

Louis Ten Bosch

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

484
citations

1040056

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h-index

839539

18
g-index

51
all docs

51
docs citations

51
times ranked

341
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | On temporal aspects of turn taking in conversational dialogues. <i>Speech Communication</i> , 2005, 47, 80-86. | 2.8 | 62 |
| 2 | How Should a Speech Recognizer Work?. <i>Cognitive Science</i> , 2005, 29, 867-918. | 1.7 | 52 |
| 3 | Choosing alternatives: Using Bayesian Networks and memory-based learning to study the dative alternation. <i>Corpus Linguistics and Linguistic Theory</i> , 2013, 9, 227-262. | 0.9 | 52 |
| 4 | Evaluation of various sets of acoustic cues for the perception of prevocalic stop consonants. I. Perception experiment. <i>Journal of the Acoustical Society of America</i> , 1996, 100, 3852-3864. | 1.1 | 46 |
| 5 | Objective Acoustic-Phonetic Speech Analysis in Patients Treated for Oral or Oropharyngeal Cancer. <i>Folia Phoniatrica Et Logopaedica</i> , 2009, 61, 180-187. | 1.1 | 33 |
| 6 | A Computational Model of Language Acquisition: the Emergence of Words. <i>Fundamenta Informaticae</i> , 2009, 90, 229-249. | 0.4 | 26 |
| 7 | ACORNS - towards computational modeling of communication and recognition skills. , 2007, , . | | 22 |
| 8 | MCA-NMF: Multimodal Concept Acquisition with Non-Negative Matrix Factorization. <i>PLoS ONE</i> , 2015, 10, e0140732. | 2.5 | 17 |
| 9 | 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 |
| 10 | Evaluation of various sets of acoustic cues for the perception of prevocalic stop consonants. II. Modeling and evaluation. <i>Journal of the Acoustical Society of America</i> , 1996, 100, 3865-3881. | 1.1 | 12 |
| 11 | Artificial neural network analysis to assess hypernasality in patients treated for oral or oropharyngeal cancer. <i>Logopedics Phoniatrics Vocology</i> , 2011, 36, 168-174. | 1.0 | 12 |
| 12 | Analysis of acoustic reduction using spectral similarity measures. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 3227-3235. | 1.1 | 11 |
| 13 | Bridging the gap between human and automatic speech recognition. <i>Speech Communication</i> , 2007, 49, 331-335. | 2.8 | 8 |
| 14 | A computational model to investigate assumptions in the headturn preference procedure. <i>Frontiers in Psychology</i> , 2013, 4, 676. | 2.1 | 8 |
| 15 | Analyzing Reaction Time Sequences from Human Participants in Auditory Experiments. , 0, , . | | 8 |
| 16 | Conversational agent or direct manipulation in human-system interaction. <i>Speech Communication</i> , 2005, 47, 194-207. | 2.8 | 7 |
| 17 | Modelling pronunciation variation with single-path and multi-path syllable models: Issues to consider. <i>Speech Communication</i> , 2009, 51, 130-150. | 2.8 | 7 |
| 18 | Hybrid HMM/BLSTM-RNN for Robust Speech Recognition. <i>Lecture Notes in Computer Science</i> , 2010, , 400-407. | 1.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Implementing DIANA to Model Isolated Auditory Word Recognition in English. , 0, , . | | 6 |
| 20 | Locally learning heterogeneous manifolds for phonetic classification. Computer Speech and Language, 2016, 38, 28-45. | 4.3 | 5 |
| 21 | Interactive L2 vocabulary acquisition in a lab-based immersion setting. Language, Cognition and Neuroscience, 2019, 34, 916-935. | 1.2 | 5 |
| 22 | Modelling Pronunciation Variation using Multi-Path HMMS for Syllables. , 2007, , . | | 4 |
| 23 | On the Utility of Syllable-Based Acoustic Models for Pronunciation Variation Modelling. Eurasip Journal on Audio, Speech, and Music Processing, 2007, 2007, 1-11. | 2.1 | 4 |
| 24 | “Early recognition”™ of polysyllabic words in continuous speech. Computer Speech and Language, 2007, 21, 54-71. | 4.3 | 4 |
| 25 | Paradigmatic Relations Interact During the Production of Complex Words: Evidence From Variable Plurals in Dutch. Frontiers in Psychology, 2021, 12, 720017. | 2.1 | 4 |
| 26 | Control of speaking rate is achieved by switching between qualitatively distinct cognitive “egais” Evidence from simulation.. Psychological Review, 2020, 127, 281-304. | 3.8 | 4 |
| 27 | Do speech registers differ in the predictability of words?. International Journal of Corpus Linguistics, 2019, 24, 98-130. | 1.4 | 4 |
| 28 | Knowledge-based Quadratic Discriminant Analysis for phonetic classification. , 2012, , . | | 3 |
| 29 | Fusion of parametric and non-parametric approaches to noise-robust ASR. Speech Communication, 2014, 56, 49-62. | 2.8 | 3 |
| 30 | Phone classification via manifold learning based dimensionality reduction algorithms. Speech Communication, 2016, 76, 28-41. | 2.8 | 3 |
| 31 | Deriving the onset and offset times of planning units from acoustic and articulatory measurements. Journal of the Acoustical Society of America, 2019, 145, EL161-EL167. | 1.1 | 3 |
| 32 | A tool for efficient and accurate segmentation of speech data: announcing POnSS. Behavior Research Methods, 2021, 53, 744-756. | 4.0 | 3 |
| 33 | On a Computational Model for Language Acquisition: Modeling Cross-Speaker Generalisation. Lecture Notes in Computer Science, 2009, , 315-322. | 1.3 | 3 |
| 34 | Cognate status modulates the comprehension of isolated reduced forms. Language, Cognition and Neuroscience, 2022, 37, 576-614. | 1.2 | 3 |
| 35 | DIANA, a Process-Oriented Model of Human Auditory Word Recognition. Brain Sciences, 2022, 12, 681. | 2.3 | 3 |
| 36 | Models of Reaction Times in Auditory Lexical Decision: RTonset versus RToffset. , 0, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Unconstrained Speech Segmentation using Deep Neural Networks. , 2015, , . | | 2 |
| 38 | Combining Data-Oriented and Process-Oriented Approaches to Modeling Reaction Time Data. , 0, , . | | 2 |
| 39 | Analyzing EEG Signals in Auditory Speech Comprehension Using Temporal Response Functions and Generalized Additive Models. , 0, , . | | 2 |
| 40 | Learning meaningful units from multimodal input. , 2009, , . | | 1 |
| 41 | Measuring word learning performance in computational models and infants. , 2011, , . | | 1 |
| 42 | A model of the headturn preference procedure: Linking cognitive processes to overt behaviour. , 2012, , . | | 1 |
| 43 | Modelling the Noise-Robustness of Infantsâ€™ Word Representations: The Impact of Previous Experience. PLoS ONE, 2015, 10, e0132245. | 2.5 | 1 |
| 44 | Word Competition: An Entropy-Based Approach in the DIANA Model of Human Word Comprehension. , 0, , . | | 1 |
| 45 | Comparing Different Methods for Analyzing ERP Signals. , 0, , . | | 1 |
| 46 | Language Acquisition: The Emergence of Words from Multimodal Input. Lecture Notes in Computer Science, 2008, , 261-268. | 1.3 | 1 |
| 47 | Comparing EEG Analyses with Different Epoch Alignments in an Auditory Lexical Decision Experiment. , 0, , . | | 1 |
| 48 | Dealing with uncertain input in word learning. , 2010, , . | | 0 |
| 49 | Human-inspired modulation frequency features for noise-robust ASR. Speech Communication, 2016, 84, 66-82. | 2.8 | 0 |
| 50 | Analytical Assessment of Dual-Stream Merging for Noise-Robust ASR. , 0, , . | | 0 |
| 51 | Information Encoding by Deep Neural Networks: What Can We Learn?. , 0, , . | | 0 |