

Quentin Summerfield

List of Publications by Year in descending order

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42
papers

3,884
citations

172457
29
h-index

289244
40
g-index

44
all docs

44
docs citations

44
times ranked

1496
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the perception of concurrent vowels: Vowels with different fundamental frequencies. Journal of the Acoustical Society of America, 1990, 88, 680-697.	1.1	341
2	Quantifying the contribution of vision to speech perception in noise. International Journal of Audiology, 1987, 21, 131-141.	0.7	335
3	Use of Visual Information for Phonetic Perception. Phonetica, 1979, 36, 314-331.	0.6	308
4	Psychoacoustic and phonetic temporal processing in normal and hearing-impaired listeners. Journal of the Acoustical Society of America, 1982, 72, 740-752.	1.1	246
5	A procedure for measuring auditory and audiovisual speech-reception thresholds for sentences in noise: Rationale, evaluation, and recommendations for use. International Journal of Audiology, 1990, 24, 29-43.	0.7	241
6	Perceptual separation of concurrent speech sounds: Absence of across-frequency grouping by common interaural delay. Journal of the Acoustical Society of America, 1995, 98, 785-797.	1.1	194
7	On the dissociation of spectral and temporal cues to the voicing distinction in initial stop consonants. Journal of the Acoustical Society of America, 1977, 62, 435-448.	1.1	176
8	Audiovisual presentation demonstrates that selective adaptation in speech perception is purely auditory. Perception & Psychophysics, 1981, 30, 309-314.	2.3	163
9	Articulatory rate and perceptual constancy in phonetic perception.. Journal of Experimental Psychology: Human Perception and Performance, 1981, 7, 1074-1095.	0.9	162
10	The Perception of Speech Under Adverse Conditions. , 2004, , 231-308.		146
11	Minimum spectral contrast for vowel identification by normal-hearing and hearing-impaired listeners. Journal of the Acoustical Society of America, 1987, 81, 148-154.	1.1	111
12	Detection and Resolution of Audio-Visual Incompatibility in the Perception of Vowels. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 1984, 36, 51-74.	2.3	110
13	Perceiving vowels from uniform spectra: Phonetic exploration of an auditory aftereffect. Perception & Psychophysics, 1984, 35, 203-213.	2.3	104
14	Auditory enhancement of changes in spectral amplitude. Journal of the Acoustical Society of America, 1987, 81, 700-708.	1.1	96
15	The contribution of waveform interactions to the perception of concurrent vowels. Journal of the Acoustical Society of America, 1994, 95, 471-484.	1.1	93
16	Modeling the perception of concurrent vowels: Vowels with the same fundamental frequency. Journal of the Acoustical Society of America, 1989, 85, 327-338.	1.1	92
17	Measurements of the binaural temporal window using a detection task. Journal of the Acoustical Society of America, 1998, 103, 3540-3553.	1.1	86
18	Information in speech: Observations on the perception of [s]-stop clusters.. Journal of Experimental Psychology: Human Perception and Performance, 1980, 6, 536-563.	0.9	79

#	ARTICLE	IF	CITATIONS
19	Perception of concurrent vowels: Effects of harmonic misalignment and pitch-period asynchrony. Journal of the Acoustical Society of America, 1991, 89, 1364-1377.	1.1	78
20	Differences between spectral dependencies in auditory and phonetic temporal processing: Relevance to the perception of voicing in initial stops. Journal of the Acoustical Society of America, 1982, 72, 51-61.	1.1	64
21	Effects of simulated reverberation on the use of binaural cues and fundamental-frequency differences for separating concurrent vowels. Speech Communication, 1994, 14, 71-95.	2.8	55
22	Responses of auditory nerve fibers to stimuli producing psychophysical enhancement. Journal of the Acoustical Society of America, 1995, 97, 1786-1799.	1.1	54
23	Analysis, synthesis, and perception of visible articulatory movements. Journal of Phonetics, 1983, 11, 63-76.	1.2	51
24	LIPS, TEETH, AND THE BENEFITS OF LIPREADING. , 1989, , 223-233.		49
25	Psychoacoustical and cultural determinants of phoneme boundaries: evidence from trading F0 cues in the voiced-voiceless distinction. Journal of Phonetics, 1981, 9, 49-62.	1.2	47
26	Evaluation of two voice-separation algorithms using normal-hearing and hearing-impaired listeners. Journal of the Acoustical Society of America, 1988, 84, 1236-1249.	1.1	44
27	Influences of formant bandwidth and auditory frequency selectivity on identification of place of articulation in stop consonants. Speech Communication, 1985, 4, 213-229.	2.8	40
28	Auditory enhancement and the perception of concurrent vowels. Perception & Psychophysics, 1989, 45, 529-536.	2.3	40
29	Algorithms for separating the speech of interfering talkers: Evaluations with voiced sentences, and normal-hearing and hearing-impaired listeners. Journal of the Acoustical Society of America, 1990, 87, 359-372.	1.1	38
30	The role of frequency modulation in the perceptual segregation of concurrent vowels. Journal of the Acoustical Society of America, 1995, 98, 837-846.	1.1	36
31	Audio-visual Speech Perception, Lipreading and Artificial Stimulation. , 1983, , 131-182.		32
32	The effect of enhanced spectral contrast on the internal representation of vowel-shaped noise. Journal of the Acoustical Society of America, 1985, 78, 495-506.	1.1	29
33	Clinical evaluation and test-retest reliability of the IHR-McCormick Automated Toy Discrimination Test. International Journal of Audiology, 1994, 28, 165-179.	0.7	28
34	Identification of synthetic /bdg/ by hearing-impaired listeners under monotic and dichotic formant presentation. Journal of the Acoustical Society of America, 1980, 67, 1031-1040.	1.1	26
35	Speech perception in normal and impaired hearing. British Medical Bulletin, 1987, 43, 909-925.	6.9	18
36	Effects of signal-to-noise ratio, signal periodicity, and degree of hearing impairment on the performance of voice-separation algorithms. Journal of the Acoustical Society of America, 1991, 89, 1383-1393.	1.1	14

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37	Test-retest reliability of the Toy Discrimination Test with a masker of noise or babble in children with hearing impairment. International Journal of Audiology, 2013, 52, 377-384.	1.7	10
38	Auditory Enhancement in Speech Perception. , 1987, , 140-150.		8
39	A note on perceptuo-motor adaptation of speech. Journal of Phonetics, 1980, 8, 491-499.	1.2	7
40	The auditory representation of symmetrical CVC syllables. Speech Communication, 1986, 5, 283-297.	2.8	7
41	Minimal spectral contrast of formant peaks for vowel recognition as a function of spectral slope. Perception & Psychophysics, 1994, 56, 379-391.	2.3	7
42	Strengths and Weaknesses of Procedures for Separating Simultaneous Voices. Acta Oto-Laryngologica, 1990, 109, 91-100.	0.9	2