

Odette Scharenborg

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

872
citations

516710

16
h-index

552781

26
g-index

47
all docs

47
docs citations

47
times ranked

599
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Reaching over the gap: A review of efforts to link human and automatic speech recognition research. <i>Speech Communication</i> , 2007, 49, 336-347. | 2.8 | 94 |
| 2 | Unsupervised speech segmentation: An analysis of the hypothesized phone boundaries. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 1084-1095. | 1.1 | 91 |
| 3 | Models of spoken-word recognition. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2012, 3, 387-401. | 2.8 | 68 |
| 4 | Phonological abstraction without phonemes in speech perception. <i>Cognition</i> , 2013, 129, 356-361. | 2.2 | 56 |
| 5 | How Should a Speech Recognizer Work?. <i>Cognitive Science</i> , 2005, 29, 867-918. | 1.7 | 52 |
| 6 | Acoustic reduction in conversational Dutch: A quantitative analysis based on automatically generated segmental transcriptions. <i>Journal of Phonetics</i> , 2011, 39, 96-109. | 1.2 | 51 |
| 7 | Why listening in background noise is harder in a non-native language than in a native language: A review. <i>Speech Communication</i> , 2019, 108, 53-64. | 2.8 | 41 |
| 8 | Native and non-native listeners'™ perception of English consonants in different types of noise. <i>Speech Communication</i> , 2010, 52, 980-995. | 2.8 | 35 |
| 9 | Comparing lexically guided perceptual learning in younger and older listeners. <i>Attention, Perception, and Psychophysics</i> , 2013, 75, 525-536. | 1.3 | 33 |
| 10 | Language-independent processing in speech perception: Identification of English intervocalic consonants by speakers of eight European languages. <i>Speech Communication</i> , 2010, 52, 954-967. | 2.8 | 31 |
| 11 | Phoneme categorization and discrimination in younger and older adults: A comparative analysis of perceptual, lexical, and attentional factors.. <i>Psychology and Aging</i> , 2014, 29, 150-162. | 1.6 | 31 |
| 12 | The role of attentional abilities in lexically guided perceptual learning by older listeners. <i>Attention, Perception, and Psychophysics</i> , 2015, 77, 493-507. | 1.3 | 28 |
| 13 | Modeling the use of durational information in human spoken-word recognition. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 3758-3770. | 1.1 | 25 |
| 14 | The effect of background noise on the word activation process in nonnative spoken-word recognition.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2018, 44, 233-249. | 0.9 | 25 |
| 15 | Lexically-guided perceptual learning in non-native listening. <i>Bilingualism</i> , 2016, 19, 914-920. | 1.3 | 21 |
| 16 | Towards capturing fine phonetic variation in speech using articulatory features. <i>Speech Communication</i> , 2007, 49, 811-826. | 2.8 | 20 |
| 17 | Perception of Emotion in Conversational Speech by Younger and Older Listeners. <i>Frontiers in Psychology</i> , 2016, 7, 781. | 2.1 | 20 |
| 18 | Computational modelling of spoken-word recognition processes. <i>Pragmatics and Cognition</i> , 2010, 18, 136-164. | 0.4 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Bridging automatic speech recognition and psycholinguistics: Extending Shortlist to an end-to-end model of human speech recognition (L). <i>Journal of the Acoustical Society of America</i> , 2003, 114, 3032-3035. | 1.1 | 14 |
| 20 | Speech Technology for Unwritten Languages. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2020, 28, 964-975. | 5.8 | 13 |
| 21 | Generating Images From Spoken Descriptions. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2021, 29, 850-865. | 5.8 | 13 |
| 22 | That Sounds Familiar: An Analysis of Phonetic Representations Transfer Across Languages. , 0, , . | | 9 |
| 23 | S2IGAN: Speech-to-Image Generation via Adversarial Learning. , 0, , . | | 8 |
| 24 | Bayesian Models for Unit Discovery on a Very Low Resource Language. , 2018, , . | | 7 |
| 25 | The differential roles of lexical and sublexical processing during spoken-word recognition in clear and in noise. <i>Cortex</i> , 2022, 151, 70-88. | 2.4 | 7 |
| 26 | Discovering phonetic inventories with crosslingual automatic speech recognition. <i>Computer Speech and Language</i> , 2022, 74, 101358. | 4.3 | 6 |
| 27 | The time course of adaptation to distorted speech. <i>Journal of the Acoustical Society of America</i> , 2022, 151, 2636-2646. | 1.1 | 6 |
| 28 | Learning to Recognise Words Using Visually Grounded Speech. , 2021, , . | | 5 |
| 29 | How Phonotactics Affect Multilingual and Zero-Shot ASR Performance. , 2021, , . | | 5 |
| 30 | Unsupervised Acoustic Unit Discovery by Leveraging a Language-Independent Subword Discriminative Feature Representation. , 0, , . | | 5 |
| 31 | “Early recognition” of polysyllabic words in continuous speech. <i>Computer Speech and Language</i> , 2007, 21, 54-71. | 4.3 | 4 |
| 32 | Age and hearing loss and the use of acoustic cues in fricative categorization. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 1408-1417. | 1.1 | 4 |
| 33 | L2 voice recognition: The role of speaker-, listener-, and stimulus-related factors. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 3058-3068. | 1.1 | 4 |
| 34 | The Presence of Background Noise Extends the Competitor Space in Native and Non-Native Spoken-Word Recognition: Insights from Computational Modeling. <i>Cognitive Science</i> , 2022, 46, e13110. | 1.7 | 4 |
| 35 | The Representation of Speech in Deep Neural Networks. <i>Lecture Notes in Computer Science</i> , 2019, , 194-205. | 1.3 | 3 |
| 36 | Unsupervised Subword Modeling Using Autoregressive Pretraining and Cross-Lingual Phone-Aware Modeling. , 0, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Evaluating Automatically Generated Phoneme Captions for Images. , 0, , . | | 3 |
| 38 | Cross-linguistic Influences on Sentence Accent Detection in Background Noise. Language and Speech, 2020, 63, 3-30. | 1.1 | 2 |
| 39 | Show and Speak: Directly Synthesize Spoken Description of Images. , 2021, , . | | 2 |
| 40 | The Neural Correlates Underlying Lexically-Guided Perceptual Learning. , 0, , . | | 2 |
| 41 | Synthesizing Spoken Descriptions of Images. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 3242-3254. | 5.8 | 2 |
| 42 | A two-pass approach for handling out-of-vocabulary words in a large vocabulary recognition task. Computer Speech and Language, 2007, 21, 206-218. | 4.3 | 1 |
| 43 | The Effectiveness of Unsupervised Subword Modeling With Autoregressive and Cross-Lingual Phone-Aware Networks. IEEE Open Journal of Signal Processing, 2021, 2, 230-247. | 3.5 | 1 |
| 44 | The effect of intermittent noise on lexically-guided perceptual learning in native and non-native listening. Speech Communication, 2021, 126, 61-70. | 2.8 | 0 |
| 45 | The effectiveness of self-supervised representation learning in zero-resource subword modeling. , 2021, , . | | 0 |