Jean Vroomen

List of Publications by Year
in descending order

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137 papers	7,610 citations	61687 45 h-index	66518 82 g-index
146 all docs	146 docs citations	146 times ranked	4566 citing authors

#	Article	IF	Citations
1	In sync with your child: The potential of parentâ€“child electroencephalography in developmental research. Developmental Psychobiology, 2022, 64, e22221.	0.9	15
2	Comment on â€œDifferential Effects of the Temporal and Spatial Distribution of Audiovisual Stimuli on Crossâ€Modal Spatial Recalibrationâ€. European Journal of Neuroscience, 2021, 53, 3637-3639.	1.2	1
3	Suppression of the auditory N1 by visual anticipatory motion is modulated by temporal and identity predictability. Psychophysiology, 2021, 58, e13749.	1.2	8
4	Atypical visual-auditory predictive coding in autism spectrum disorder: Electrophysiological evidence from stimulus omissions. Autism, 2020, 24, 1849-1859.	2.4	17
5	Perception of causality and synchrony dissociate in the audiovisual bounce-inducing effect (ABE). Cognition, 2020, 204, 104340.	1.1	6
6	The late positive potential (LPP): A neural marker of internalizing problems in early childhood. International Journal of Psychophysiology, 2020, 155, 78-86.	0.5	17
7	Are alpha oscillations instrumental in multisensory synchrony perception?. Brain Research, 2020, 1734, 146744.	1.1	21
8	Fluidity in the perception of auditory speech: Cross-modal recalibration of voice gender and vowel identity by a talking face. Quarterly Journal of Experimental Psychology, 2020, 73, 957-967.	0.6	3
9	Specialized memory systems for learning spoken words.. Journal of Experimental Psychology: Learning Memory and Cognition, 2020, 46, 189-199.	0.7	3
10	Speech-specific audiovisual integration modulates induced theta-band oscillations. PLoS ONE, 2019, 14, e0219744.	1.1	4
11	Increased sub-clinical levels of autistic traits are associated with reduced multisensory integration of audiovisual speech. Scientific Reports, 2019, 9, 9535.	1.6	23
12	Electrophysiological alterations in motorâ€auditory predictive coding in autism spectrum disorder. Autism Research, 2019, 12, 589-599.	2.1	16
13	Zebra finches (Taeniopygia guttata) can categorize vowel-like sounds on both the fundamental frequency (â€œpitchâ€) and spectral envelope.. Journal of Comparative Psychology (Washington, D C:) Tj ETQq1 1 0.784314 rgBT /Ov		
14	Mechanisms underlying speech sound discrimination and categorization in humans and zebra finches. Animal Cognition, 2018, 21, 285-299.	0.9	7
15	Recalibration of vocal affect by a dynamic face. Experimental Brain Research, 2018, 236, 1911-1918.	0.7	10
16	Multisensory integration of speech sounds with letters vs. visual speech: only visual speech induces the mismatch negativity. European Journal of Neuroscience, 2018, 47, 1135-1145.	1.2	10
17	Audioâ€visual speech in noise perception in dyslexia. Developmental Science, 2018, 21, e12504.	1.3	21
18	A Selective Deficit in Phonetic Recalibration by Text in Developmental Dyslexia. Frontiers in Psychology, 2018, 9, 710.	1.1	10

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19	Temporal and identity prediction in visual-auditory events: Electrophysiological evidence from stimulus omissions. Brain Research, 2017, 1661, 79-87.	1.1	21
20	Multisensory Integration in Speech Processing: Neural Mechanisms of Cross-Modal Aftereffects. Innovations in Cognitive Neuroscience, 2017, , 105-127.	0.3	2
21	Reading-induced shifts of perceptual speech representations in auditory cortex. Scientific Reports, 2017, 7, 5143.	1.6	34
22	Audio-motor but not visuo-motor temporal recalibration speeds up sensory processing. PLoS ONE, 2017, 12, e0189242.	1.1	11
23	A spatial gradient in phonetic recalibration by lipread speech. Journal of Phonetics, 2016, 56, 124-130.	0.6	8
24	Auditory dominance in motor-sensory temporal recalibration. Experimental Brain Research, 2016, 234, 1249-1262.	0.7	15
25	Introduction to the Special Issue on Multisensory Processing. Experimental Brain Research, 2016, 234, 1161-1161.	0.7	0
26	Phonetic recalibration of speech by text. Attention, Perception, and Psychophysics, 2016, 78, 938-945.	0.7	22
27	Phonetic matching of auditory and visual speech develops during childhood: Evidence from sine-wave speech. Journal of Experimental Child Psychology, 2015, 129, 157-164.	0.7	13
28	Predictive coding of visualâ€“auditory and motor-auditory events: An electrophysiological study. Brain Research, 2015, 1626, 88-96.	1.1	21
29	Accent shifts in spoken noun phrases affect verification latencies of listeners in Dutch but not Canadian French. Journal of Phonetics, 2015, 52, 170-182.	0.6	3
30	Recalibration of auditory phonemes by lipread speech is ear-specific. Cognition, 2015, 141, 121-126.	1.1	16
31	Concurrent sensorimotor temporal recalibration to different lags for the left and right hand. Frontiers in Psychology, 2014, 5, 140.	1.1	10
32	How learning to abstract shapes neural sound representations. Frontiers in Neuroscience, 2014, 8, 132.	1.4	9
33	A biasâ€free twoâ€alternative forced choice procedure to examine intersensory illusions applied to the ventriloquist effect by flashes and averted eyeâ€gazes. European Journal of Neuroscience, 2014, 39, 1491-1498.	1.2	8
34	Degrading phonetic information affects matching of audiovisual speech in adults, but not in infants. Cognition, 2014, 130, 31-43.	1.1	30
35	Multisensory integration compensates loss of sensitivity of visual temporal order in the elderly. Experimental Brain Research, 2014, 232, 253-262.	0.7	39
36	Electrophysiological evidence for speech-specific audiovisual integration. Neuropsychologia, 2014, 53, 115-121.	0.7	84

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37	Sound improves diminished visual temporal sensitivity in schizophrenia. Acta Psychologica, 2014, 147, 136-142.	0.7	15
38	Intersensory binding across space and time: A tutorial review. Attention, Perception, and Psychophysics, 2013, 75, 790-811.	0.7	180
39	Speech perception: Single trial analysis of the N1/P2 complex of unimodal and audiovisual evoked responses. , 2013, , .		0
40	Deficient multisensory integration in schizophrenia: An event-related potential study. Schizophrenia Research, 2013, 147, 253-261.	1.1	62
41	No evidence for impaired multisensory integration of low-level audiovisual stimuli in adolescents and young adults with autism spectrum disorders. Neuropsychologia, 2013, 51, 3004-3013.	0.7	31
42	Effect of pitchâ€“space correspondence on sound-induced visual motion perception. Experimental Brain Research, 2013, 231, 117-126.	0.7	9
43	Explicit judgments and implicit measures of temporalÂrecalibration. Multisensory Research, 2013, 26, 51.	0.6	0
44	Motor-movements driving visual motion perception. Multisensory Research, 2013, 26, 153.	0.6	0
45	Concurrent sensorimotor adaptation for different delays measured via a tapping task. Multisensory Research, 2013, 26, 212-213.	0.6	0
46	Diminished sensitivity of audiovisual temporal order in autism spectrum disorder. Frontiers in Integrative Neuroscience, 2013, 7, 8.	1.0	75
47	Learning of New Sound Categories Shapes Neural Response Patterns in Human Auditory Cortex. Journal of Neuroscience, 2012, 32, 13273-13280.	1.7	38
48	The Aftereffects of Ventriloquism: The Time Course of the Visual Recalibration of Auditory Localization. Seeing and Perceiving, 2012, 25, 1-14.	0.4	45
49	The Build-Up and Transfer of Sensorimotor Temporal Recalibration Measured via a Synchronization Task. Frontiers in Psychology, 2012, 3, 246.	1.1	36
50	Electrophysiological correlates of predictive coding of auditory location in the perception of natural audiovisual events. Frontiers in Integrative Neuroscience, 2012, 6, 26.	1.0	51
51	The build-up and transfer of sensorimotor temporal recalibration measured via a synchronization task. Seeing and Perceiving, 2012, 25, 136.	0.4	0
52	Exposure to delayed visual feedback of the hand changes motor-sensory synchrony perception. Experimental Brain Research, 2012, 219, 431-440.	0.7	43
53	Lipread-induced phonetic recalibration in dyslexia. Acta Psychologica, 2012, 140, 91-95.	0.7	22
54	Electrophysiological evidence for a multisensory speech-specific mode of perception. Neuropsychologia, 2012, 50, 1425-1431.	0.7	32

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55	Sound can improve visual search in developmental dyslexia. Experimental Brain Research, 2012, 216, 243-248.	0.7	14
56	Brain activation during audiovisual exposure anticipates future perception of ambiguous speech. NeuroImage, 2011, 57, 1601-1607.	2.1	40
57	The Effect of Looming and Receding Sounds on the Perceived In-Depth Orientation of Depth-Ambiguous Biological Motion Figures. PLoS ONE, 2011, 6, e14725.	1.1	20
58	Perception of intersensory synchrony in audiovisual speech: Not that special. Cognition, 2011, 118, 75-83.	1.1	66
59	Neural correlates of motorâ€“sensory temporal recalibration. Brain Research, 2011, 1397, 46-54.	1.1	35
60	No effect of synesthetic congruency on temporal ventriloquism. Attention, Perception, and Psychophysics, 2011, 73, 209-218.	0.7	21
61	Auditory Cortex Encodes the Perceptual Interpretation of Ambiguous Sound. Journal of Neuroscience, 2011, 31, 1715-1720.	1.7	110
62	Sound affects the speed of visual processing.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 699-708.	0.7	20
63	Phonetic Recalibration in Audiovisual Speech. Frontiers in Neuroscience, 2011, , 363-380.	0.0	4
64	Phonetic Recalibration in Audiovisual Speech. Frontiers in Neuroscience, 2011, , 363-380.	0.0	2
65	Perception of intersensory synchrony: A tutorial review. Attention, Perception, and Psychophysics, 2010, 72, 871-884.	0.7	355
66	Adaptation to motor-visual and motor-auditory temporal lags transfer across modalities. Experimental Brain Research, 2010, 201, 393-399.	0.7	76
67	Phonetic recalibration does not depend on working memory. Experimental Brain Research, 2010, 203, 575-582.	0.7	21
68	Causal inference in audiovisual speech. Physics of Life Reviews, 2010, 7, 289-290.	1.5	3
69	Visual Anticipatory Information Modulates Multisensory Interactions of Artificial Audiovisual Stimuli. Journal of Cognitive Neuroscience, 2010, 22, 1583-1596.	1.1	131
70	Do you see what you are hearing? Cross-modal effects of speech sounds on lipreading. Neuroscience Letters, 2010, 471, 100-103.	1.0	23
71	Recalibration of Phonetic Categories by Lipread Speech: Measuring Aftereffects After a 24-hour Delay. Language and Speech, 2009, 52, 341-350.	0.6	23
72	Phonetic recalibration only occurs in speech mode. Cognition, 2009, 110, 254-259.	1.1	30

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73	In Memory of Paul Bertelson (1926â€“2008). Brain Topography, 2009, 21, 155-156.	0.8	0
74	Neural correlates of audiovisual motion capture. Experimental Brain Research, 2009, 198, 383-390.	0.7	21
75	Sounds change four-dot masking. Acta Psychologica, 2009, 130, 58-63.	0.7	18
76	Tactile-visual temporal ventriloquism: No effect of spatial disparity. Perception & Psychophysics, 2008, 70, 765-771.	2.3	37
77	Temporal recalibration to tactileâ€“visual asynchronous stimuli. Neuroscience Letters, 2008, 430, 130-134.	1.0	73
78	Audiovisual speech recalibration in children*. Journal of Child Language, 2008, 35, 809-822.	0.8	24
79	Neural Correlates of Multisensory Integration of Ecologically Valid Audiovisual Events. Journal of Cognitive Neuroscience, 2007, 19, 1964-1973.	1.1	300
80	Recalibration of phonetic categories by lipread speech versus lexical information.. Journal of Experimental Psychology: Human Perception and Performance, 2007, 33, 1483-1494.	0.7	59
81	Lexical effects on auditory speech perception: An electrophysiological study. Neuroscience Letters, 2007, 420, 49-52.	1.0	17
82	Visual recalibration and selective adaptation in auditoryâ€“visual speech perception: Contrasting build-up courses. Neuropsychologia, 2007, 45, 572-577.	0.7	93
83	Auditory grouping occurs prior to intersensory pairing: evidence from temporal ventriloquism. Experimental Brain Research, 2007, 180, 449-456.	0.7	47
84	No effect of auditoryâ€“visual spatial disparity on temporal recalibration. Experimental Brain Research, 2007, 182, 559-565.	0.7	64
85	The aftereffects of ventriloquism: Patterns of spatial generalization. Perception & Psychophysics, 2006, 68, 428-436.	2.3	48
86	The spatial constraint in intersensory pairing: No role in temporal ventriloquism.. Journal of Experimental Psychology: Human Perception and Performance, 2006, 32, 1063-1071.	0.7	61
87	An event-related potential investigation of the time-course of temporal ventriloquism. NeuroReport, 2005, 16, 641-644.	0.6	34
88	The aftereffects of ventriloquism: Generalization across sound-frequencies. Acta Psychologica, 2005, 118, 93-100.	0.7	60
89	The role of spatial disparity and hemifields in audio-visual temporal order judgments. Experimental Brain Research, 2005, 167, 635-640.	0.7	71
90	Multisensory integration of emotional faces and voices in schizophrenics. Schizophrenia Research, 2005, 72, 195-203.	1.1	116

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91	Temporal Ventriloquism: Sound Modulates the Flash-Lag Effect.. Journal of Experimental Psychology: Human Perception and Performance, 2004, 30, 513-518.	0.7	130
92	Recalibration of temporal order perception by exposure to audio-visual asynchrony. Cognitive Brain Research, 2004, 22, 32-35.	3.3	358
93	Selective adaptation and recalibration of auditory speech by lipread information: dissipation. Speech Communication, 2004, 44, 55-61.	1.6	52
94	Illusory sound shifts induced by the ventriloquist illusion evoke the mismatch negativity. Neuroscience Letters, 2004, 357, 163-166.	1.0	76
95	The aftereffects of ventriloquism: Are they sound-frequency specific?. Acta Psychologica, 2003, 113, 315-327.	0.7	51
96	Audio-visual integration in schizophrenia. Schizophrenia Research, 2003, 59, 211-218.	1.1	118
97	Visual Motion Influences the Contingent Auditory Motion Aftereffect. Psychological Science, 2003, 14, 357-361.	1.8	94
98	Visual Recalibration of Auditory Speech Identification. Psychological Science, 2003, 14, 592-597.	1.8	200
99	Unseen stimuli modulate conscious visual experience: evidence from inter-hemispheric summation. NeuroReport, 2001, 12, 385-391.	0.6	54
100	The ventriloquist effect does not depend on the direction of automatic visual attention. Perception & Psychophysics, 2001, 63, 651-659.	2.3	158
101	Is cross-modal integration of emotional expressions independent of attentional resources?. Cognitive, Affective and Behavioral Neuroscience, 2001, 1, 382-387.	1.0	117
102	Directing spatial attention towards the illusory location of a ventriloquized sound. Acta Psychologica, 2001, 108, 21-33.	0.7	42
103	Lipreading and the compensation for coarticulation mechanism. Language and Cognitive Processes, 2001, 16, 661-672.	2.3	8
104	Sound enhances visual perception: Cross-modal effects of auditory organization on vision.. Journal of Experimental Psychology: Human Perception and Performance, 2000, 26, 1583-1590.	0.7	300
105	The time-course of intermodal binding between seeing and hearing affective information. NeuroReport, 2000, 11, 1329-1333.	0.6	161
106	Ventriloquism in patients with unilateral visual neglect. Neuropsychologia, 2000, 38, 1634-1642.	0.7	45
107	The ventriloquist effect does not depend on the direction of deliberate visual attention. Perception & Psychophysics, 2000, 62, 321-332.	2.3	213
108	Why not model spoken word recognition instead of phoneme monitoring?. Behavioral and Brain Sciences, 2000, 23, 349-350.	0.4	0

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109	Covert Processing of Faces in Prosopagnosia Is Restricted to Facial Expressions: Evidence from Cross-Modal Bias. Brain and Cognition, 2000, 44, 425-444.	0.8	33
110	The perception of emotions by ear and by eye. Cognition and Emotion, 2000, 14, 289-311.	1.2	503
111	Affective blindsight: are we blindly led by emotions?. Trends in Cognitive Sciences, 2000, 4, 126-127.	4.0	21
112	Crossmodal integration: a good fit is no criterion. Trends in Cognitive Sciences, 2000, 4, 37-38.	4.0	11
113	Rejoinder - Bimodal emotion perception: integration across separate modalities, cross-modal perceptual grouping or perception of multimodal events?. Cognition and Emotion, 2000, 14, 321-324.	1.2	29
114	Intact and impaired intersensory integration in schizophrenia. Schizophrenia Research, 2000, 41, 14.	1.1	0
115	An ERP correlate of metrical stress in spoken word recognition. Psychophysiology, 1999, 36, 706-720.	1.2	39
116	Lexical access of resyllabified words: Evidence from phoneme monitoring. Memory and Cognition, 1999, 27, 413-421.	0.9	32
117	The combined perception of emotion from voice and face: early interaction revealed by human electric brain responses. Neuroscience Letters, 1999, 260, 133-136.	1.0	158
118	Ventriloquism and the nature of the unity decision. Advances in Psychology, 1999, 129, 389-393.	0.1	12
119	Non-conscious recognition of affect in the absence of striate cortex. NeuroReport, 1999, 10, 3759-3763.	0.6	438
120	Chapter 17 Seeing cries and hearing smiles: Crossmodal perception of emotional expressions. Advances in Psychology, 1999, 129, 425-438.	0.1	7
121	The Roles of Word Stress and Vowel Harmony in Speech Segmentation. Journal of Memory and Language, 1998, 38, 133-149.	1.1	103
122	Impairment of speech-reading in prosopagnosia. Speech Communication, 1998, 26, 89-96.	1.6	2
123	A Connectionist Model for Bootstrap Learning of Syllabic Structure. Language and Cognitive Processes, 1998, 13, 193-220.	2.3	8
124	Impaired Speech Perception in Poor Readers: Evidence from Hearing and Speech Reading. Brain and Language, 1998, 64, 269-281.	0.8	62
125	Modality Effects in Immediate Recall of Verbal and Non-verbal Information. European Journal of Cognitive Psychology, 1997, 9, 97-110.	1.3	13
126	Activation of embedded words in spoken word recognition.. Journal of Experimental Psychology: Human Perception and Performance, 1997, 23, 710-720.	0.7	61

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127	Auditory Illusions as Evidence for a Role of the Syllable in Adult Developmental Dyslexics. Brain and Language, 1996, 52, 373-385.	0.8	7
128	Cues to speech segmentation: Evidence from juncture misperceptions and word spotting. Memory and Cognition, 1996, 24, 744-755.	0.9	61
129	Categorical perception of emotional speech. Journal of the Acoustical Society of America, 1996, 100, 2818-2818.	0.5	10
130	Metrical segmentation and lexical inhibition in spoken word recognition.. Journal of Experimental Psychology: Human Perception and Performance, 1995, 21, 98-108.	0.7	144
131	The effects of alphabetic-reading competence on language representation in bilingual Chinese subjects. Psychological Research, 1993, 55, 315-321.	1.0	64
132	Auditory and Visual Speech Perception in Alphabetic and Non-alphabetic Chinese-Dutch Bilinguals. Advances in Psychology, 1992, , 413-426.	0.1	14
133	Abstract versus modality-specific memory representations in processing auditory and visual speech. Memory and Cognition, 1992, 20, 533-538.	0.9	19
134	Face recognition and lip-reading in autism. European Journal of Cognitive Psychology, 1991, 3, 69-86.	1.3	183
135	5. Phonological Deficits: A Source of Asymmetries Between Developmental and Acquired Dyslexia. Mind and Language, 1991, 6, 123-129.	1.2	1
136	Phonological deficits: Beneath the surface of reading-acquisition problems. Psychological Research, 1991, 53, 88-97.	1.0	62
137	Models in the mind, modules on the lips. Behavioral and Brain Sciences, 1989, 12, 762-763.	0.4	3