	Experience-dependent Influence of Music and Language on Lexical Pitch Learning Is Not Additive. , 0, , .		6
63	The Association Between Genetic Variation in FOXP2 and Sensorimotor Control of Speech Production. Frontiers in Neuroscience, 2018, 12, 666.	2.8	5
64	Audio-vocal interactions in the mammalian brain. Handbook of Behavioral Neuroscience, 2010, 19, 393-402.	0.7	4
65	Linking Cortical Morphology to Interindividual Variability in Auditory Feedback Control of Vocal Production. Cerebral Cortex, 2021, 31, 2932-2943.	2.9	2
66	Effect of Temporal Lobe Epilepsy on Auditory-motor Integration for Vocal Pitch Regulation: Evidence from Brain Functional Network Analysis. , 2019, 2019, 3849-3853.		1
67	Event-related potential correlates of auditory feedback control of vocal production in experienced singers. NeuroReport, 2020, 31, 325-331.	1.2	1
68	Effects of COMT polymorphism on the cortical processing of vocal pitch regulation. NeuroReport, 2018, 29, 1530-1536.	1.2	0