E William Yund

List of Publications by Year
in descending order

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84 papers	3,599 citations	147801 31 h-index	149698 56 g-index
86 all docs	86 docs citations	86 times ranked	3373 citing authors

#	Article	IF	Citations
1	Attentional modulation of human auditory cortex. Nature Neuroscience, 2004, 7, 658-663.	14.8	291
2	Improving digit span assessment of short-term verbal memory. Journal of Clinical and Experimental Neuropsychology, 2011, 33, 101-111.	1.3	220
3	Factors influencing the latency of simple reaction time. Frontiers in Human Neuroscience, 2015, 9, 131.	2.0	207
4	Responses of striate cortex cells to grating and checkerboard patterns.. Journal of Physiology, 1979, 291, 483-505.	2.9	187
5	Hemispheric Asymmetry in Global/Local Processing: Effects of Stimulus Position and Spatial Frequency. NeuroImage, 2002, 17, 1290-1299.	4.2	167
6	Functional Maps of Human Auditory Cortex: Effects of Acoustic Features and Attention. PLoS ONE, 2009, 4, e5183.	2.5	131
7	The role of spatial frequency in the processing of hierarchically organized stimuli. Perception & Psychophysics, 1993, 54, 773-784.	2.3	96
8	Auditory Attention Activates Peripheral Visual Cortex. PLoS ONE, 2009, 4, e4645.	2.5	92
9	Functional Properties of Human Auditory Cortical Fields. Frontiers in Systems Neuroscience, 2010, 4, 155.	2.5	85
10	Multichannel compression hearing aids: Effect of number of channels on speech discrimination in noise. Journal of the Acoustical Society of America, 1995, 97, 1206-1223.	1.1	79
11	Spatial frequency and attention: Effects of level-, target-, and location-repetition on the processing of global and local forms. Perception & Psychophysics, 1996, 58, 363-373.	2.3	78
12	Age-related slowing of response selection and production in a visual choice reaction time task. Frontiers in Human Neuroscience, 2015, 9, 193.	2.0	76
13	Perceptual training improves syllable identification in new and experienced hearing aid users. Journal of Rehabilitation Research and Development, 2006, 43, 537.	1.6	71
14	Neural substrates for visual perceptual grouping in humans. Psychophysiology, 2001, 38, 926-935.	2.4	70
15	Detectability gradients as a function of target location. Brain and Cognition, 1990, 12, 1-16.	1.8	62
16	Interactions between spatial attention and global/local feature selection. NeuroReport, 2000, 11, 2753-2758.	1.2	60
17	Enhanced speech perception at low signalâ€toâ€noise ratios with multichannel compression hearing aids. Journal of the Acoustical Society of America, 1995, 97, 1224-1240.	1.1	59
18	Computerized Measures of Finger Tapping: Effects of Hand Dominance, Age, and Sex. Perceptual and Motor Skills, 2013, 116, 929-952.	1.3	57

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19	Dichotic competition of simultaneous tone bursts of different frequencyâ€”I. Dissociation of pitch from lateralization and loudness. Neuropsychologia, 1974, 12, 249-256.	1.6	54
20	An ear asymmetry for gap detection following anterior temporal lobectomy. Neuropsychologia, 1985, 23, 43-50.	1.6	54
21	Central auditory processing *1III. The ?cocktail party? effect and anterior temporal lobectomy. Brain and Language, 1983, 19, 254-263.	1.6	52
22	The Effects of Aging, Malingering, and Traumatic Brain Injury on Computerized Trail-Making Test Performance. PLoS ONE, 2015, 10, e0124345.	2.5	47
23	Phonemes, intensity and attention: Differential effects on the mismatch negativity (MMN). Journal of the Acoustical Society of America, 1999, 106, 3492-3505.	1.1	45
24	Attentional selection in the processing of hierarchical patterns: an ERP study. Biological Psychology, 2001, 56, 113-130.	2.2	45
25	Scanning the visual field without eye movementsâ€”A sex difference. Neuropsychologia, 1987, 25, 637-644.	1.6	43
26	An ERP study of the global precedence effect: the role of spatial frequency. Clinical Neurophysiology, 2003, 114, 1850-1865.	1.5	43
27	Consonant identification in consonant-vowel-consonant syllables in speech-spectrum noise. Journal of the Acoustical Society of America, 2010, 127, 1609-1623.	1.1	37
28	Content and Procedural Learning in Repeated Sentence Tests of Speech Perception. Ear and Hearing, 2010, 31, 769-778.	2.1	36
29	Dichotic competition of simultaneous tone bursts of different frequencyâ€”II. Suppression and ear dominance functions. Neuropsychologia, 1975, 13, 137-150.	1.6	35
30	Attention modulates sound processing in human auditory cortex but not the inferior colliculus. NeuroReport, 2007, 18, 1311-1314.	1.2	35
31	Phonological Processing in Human Auditory Cortical Fields. Frontiers in Human Neuroscience, 2011, 5, 42.	2.0	35
32	Spatial Nonuniformities in Visual Search. Brain and Cognition, 1996, 31, 331-368.	1.8	34
33	Acclimatization in wide dynamic range multichannel compression and linear amplification hearing aids. Journal of Rehabilitation Research and Development, 2006, 43, 517.	1.6	33
34	Ear dominance and intensity independence in the perception of dichotic chords. Journal of the Acoustical Society of America, 1976, 59, 889-898.	1.1	32
35	Central auditory processing *1IV. Ear dominance?Spatial and temporal complexity. Brain and Language, 1983, 19, 264-282.	1.6	31
36	Hemispherically-Unified Surface Maps of Human Cerebral Cortex: Reliability and Hemispheric Asymmetries. PLoS ONE, 2012, 7, e45582.	2.5	30

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37	Visual detectability gradients: Effect of illiteracy. Brain and Cognition, 1991, 17, 42-51.	1.8	29
38	Is attentional selection to different levels of hierarchical structure based on spatial frequency?. Journal of Experimental Psychology: General, 1999, 128, 88-94.	2.1	29
39	Computerized analysis of error patterns in digit span recall. Journal of Clinical and Experimental Neuropsychology, 2011, 33, 721-734.	1.3	29
40	Computerized Analysis of Verbal Fluency: Normative Data and the Effects of Repeated Testing, Simulated Malingering, and Traumatic Brain Injury. PLoS ONE, 2016, 11, e0166439.	2.5	28
41	Frequency Discrimination in Listeners with Sensorineural Hearing loss. Ear and Hearing, 1993, 14, 190-201.	2.1	27
42	Improving the resolution of functional brain imaging: analyzing functional data in anatomical space. Magnetic Resonance Imaging, 2007, 25, 1070-1078.	1.8	27
43	Computerized measures of finger tapping: Reliability, malingering and traumatic brain injury. Journal of Clinical and Experimental Neuropsychology, 2013, 35, 745-758.	1.3	26
44	Dichotic competition of simultaneous tone bursts of different frequencyâ€”III. The effect of stimulus parameters on suppression and ear dominance functions. Neuropsychologia, 1975, 13, 151-161.	1.6	25
45	Efficacy of tailored computer-based neurorehabilitation for improvement of movement initiation in Parkinson's disease. Brain Research, 2012, 1452, 151-164.	2.2	25
46	The Effect of Multichannel Compression on Vowel and Stop-Consonant Discrimination in Normal-Hearing and Hearing-Impaired Subjects. Ear and Hearing, 1995, 16, 529-543.	2.1	24
47	Local landmark-based mapping of human auditory cortex. NeuroImage, 2004, 22, 1657-1670.	4.2	24
48	Model for the relative salience of the pitch of pure tones presented dichotically. Journal of the Acoustical Society of America, 1977, 62, 607-617.	1.1	23
49	Serial processing of visual spatial patterns in a search paradigm. Brain and Cognition, 1990, 12, 17-41.	1.8	23
50	Measuring consonant identification in nonsense syllables, words, and sentences. Journal of Rehabilitation Research and Development, 2010, 47, 243.	1.6	23
51	Detectability as a function of spatial location: Effects of selective attention. Brain and Cognition, 1990, 12, 42-54.	1.8	22
52	Detectability as a function of target location: Effects of spatial configuration. Brain and Cognition, 1990, 12, 102-116.	1.8	21
53	An improved spatial span test of visuospatial memory. Memory, 2016, 24, 1142-1155.	1.7	21
54	Aided and Unaided Speech Perception by Older Hearing Impaired Listeners. PLoS ONE, 2015, 10, e0114922.	2.5	21

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55	Dichoptic and dichotic micropattern discrimination. Perception & Psychophysics, 1974, 15, 383-390.	2.3	19
56	Discrimination of Multichannel-Compressed Speech in Noise. Ear and Hearing, 1995, 16, 417-427.	2.1	19
57	Perception of Dichotic Chords by Normal and Commisurotomized Human Subjects. Cortex, 1977, 13, 137-149.	2.4	17
58	The role of spatial frequency in cued shifts of attention between global and local forms. Perception & Psychophysics, 2000, 62, 753-761.	2.3	17
59	The Effects of Repeated Testing, Simulated Malingering, and Traumatic Brain Injury on Visual Choice Reaction Time. Frontiers in Human Neuroscience, 2015, 9, 595.	2.0	17
60	Dichotic competition of simultaneous tone bursts of different frequency: IV. Correlation with dichotic competition of speech signals. Brain and Language, 1976, 3, 246-254.	1.6	16
61	Target detection in one visual field in the presence or absence of stimuli in the contralateral field by right-and left-handed subjects. Brain and Cognition, 1990, 12, 117-127.	1.8	16
62	Measuring executive function in control subjects and TBI patients with question completion time (QCT). Frontiers in Human Neuroscience, 2015, 9, 288.	2.0	16
63	Speech Perception in Older Hearing Impaired Listeners: Benefits of Perceptual Training. PLoS ONE, 2015, 10, e0113965.	2.5	16
64	Central auditory processing *1I. Ear dominance?A perceptual or an attentional asymmetry?. Brain and Language, 1983, 19, 225-236.	1.6	15
65	Guided Search: The Effects of Learning. Brain and Cognition, 1996, 31, 369-386.	1.8	15
66	Ear dominance in dichotic chords and ear superiority in frequency discrimination. Journal of the Acoustical Society of America, 1977, 62, 624-632.	1.1	14
67	The Effects of Repeated Testing, Simulated Malingering, and Traumatic Brain Injury on High-Precision Measures of Simple Visual Reaction Time. Frontiers in Human Neuroscience, 2015, 9, 540.	2.0	13
68	Visual detectability gradients: The effect of distractors in contralateral field. Brain and Cognition, 1990, 12, 128-143.	1.8	12
69	Human brain specialization for phonetic attention. NeuroReport, 1999, 10, 1605-1608.	1.2	11
70	The micropattern effect and visible persistence. Perception & Psychophysics, 1983, 34, 209-213.	2.3	10
71	Perceptual Training of Phoneme Identification for Hearing Loss. Seminars in Hearing, 2007, 28, 110-119.	1.2	10
72	A Computerized Test of Design Fluency. PLoS ONE, 2016, 11, e0153952.	2.5	10

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73	Individual differences in the perception of dichotic chords. Journal of the Acoustical Society of America, 1979, 66, 75-86.	1.1	8
74	The Dyad-Adaptive Paced Auditory Serial Addition Test (DA-PASAT): Normative data and the effects of repeated testing, simulated malingering, and traumatic brain injury. PLoS ONE, 2018, 13, e0178148.	2.5	8
75	The perception of dichotic chords by hemispherectomized subjects. Brain and Language, 1977, 4, 537-549.	1.6	7
76	Attentional Inhibition or Paracontrast?. Brain and Cognition, 1999, 41, 111-149.	1.8	7
77	Age-related changes in consonant and sentence processing. Journal of Rehabilitation Research and Development, 2012, 49, 1277.	1.6	7
78	Intermodal attention modulates visual processing in dorsal and ventral streams. NeuroImage, 2012, 63, 1295-1304.	4.2	6
79	Visual detectability gradients: Effect of high-speed visual experience. Brain and Cognition, 1991, 17, 52-63.	1.8	5
80	The effect of bone conduction on the intensity independence of dichotic chords. Journal of the Acoustical Society of America, 1979, 65, 259-261.	1.1	4
81	Preattentive Control of Serial Auditory Processing in Dichotic Listening. Brain and Language, 1999, 66, 358-376.	1.6	4
82	The Bay Area Verbal Learning Test (BAVLT): Normative Data and the Effects of Repeated Testing, Simulated Malingering, and Traumatic Brain Injury. Frontiers in Human Neuroscience, 2016, 10, 654.	2.0	4
83	Functional and anatomical properties of human visual cortical fields. Vision Research, 2015, 109, 107-121.	1.4	2
84	COMPUTERIZED MEASURES OF FINGER TAPPING: EFFECTS OF HAND DOMINANCE, AGE, AND SEX1,2. Perceptual and Motor Skills, 0, , 130718095826009.	1.3	1