

# Jayaganesh Swaminathan

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

958  
citations

567281

15  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

663  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experience-dependent Enhancement of Linguistic Pitch Representation in the Brainstem Is Not Specific to a Speech Context. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1092-1105.	2.3	107
2	Musical training, individual differences and the cocktail party problem. <i>Scientific Reports</i> , 2015, 5, 11628.	3.3	105
3	Experience-dependent neural representation of dynamic pitch in the brainstem. <i>NeuroReport</i> , 2009, 20, 408-413.	1.2	92
4	Determining the energetic and informational components of speech-on-speech masking. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 132-144.	1.1	82
5	Psychophysiological Analyses Demonstrate the Importance of Neural Envelope Coding for Speech Perception in Noise. <i>Journal of Neuroscience</i> , 2012, 32, 1747-1756.	3.6	80
6	Quantifying Envelope and Fine-Structure Coding in Auditory Nerve Responses to Chimaeric Speech. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2009, 10, 407-423.	1.8	76
7	Executive Function, Visual Attention and the Cocktail Party Problem in Musicians and Non-Musicians. <i>PLoS ONE</i> , 2016, 11, e0157638.	2.5	73
8	Pitch encoding in speech and nonspeech contexts in the human auditory brainstem. <i>NeuroReport</i> , 2008, 19, 1163-1167.	1.2	72
9	Role of Binaural Temporal Fine Structure and Envelope Cues in Cocktail-Party Listening. <i>Journal of Neuroscience</i> , 2016, 36, 8250-8257.	3.6	39
10	Applications of Static and Dynamic Iterated Rippled Noise to Evaluate Pitch Encoding in the Human Auditory Brainstem. <i>IEEE Transactions on Biomedical Engineering</i> , 2008, 55, 281-287.	4.2	37
11	Use of a glimpsing model to understand the performance of listeners with and without hearing loss in spatialized speech mixtures. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 81-91.	1.1	35
12	Effects of reverberation and noise on speech intelligibility in normal-hearing and aided hearing-impaired listeners. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 1523-1533.	1.1	25
13	Determining the energetic and informational components of speech-on-speech masking in listeners with sensorineural hearing loss. <i>Journal of the Acoustical Society of America</i> , 2019, 145, 440-457.	1.1	25
14	Predicted effects of sensorineural hearing loss on across-fiber envelope coding in the auditory nerve. <i>Journal of the Acoustical Society of America</i> , 2011, 129, 4001-4013.	1.1	20
15	Consonant identification using temporal fine structure and recovered envelope cues. <i>Journal of the Acoustical Society of America</i> , 2014, 135, 2078-2090.	1.1	16
16	Across-Fiber Coding of Temporal Fine-Structure: Effects of Noise-Induced Hearing Loss on Auditory-Nerve Responses. , 2010, , 621-630.		16
17	Consonant identification in noise using Hilbert-transform temporal fine-structure speech and recovered-envelope speech for listeners with normal and impaired hearing. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 389-403.	1.1	13
18	Revisiting the detection of interaural time differences in listeners with hearing loss. <i>Journal of the Acoustical Society of America</i> , 2019, 145, EL508-EL513.	1.1	12

#	ARTICLE	IF	CITATIONS
19	Binaural sensitivity and release from speech-on-speech masking in listeners with and without hearing loss. Journal of the Acoustical Society of America, 2020, 147, 1546-1561.	1.1	12
20	The role of recovered envelope cues in the identification of temporal-fine-structure speech for hearing-impaired listeners. Journal of the Acoustical Society of America, 2015, 137, 505-508.	1.1	11
21	Spectro-temporal weighting of interaural time differences in speech. Journal of the Acoustical Society of America, 2020, 147, 3883-3894.	1.1	7
22	Spatial release from masking for noise-vocoded speech. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0