Richard M Warren

List of Publications by Year
in descending order

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108	4,943	76326 40	95266 68
papers	citations	h-index	g-index

133	133	133	1126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Auditory Illusions and Confusions. Scientific American, 1970, 223, 30-37.	1.0	315
2	Measurement of sensory intensity. Behavioral and Brain Sciences, 1981, 4, 175-189.	0.7	199
3	Phonemic restorations based on subsequent context. Perception & Psychophysics, 1974, 16, 150-156.	2.3	192
4	An Auditory Analogue of the Visual Reversible Figure. American Journal of Psychology, 1958, 71, 612.	0.3	178
5	Speech perception and phonemic restorations. Perception & Psychophysics, 1971, 9, 358-362.	2.3	168
6	Visual intensity judgments: An empirical rule and a theory.. Psychological Review, 1969, 76, 16-30.	3.8	165
7	Identification of temporal order within auditory sequences. Perception & Psychophysics, 1972, 12, 86-90.	2.3	138
8	A Basis for Judgments of Sensory Intensity. American Journal of Psychology, 1958, 71, 675.	0.3	136
9	Verbal transformation effect and auditory perceptual mechanisms.. Psychological Bulletin, 1968, 70, 261-270.	6.1	126
10	Spectral redundancy: Intelligibility of sentences heard through narrow spectral slits. Perception & Psychophysics, 1995, 57, 175-182.	2.3	124
11	Basis for Judgments of Relative Brightness*. Journal of the Optical Society of America, 1958, 48, 445.	1.2	122
12	A Basis for Loudness-Judgments. American Journal of Psychology, 1958, 71, 700.	0.3	117
13	Effect of the Relative Volume of Standard and Comparison-Object on Half-Heaviness Judgments. American Journal of Psychology, 1956, 69, 640.	0.3	109
14	Suppression of sweet sensitivity by potassium gymnemate. Journal of Applied Physiology, 1959, 14, 40-42.	2.5	104
15	Increasing the intelligibility of speech through multiple phonemic restorations. Perception & Psychophysics, 1992, 51, 211-217.	2.3	103
16	Auditory temporal discrimination by trained listeners. Cognitive Psychology, 1974, 6, 237-256.	2.2	99
17	Criterion shift rule and perceptual homeostasis.. Psychological Review, 1985, 92, 574-584.	3.8	99
18	ILLUSORY CHANGES OF DISTINCT SPEECH UPON REPETITIONâ€”THE VERBAL TRANSFORMATION EFFECT. British Journal of Psychology, 1961, 52, 249-258.	2.3	96

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19	Relation of sensory scales to physical scales. Behavioral and Brain Sciences, 1992, 15, 586-587.	0.7	96
20	Elimination of Biases in Loudness Judgments for Tones. Journal of the Acoustical Society of America, 1970, 48, 1397-1403.	1.1	95
21	Perceptual restoration of obliterated sounds.. Psychological Bulletin, 1984, 96, 371-383.	6.1	87
22	Tweaking the lexicon: Organization of vowel sequences into words. Perception & Psychophysics, 1990, 47, 423-432.	2.3	82
23	Quantification of Loudness. American Journal of Psychology, 1973, 86, 807.	0.3	79
24	Anomalous loudness function for speech. Journal of the Acoustical Society of America, 1973, 54, 390-396.	1.1	75
25	Basis for Lightness-Judgments of Grays. American Journal of Psychology, 1960, 73, 380.	0.3	72
26	Are 'Autophonic' Judgments Based on Loudness?. American Journal of Psychology, 1962, 75, 452.	0.3	72
27	Lightness of grays: Effects of Background reflectance. Perception & Psychophysics, 1966, 1, 145-148.	2.3	72
28	A Critique of S. S. Stevens' â€œNew Psychophysicsâ€• Perceptual and Motor Skills, 1963, 16, 797-810.	1.3	65
29	Melodic and Nonmelodic Sequences of Tones: Effects of Duration on Perception. Music Perception, 1991, 8, 277-289.	1.1	65
30	Auditory pattern recognition by untrained listeners. Perception & Psychophysics, 1974, 15, 495-500.	2.3	59
31	Multiple phonemic restorations follow the rules for auditory induction. Perception & Psychophysics, 1987, 42, 114-121.	2.3	55
32	When acoustic sequences are not perceptual sequences: The global perception of auditory patterns. Perception & Psychophysics, 1993, 54, 121-126.	2.3	52
33	Identification times for phonemic components of graded complexity and for spelling of speech. Perception & Psychophysics, 1971, 9, 345-349.	2.3	50
34	The vowelâ€sequence illusion: Intrasubject stability and intersubject agreement of syllabic forms. Journal of the Acoustical Society of America, 1996, 100, 2452-2461.	1.1	47
35	A comparison of speech perception in childhood, maturity, and old age by means of the verbal transformation effect. Journal of Verbal Learning and Verbal Behavior, 1966, 5, 142-146.	3.7	46
36	Illusory Changes in Repeated Words: Differences between Young Adults and the Aged. American Journal of Psychology, 1961, 74, 506.	0.3	44

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37	Auditory induction: Reciprocal changes in alternating sounds. Perception & Psychophysics, 1994, 55, 313-322.	2.3	44
38	Use of speech-modulated noise adds strong â€œbottom-upâ€•cues for phonemic restoration. Perception & Psychophysics, 1996, 58, 342-350.	2.3	44
39	MÃ¼ller-Lyer Illusions: Their Origin in Processes Facilitating Object Recognition. Perception, 1977, 6, 615-626.	1.2	43
40	Intelligibility of bandpass filtered speech: Steepness of slopes required to eliminate transition band contributions. Journal of the Acoustical Society of America, 2004, 115, 1292-1295.	1.1	42
41	Prior context and fractional versus multiple estimates of the reflectance of Grays against a fixed standard.. Journal of Experimental Psychology, 1965, 69, 496-502.	1.5	40
42	Ratio- and Partition-Judgments. American Journal of Psychology, 1962, 75, 109.	0.3	39
43	Inhibition of the Sweet Taste by Gymnema sylvestre. Nature, 1969, 223, 94-95.	27.8	39
44	Spectral restoration of speech: Intelligibility is increased by inserting noise in spectral gaps. Perception & Psychophysics, 1997, 59, 275-283.	2.3	39
45	Intelligibilities of 1-octave rectangular bands spanning the speech spectrum when heard separately and paired. Journal of the Acoustical Society of America, 2005, 118, 3261-3266.	1.1	39
46	Perception of acoustic iterance: Pitch and infrapitch. Perception & Psychophysics, 1981, 29, 395-402.	2.3	37
47	Quantitative judgments of color: The square root rule. Perception & Psychophysics, 1967, 2, 448-452.	2.3	36
48	Sensation magnitude judgments are based upon estimates of physical magnitudes. Behavioral and Brain Sciences, 1981, 4, 213-223.	0.7	35
49	The role of contrasting temporal amplitude patterns in the perception of speech. Journal of the Acoustical Society of America, 2003, 113, 1676-1688.	1.1	35
50	Lightness of Gray in the Presence of White. Perceptual and Motor Skills, 1965, 21, 925-926.	1.3	32
51	Illusory continuity of interrupted speech: Speech rate determines durational limits. Journal of the Acoustical Society of America, 1988, 84, 1635-1638.	1.1	31
52	Perception of acoustic sequences: global integration versus temporal resolution. , 1993, , 37-68.		31
53	Auditory contralateral induction: An early stage in binaural processing. Perception & Psychophysics, 1976, 20, 380-386.	2.3	30
54	From neurophysiology to perception. Behavioral and Brain Sciences, 1979, 2, 288-288.	0.7	30

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55	Illusory continuity of tonal and infratonal periodic sounds. Journal of the Acoustical Society of America, 1988, 84, 1338-1342.	1.1	29
56	Temporal discrimination of recycled tonal sequences: Pattern matching and naming of order by untrained listeners. Perception & Psychophysics, 1975, 18, 273-280.	2.3	27
57	Auditory Illusions and Perceptual Processes. , 1976, , 389-417.		26
58	Intelligibility of 1/3-octave speech: Greater contribution of frequencies outside than inside the nominal passband. Journal of the Acoustical Society of America, 1999, 106, L47-L52.	1.1	22
59	Detection of acoustic repetition for very long stochastic patterns. Perception & Psychophysics, 2001, 63, 175-182.	2.3	20
60	Effects of spectral alternation on the intelligibility of words and sentences. Perception & Psychophysics, 1987, 42, 431-438.	2.3	19
61	Relation of the verbal transformation and the phonemic restoration effects. Cognitive Psychology, 1973, 5, 97-107.	2.2	16
62	Effects of listening to repeated syllables: category boundary shifts versus verbal transformations. Journal of Phonetics, 1987, 15, 169-181.	1.2	15
63	Stimuli producing conflicting temporal and spectral cues to frequency. Journal of the Acoustical Society of America, 1981, 70, 1020-1024.	1.1	12
64	Relative contributions of passband and filter skirts to the intelligibility of bandpass speech: Some effects of context and amplitude. Acoustics Research Letters Online: ARLO, 2000, 1, 31-36.	0.7	11
65	Dichotic verbal transformations and evidence of separate processors for identical stimuli. Nature, 1976, 259, 475-477.	27.8	10
66	Broadband repetition pitch: Spectral dominance or pitch averaging?. Journal of the Acoustical Society of America, 1988, 84, 2058-2062.	1.1	10
67	Binaural release from temporal induction. Perception & Psychophysics, 1996, 58, 899-905.	2.3	10
68	Polling the effective neighborhoods of spoken words with the verbal transformation effect. Journal of the Acoustical Society of America, 2006, 119, EL55-EL59.	1.1	10
69	Are Loudness Judgments Based on Distance Estimates?. Journal of the Acoustical Society of America, 1963, 35, 613-614.	1.1	9
70	AUDITORY PERCEPTION AND SPEECH EVOLUTION. Annals of the New York Academy of Sciences, 1976, 280, 708-717.	3.8	9
71	Enhancing intelligibility of narrowband speech with out-of-band noise: Evidence for lateral suppression at high-normal intensity. Journal of the Acoustical Society of America, 2005, 117, 365-369.	1.1	9
72	Evoking biphone neighborhoods with verbal transformations: Illusory changes demonstrate both lexical competition and inhibition. Journal of the Acoustical Society of America, 2008, 123, EL32-EL38.	1.1	8

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73	An alternative to the computational Speech Intelligibility Index estimates: Direct measurement of Rectangular Passband Intelligibilities.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 296-302.	0.9	8
74	Infrapitch echo. Journal of the Acoustical Society of America, 1980, 68, 1301-1305.	1.1	7
75	Phonemic Transformations: Mapping the Illusory Organization of Steady-State Vowel Sequences. Language and Speech, 1991, 34, 109-143.	1.1	7
76	Intelligibility of bandpass speech: Effects of truncation or removal of transition bands. Journal of the Acoustical Society of America, 2000, 108, 1264.	1.1	7
77	Perceptual transformations in vision and hearing. International Journal of Man-Machine Studies, 1981, 14, 123-132.	0.7	6
78	Spectral fissioning in phonemic transformations. Perception & Psychophysics, 1994, 55, 218-226.	2.3	6
79	Production of white tone from white noise and voiced speech from whisper. Bulletin of the Psychonomic Society, 1978, 11, 327-329.	0.2	5
80	Detection of long interaural delays for broadband noise. Journal of the Acoustical Society of America, 1981, 69, 1510-1514.	1.1	5
81	Phonemic organization does not occur: Hence no feedback. Behavioral and Brain Sciences, 2000, 23, 350-351.	0.7	5
82	Intelligibility of dual rectangular speech bands: Implications of observations concerning amplitude mismatch and asynchrony. Speech Communication, 2003, 40, 551-558.	2.8	5
83	Sensory magnitudes and their physical correlates. Behavioral and Brain Sciences, 1989, 12, 296-297.	0.7	4
84	Enhancing the intelligibility of high-intensity speech: Evidence of inhibition in the lower auditory pathway. Proceedings of Meetings on Acoustics, 2011, 12, .	0.3	4
85	Perceptual bases for the evolution of speech. , 1988, , 101-110.		4
86	Helmholtz and His Continuing Influence. Music Perception, 1984, 1, 253-275.	1.1	3
87	When intelligibilities of paired speech bands do not behave the way they are supposed to. Journal of the Acoustical Society of America, 2013, 134, EL244-EL250.	1.1	3
88	Critical bandwidth speech: Arrays of subcritical band speech maintain near-ceiling intelligibility at high amplitudes. Journal of the Acoustical Society of America, 2017, 141, EL222-EL227.	1.1	3
89	Multiple Meanings of â€œPhonemeâ€•(Articulatory, Acoustic, Perceptual, Graphemic) and Their Confusions. Speech and Language: Advances in Basic Research and Practice, 1983, 9, 285-311.	0.1	3
90	Aphasics Can Distinguish Permuted Orders of Phonemesâ€”But Only If Presented Rapidly. Journal of Speech, Language, and Hearing Research, 1995, 38, 473-476.	1.6	3

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91	Maintaining intelligibility at high speech intensities: Evidence of lateral inhibition in the lower auditory pathway. Journal of the Acoustical Society of America, 2013, 134, EL119-EL125.	1.1	2
92	The spread and density of the phonological neighborhood can strongly influence the verbal transformation illusion. Proceedings of Meetings on Acoustics, 2009, 6, 60002-600028.	0.3	2
93	The calibration of sensory scales. Behavioral and Brain Sciences, 1983, 6, 319-320.	0.7	1
94	When noise vocoding can improve the intelligibility of sub-critical band speech.. Proceedings of Meetings on Acoustics, 2010, 9, 60001-600019.	0.3	1
95	How broadband speech may avoid neural firing rate saturation at high intensities and maintain intelligibility. Proceedings of Meetings on Acoustics, 2013, 13, 3426.	0.3	1
96	How broadband speech may avoid neural firing rate saturation at high intensities and maintain intelligibility. Journal of the Acoustical Society of America, 2015, 137, EL340-EL346.	1.1	1
97	Perception of complex tone pairs mistuned from unison. Journal of the Acoustical Society of America, 1989, 86, 116-125.	1.1	0
98	The use of mathematical models in perceptual theory. Behavioral and Brain Sciences, 1989, 12, 776-776.	0.7	0
99	Global pattern perception and temporal order judgments. Behavioral and Brain Sciences, 1992, 15, 230-231.	0.7	0
100	Ratio Scaling of Psychological Magnitude: In Honor of the Memory of S. S. Stevens. American Journal of Psychology, 1993, 106, 476.	0.3	0
101	Should we continue to study consciousness?. Behavioral and Brain Sciences, 1995, 18, 270-271.	0.7	0
102	Confusion of sensations and their physical correlates. Behavioral and Brain Sciences, 2003, 26, 51-51.	0.7	0
103	Synthesizing complex sensations from simple components. Behavioral and Brain Sciences, 2008, 31, 90-91.	0.7	0
104	Is intelligibility of adjacent passbands hypoadditive or hyperadditive?. Proceedings of Meetings on Acoustics, 2009, 6, 50002.	0.3	0
105	When spectral smearing can increase speech intelligibility. Proceedings of Meetings on Acoustics, 2013, 19, 60118-60124.	0.3	0
106	Arrays of subcritical width rectangular speech bands maintain intelligibility at high intensities. Proceedings of Meetings on Acoustics, 2014, , .	0.3	0
107	Maintaining intelligibility at high intensities with arrays of subcritical width speech bands and interpolated noise. Journal of the Acoustical Society of America, 2017, 142, EL299-EL305.	1.1	0
108	Arrays of rectangular subcritical speech bands: Intelligibility improved by noise-vocoding and expanding to critical bandwidths. Journal of the Acoustical Society of America, 2018, 143, EL305-EL310.	1.1	0