

Hanjun Liu

List of Publications by Year in descending order

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68
papers

2,038
citations

279487

23
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288905

40
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84
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84
docs citations

84
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Cerebellar Continuous Theta Burst Stimulation Facilitates Auditory-Vocal Integration in Spinocerebellar Ataxia. <i>Cerebral Cortex</i> , 2022, 32, 455-466.	1.6	13
2	Continuous theta burst stimulation over left and right supramarginal gyri demonstrates their involvement in auditory feedback control of vocal production. <i>Cerebral Cortex</i> , 2022, 33, 11-22.	1.6	7
3	Linking Cortical Morphology to Interindividual Variability in Auditory Feedback Control of Vocal Production. <i>Cerebral Cortex</i> , 2021, 31, 2932-2943.	1.6	2
4	Neurobehavioral Effects of LSVT® LOUD on Auditory-Vocal Integration in Parkinson's Disease: A Preliminary Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 624801.	1.4	11
5	A Causal Role of the Cerebellum in Auditory Feedback Control of Vocal Production. <i>Cerebellum</i> , 2021, 20, 584-595.	1.4	11
6	Top-Down Inhibitory Mechanisms Underlying Auditory-Motor Integration for Voice Control: Evidence by TMS. <i>Cerebral Cortex</i> , 2020, 30, 4515-4527.	1.6	24
7	Event-related potential correlates of auditory feedback control of vocal production in experienced singers. <i>NeuroReport</i> , 2020, 31, 325-331.	0.6	1
8	Cerebellar contribution to auditory feedback control of speech production: Evidence from patients with spinocerebellar ataxia. <i>Human Brain Mapping</i> , 2019, 40, 4748-4758.	1.9	28
9	Decreased Gray-Matter Volume in Insular Cortex as a Correlate of Singers' Enhanced Sensorimotor Control of Vocal Production. <i>Frontiers in Neuroscience</i> , 2019, 13, 815.	1.4	13
10	External cueing facilitates auditory-motor integration for speech control in individuals with Parkinson's disease. <i>Neurobiology of Aging</i> , 2019, 76, 96-105.	1.5	12
11	Hybrid Convolutional Recurrent Neural Networks Outperform CNN and RNN in Task-state EEG Detection for Parkinson's Disease. , 2019, , .		31
12	Effect of Temporal Lobe Epilepsy on Auditory-motor Integration for Vocal Pitch Regulation: Evidence from Brain Functional Network Analysis. , 2019, 2019, 3849-3853.		1
13	Predicting auditory feedback control of speech production from subregional shape of subcortical structures. <i>Human Brain Mapping</i> , 2018, 39, 459-471.	1.9	13
14	Effects of COMT polymorphism on the cortical processing of vocal pitch regulation. <i>NeuroReport</i> , 2018, 29, 1530-1536.	0.6	0
15	Aging and Sex Influence Cortical Auditory-Motor Integration for Speech Control. <i>Frontiers in Neuroscience</i> , 2018, 12, 749.	1.4	12
16	Multi-Granularity Whole-Brain Segmentation Based Functional Network Analysis Using Resting-State fMRI. <i>Frontiers in Neuroscience</i> , 2018, 12, 942.	1.4	6
17	The Association Between Genetic Variation in FOXP2 and Sensorimotor Control of Speech Production. <i>Frontiers in Neuroscience</i> , 2018, 12, 666.	1.4	5
18	Auditory-Motor Control of Vocal Production during Divided Attention: Behavioral and ERP Correlates. <i>Frontiers in Neuroscience</i> , 2018, 12, 113.	1.4	14

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19	Effects of combination of linguistic and musical pitch experience on subcortical pitch encoding. <i>Journal of Neurolinguistics</i> , 2018, 47, 145-155.	0.5	14
20	Top-Down Modulation of Auditory-Motor Integration during Speech Production: The Role of Working Memory. <i>Journal of Neuroscience</i> , 2017, 37, 10323-10333.	1.7	36
21	Menstrual Cycle Phase Modulates Auditory-Motor Integration for Vocal Pitch Regulation. <i>Frontiers in Neuroscience</i> , 2016, 10, 600.	1.4	7
22	Temporal Lobe Epilepsy Alters Auditory-motor Integration For Voice Control. <i>Scientific Reports</i> , 2016, 6, 28909.	1.6	7
23	Regional homogeneity of intrinsic brain activity correlates with auditory-motor processing of vocal pitch errors. <i>NeuroImage</i> , 2016, 142, 565-575.	2.1	16
24	The impact of parkinson's disease on the cortical mechanisms that support auditoryâ€“motor integration for voice control. <i>Human Brain Mapping</i> , 2016, 37, 4248-4261.	1.9	64
25	Transfer Effect of Speech-sound Learning on Auditory-motor Processing of Perceived Vocal Pitch Errors. <i>Scientific Reports</i> , 2015, 5, 13134.	1.6	16
26	Attention Modulates Cortical Processing of Pitch Feedback Errors in Voice Control. <i>Scientific Reports</i> , 2015, 5, 7812.	1.6	21
27	Training of Working Memory Impacts Neural Processing of Vocal Pitch Regulation. <i>Scientific Reports</i> , 2015, 5, 16562.	1.6	11
28	Working memory training to improve speech perception in noise across languages. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 3477-3486.	0.5	32
29	Selective and divided attention modulates auditoryâ€“vocal integration in the processing of pitch feedback errors. <i>European Journal of Neuroscience</i> , 2015, 42, 1895-1904.	1.2	27
30	Sensorimotor control of vocal pitch production in Parkinson's disease. <i>Brain Research</i> , 2013, 1527, 99-107.	1.1	64
31	ERP correlates of the magnitude of pitch errors detected in the human voice. <i>Neuroscience</i> , 2013, 240, 176-185.	1.1	55
32	Developmental sex-specific change in auditoryâ€“vocal integration: ERP evidence in children. <i>Clinical Neurophysiology</i> , 2013, 124, 503-513.	0.7	11
33	Neurophysiological evidence of differential mechanisms involved in producing opposing and following responses to altered auditory feedback. <i>Clinical Neurophysiology</i> , 2013, 124, 2161-2171.	0.7	19
34	The developmental trajectory of vocal and eventâ€“related potential responses to frequencyâ€“altered auditory feedback. <i>European Journal of Neuroscience</i> , 2013, 38, 3189-3200.	1.2	32
35	Dynamics of Vocalization-Induced Modulation of Auditory Cortical Activity at Mid-utterance. <i>PLoS ONE</i> , 2013, 8, e60039.	1.1	12
36	Effect of temporal predictability on the neural processing of self-triggered auditory stimulation during vocalization. <i>BMC Neuroscience</i> , 2012, 13, 55.	0.8	28

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37	ERP correlates of language-specific processing of auditory pitch feedback during self-vocalization. <i>Brain and Language</i> , 2012, 121, 25-34.	0.8	46
38	Vocal Responses to Perturbations in Voice Auditory Feedback in Individuals with Parkinson's Disease. <i>PLoS ONE</i> , 2012, 7, e33629.	1.1	87
39	Differential effects of perturbation direction and magnitude on the neural processing of voice pitch feedback. <i>Clinical Neurophysiology</i> , 2011, 122, 951-957.	0.7	88
40	Time-dependent Neural Processing of Auditory Feedback during Voice Pitch Error Detection. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1205-1217.	1.1	76
41	Laryngeal electromyographic responses to perturbations in voice pitch auditory feedback. <i>Journal of the Acoustical Society of America</i> , 2011, 129, 3946-3954.	0.5	21
42	Auditory Feedback Control of Vocal Pitch during Sustained Vocalization: A Cross-Sectional Study of Adult Aging. <i>PLoS ONE</i> , 2011, 6, e22791.	1.1	31
43	Enhanced neural responses to self-triggered voice pitch feedback perturbations. <i>NeuroReport</i> , 2010, 21, 527-531.	0.6	15
44	Voice fundamental frequency modulates vocal response to pitch perturbations during English speech. <i>Journal of the Acoustical Society of America</i> , 2010, 127, EL1-EL5.	0.5	21
45	Sex-related differences in vocal responses to pitch feedback perturbations during sustained vocalization. <i>Journal of the Acoustical Society of America</i> , 2010, 128, EL355-EL360.	0.5	20
46	Auditory feedback control of voice fundamental frequency in school children. <i>Journal of the Acoustical Society of America</i> , 2010, 128, 1306-1312.	0.5	25
47	Effect of tonal native language on voice fundamental frequency responses to pitch feedback perturbations during sustained vocalizations. <i>Journal of the Acoustical Society of America</i> , 2010, 128, 3739-3746.	0.5	37
48	Audio-vocal interactions in the mammalian brain. <i>Handbook of Behavioral Neuroscience</i> , 2010, 19, 393-402.	0.7	4
49	Age-related differences in vocal responses to pitch feedback perturbations: A preliminary study. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 1042-1046.	0.5	39
50	Attenuation of vocal responses to pitch perturbations during Mandarin speech. <i>Journal of the Acoustical Society of America</i> , 2009, 125, 2299-2306.	0.5	26
51	Formant Characteristics of Vowels Produced by Mandarin Esophageal Speakers. <i>Journal of Voice</i> , 2009, 23, 255-260.	0.6	21
52	Long-term average spectral characteristics of Cantonese alaryngeal speech. <i>Auris Nasus Larynx</i> , 2009, 36, 571-577.	0.5	15
53	Vocalization-induced enhancement of the auditory cortex responsiveness during voice F0 feedback perturbation. <i>Clinical Neurophysiology</i> , 2009, 120, 1303-1312.	0.7	131
54	Interactions between auditory and somatosensory feedback for voice F0 control. <i>Experimental Brain Research</i> , 2008, 187, 613-621.	0.7	115

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55	The Effect of Tonal Changes on Voice Onset Time in Mandarin Esophageal Speech. <i>Journal of Voice</i> , 2008, 22, 210-218.	0.6	13
56	Effects of perturbation magnitude and voice F level on the pitch-shift reflex. <i>Journal of the Acoustical Society of America</i> , 2007, 122, 3671-3677.	0.5	122
57	Voice F0 responses to pitch-shifted voice feedback during English speech. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 1157-1163.	0.5	141
58	Compensatory responses to loudness-shifted voice feedback during production of Mandarin speech. <i>Journal of the Acoustical Society of America</i> , 2007, 122, 2405-2412.	0.5	23
59	Effects of Place of Articulation and Aspiration on Voice Onset Time in Mandarin Esophageal Speech. <i>Folia Phoniatica Et Logopaedica</i> , 2007, 59, 147-154.	0.5	21
60	Electrolarynx in voice rehabilitation. <i>Auris Nasus Larynx</i> , 2007, 34, 327-332.	0.5	63
61	Enhancement of electrolarynx speech based on auditory masking. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 865-874.	2.5	47
62	Tonal Perceptions in Normal Laryngeal, Esophageal, and Electrolaryngeal Speech of Mandarin. <i>Folia Phoniatica Et Logopaedica</i> , 2006, 58, 340-352.	0.5	19
63	Application of spectral subtraction method on enhancement of electrolarynx speech. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 398-406.	0.5	18
64	Acoustic characteristics of Mandarin esophageal speech. <i>Journal of the Acoustical Society of America</i> , 2005, 118, 1016-1025.	0.5	19
65	Features of Listeners Affecting the Perceptions of Mandarin Electrolaryngeal Speech. <i>Folia Phoniatica Et Logopaedica</i> , 2005, 57, 9-19.	0.5	9
66	Aerodynamic characteristics of laryngectomees breathing quietly and speaking with the electrolarynx. <i>Journal of Voice</i> , 2004, 18, 567-577.	0.6	13
67	Enhancement of electrolarynx speech using adaptive noise cancelling based on independent component analysis. <i>Medical and Biological Engineering and Computing</i> , 2003, 41, 670-678.	1.6	26
68	Experience-dependent Influence of Music and Language on Lexical Pitch Learning Is Not Additive. , 0, , .		6