

Mikio Nakano

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

615
citations

1478280

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1199470

12
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88
all docs

88
docs citations

88
times ranked

335
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Robust Slot Filling Modeling for Incomplete Annotations using Segmentation-Based Formulation. Transactions of the Japanese Society for Artificial Intelligence, 2022, 37, IDS-E_1-12. | 0.1 | 0 |
| 2 | Design Guidelines for Developing Systems for Dialogue System Competitions. Transactions of the Japanese Society for Artificial Intelligence, 2022, 37, IDS-B_1-9. | 0.1 | 0 |
| 3 | Lexical Acquisition during Dialogues through Implicit Confirmation. Dialogue and Discourse, 2022, 13, 96-122. | 0.6 | 1 |
| 4 | Knowledge Graph Completion-based Question Selection for Acquiring Domain Knowledge through Dialogues. , 2021, , . | | 2 |
| 5 | A framework for building closed-domain chat dialogue systems. Knowledge-Based Systems, 2020, 204, 106212. | 4.0 | 11 |
| 6 | AutoEncoder Guided Bootstrapping of Semantic Lexicon. Journal of Natural Language Processing, 2020, 27, 627-652. | 0.1 | 0 |
| 7 | Response Obligation Estimation That Considers Users' Repetitive Utterances using Knowledge-Guided Random Forest. , 2019, , . | | 0 |
| 8 | Learning Dialogue Strategies for Interview Dialogue Systems that Can Engage in Small Talk. Lecture Notes in Electrical Engineering, 2019, , 307-317. | 0.3 | 0 |
| 9 | AutoEncoder Guided Bootstrapping of Semantic Lexicon. Lecture Notes in Computer Science, 2019, , 220-233. | 1.0 | 1 |
| 10 | Culture, Errors, and Rapport-building Dialogue in Social Agents. , 2018, , . | | 9 |
| 11 | Interaction Modeling Based on Segmenting Two Persons Motions Using Coupled GP-HSMM. , 2018, , . | | 5 |
| 12 | Vibrational Artificial Subtle Expressions. , 2018, , . | | 5 |
| 13 | Getting to Know Each Other. , 2018, , . | | 36 |
| 14 | Proposal of Implicit Confirmation toward Lexical Acquisition during Dialogues. Transactions of the Japanese Society for Artificial Intelligence, 2018, 33, DSH-E_1-10. | 0.1 | 0 |
| 15 | Online Evaluation of Response Obligation Estimation on the HALOGEN Multimodal Interaction Framework. , 2017, , . | | 0 |
| 16 | Response Times when Interpreting Artificial Subtle Expressions are Shorter than with Human-like Speech Sounds. , 2017, , . | | 1 |
| 17 | The Role of Social Dialogue and Errors in Robots. , 2017, , . | | 3 |
| 18 | User-Adaptive A Posteriori Restoration for Incorrectly Segmented Utterances in Spoken Dialogue Systems. Dialogue and Discourse, 2017, 8, 206-224. | 0.6 | 0 |

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|----|--|-----|-----------|
| 19 | Niki and Julie: a robot and virtual human for studying multimodal social interaction. , 2016, , . | | 4 |
| 20 | Robust comprehension of natural language instructions by a domestic service robot. Advanced Robotics, 2016, 30, 1530-1543. | 1.1 | 5 |
| 21 | Nonparametric Bayesian Models for Spoken Language Understanding. , 2016, , . | | 3 |
| 22 | Small Talk Improves User Impressions of Interview Dialogue Systems. , 2016, , . | | 20 |
| 23 | Estimating Response Obligation by Focusing on User States in Multi-Party Human-Robot Dialogues. Transactions of the Japanese Society for Artificial Intelligence, 2016, 31, C-FB2_1-9. | 0.1 | 2 |
| 24 | Posteriori Restoration of Turn-Taking and ASR Results for Incorrectly Segmented Utterances. IEICE Transactions on Information and Systems, 2015, E98.D, 1923-1931. | 0.4 | 2 |
| 25 | Discriminating Unknown Objects from Known Objects Using Image and Speech Information. IEICE Transactions on Information and Systems, 2015, E98.D, 704-711. | 0.4 | 0 |
| 26 | Estimating response obligation in multi-party human-robot dialogues. , 2015, , . | | 6 |
| 27 | Is Interpretation of Artificial Subtle Expressions Language-Independent?. , 2015, , . | | 0 |
| 28 | Improving User Experiences in Talking to Robots using ASE-based Back-channel Feedbacks. Transactions of the Japanese Society for Artificial Intelligence, 2015, 30, 604-612. | 0.1 | 3 |
| 29 | Selection of Unknown Objects Specified by Speech Using Models Constructed from Web Images. , 2014, , . | | 1 |
| 30 | Augmenting expressivity of artificial subtle expressions (ASEs). , 2014, , . | | 2 |
| 31 | Selection of an Object Requested by Speech Based on Generic Object Recognition. , 2014, , . | | 1 |
| 32 | Probabilistic multiparty dialogue management for a game master robot. , 2014, , . | | 4 |
| 33 | Object Recognition by Integrated Information Using Web Images. , 2013, , . | | 2 |
| 34 | Correcting phoneme recognition errors in learning word pronunciation through speech interaction. Speech Communication, 2013, 55, 190-203. | 1.6 | 1 |
| 35 | Expressing a robot's confidence with motion-based artificial subtle expressions. , 2013, , . | | 2 |
| 36 | Expressing Certainty of a Mobile Robot with Artificial Subtle Expressions. Transactions of the Japanese Society for Artificial Intelligence, 2013, 28, 311-319. | 0.1 | 0 |

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| 37 | Can users live with overconfident or unconfident systems?. , 2012, , . | | 2 |
| 38 | Impressions made by blinking light used to create artificial subtle expressions and by robot appearance in human-robot speech interaction. , 2012, , . | | 5 |
| 39 | Online Object Categorization Using Multimodal Information Autonomously Acquired by a Mobile Robot. Advanced Robotics, 2012, 26, 1995-2020. | 1.1 | 30 |
| 40 | Automatic Allocation of Training Data for Speech Understanding Based on Multiple Model Combinations. IEICE Transactions on Information and Systems, 2012, E95.D, 2298-2307. | 0.4 | 0 |
| 41 | A Method for Predicting Stressed Words in Teaching Materials for English Jazz Chants. IEICE Transactions on Information and Systems, 2012, E95.D, 2658-2663. | 0.4 | 0 |
| 42 | A spoken dialogue smartphone application for “text and walk/drive”; , 2012, , . | | 0 |
| 43 | A Comparison of Artificial Subtle Expressions with Human-like Expressions on Expressing Confidence Level. Transactions of the Japanese Society for Artificial Intelligence, 2012, 27, 263-270. | 0.1 | 0 |
| 44 | Blinking light patterns as artificial subtle expressions in human-robot speech interaction. , 2011, , . | | 13 |
| 45 | A multi-expert model for dialogue and behavior control of conversational robots and agents. Knowledge-Based Systems, 2011, 24, 248-256. | 4.0 | 20 |
| 46 | The chanty bear. , 2011, , . | | 2 |
| 47 | Effects of different types of artifacts on interpretations of artificial subtle expressions (ASEs). , 2011, , . | | 7 |
| 48 | Autonomous acquisition of multimodal information for online object concept formation by robots. , 2011, , . | | 12 |
| 49 | Interpretations of Artificial Subtle Expressions (ASEs) in Terms of Different Types of Artifact: A Comparison of an on-screen Artifact with A Robot. Lecture Notes in Computer Science, 2011, , 22-30. | 1.0 | 2 |
| 50 | Autonomous acquisition of multimodal information for online object concept formation by robots. , 2011, , . | | 34 |
| 51 | ã~3/4è©±ã®äl/2Žé€ŸâCE-ã~1/4;j!1/2`i1/2”i1/2%oi1/2†i1/2%oi1/2fi1/2%oi1/2;1/2CEã€€i1/43i1/2•i1/2,i1/2”i1/2CEi1/2...ã€€i1/4¥i1/2~i1/2ø/1”i1/2...i1/2“i1/2”i1/2%” | | |
| 52 | Robot-directed speech detection using Multimodal Semantic Confidence based on speech, image, and motion. , 2010, , . | | 8 |
| 53 | Does the appearance of a robot affect users' ways of giving Commands and feedback?. , 2010, , . | | 2 |
| 54 | Real-time 3D visual sensor for robust object recognition. , 2010, , . | | 19 |

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| 55 | Detecting robot-directed speech by situated understanding in object manipulation tasks. , 2010, , . | | 3 |
| 56 | How do users interact with a pet-robot and a humanoid. , 2010, , . | | 16 |
| 57 | Artificial subtle expressions. , 2010, , . | | 37 |
| 58 | Correction of phoneme recognition errors in word learning through speech interaction. , 2010, , . | | 2 |
| 59 | Detecting Robot-Directed Speech by Situated Understanding in Physical Interaction. Transactions of the Japanese Society for Artificial Intelligence, 2010, 25, 670-682. | 0.1 | 6 |
| 60 | Similarities and differences in users' interaction with a humanoid and a pet robot. , 2010, , . | | 1 |
| 61 | Artificial Subtle Expressions: Proposing intuitive notification methodology of agents' internal states. Transactions of the Japanese Society for Artificial Intelligence, 2010, 25, 733-741. | 0.1 | 2 |
| 62 | Learning Lexicons from Spoken Utterances Based on Statistical Model Selection. Transactions of the Japanese Society for Artificial Intelligence, 2010, 25, 549-559. | 0.1 | 2 |
| 63 | Ranking Multiple Dialogue States by Corpus Statistics to Improve Discourse Understanding in Spoken Dialogue Systems. IEICE Transactions on Information and Systems, 2009, E92-D, 1771-1782. | 0.4 | 4 |
| 64 | Smoothing human-robot speech interaction with blinking-light expressions. , 2008, , . | | 1 |
| 65 | Smoothing human-robot speech interactions by using a blinking-light as subtle expression. , 2008, , . | | 31 |
| 66 | A framework for building conversational agents based on a multi-expert model. , 2008, , . | | 8 |
| 67 | A Concept-Centric Framework for Building Natural Language Interfaces. Transactions of the Japanese Society for Artificial Intelligence, 2008, 23, 437-446. | 0.1 | 1 |
| 68 | Robust acquisition and recognition of spoken location names by domestic robots. , 2007, , . | | 1 |
| 69 | DEVELOPMENT OF MULTIMODAL PRESENTATION MARKUP LANGUAGE MPML-HR FOR HUMANOID ROBOTS AND ITS PSYCHOLOGICAL EVALUATION. International Journal of Humanoid Robotics, 2007, 04, 1-20. | 0.6 | 9 |
| 70 | Multimodal interfaces in semantic interaction. , 2007, , . | | 1 |
| 71 | A markup language for describing interactive humanoid robot presentations. , 2007, , . | | 8 |
| 72 | Simultaneous Speech Recognition Based on Automatic Missing Feature Mask Generation by Integrating Sound Source Separation. Journal of the Robotics Society of Japan, 2007, 25, 92-102. | 0.0 | 0 |

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|----|--|-----|-----------|
| 73 | Noise Robust Automatic Speech Recognition Method for the Robot with Motor Noise using Missing Feature Theory. Journal of the Robotics Society of Japan, 2007, 25, 1189-1198. | 0.0 | 0 |
| 74 | A Robot That Can Engage in Both Task-Oriented and Non-Task-Oriented Dialogues. , 2006, , . | | 10 |
| 75 | Real-Time Robot Audition System That Recognizes Simultaneous Speech in The Real World. , 2006, , . | | 43 |
| 76 | Speech Recognition for a Humanoid with Motor Noise Utilizing Missing Feature Theory. , 2006, , . | | 12 |
| 77 | Incorporating discourse features into confidence scoring of intention recognition results in spoken dialogue systems. Speech Communication, 2006, 48, 417-436. | 1.6 | 34 |
| 78 | Comparison of a Humanoid Robot and an On-Screen Agent as Presenters to Audiences. , 2006, , . | | 8 |
| 79 | Post-dialogue confidence scoring for unsupervised statistical language model training. Speech Communication, 2005, 45, 387-400. | 1.6 | 3 |
| 80 | Spoken dialogue understanding using an incremental speech understanding method. Systems and Computers in Japan, 2005, 36, 75-84. | 0.2 | 2 |
| 81 | Evaluating discourse understanding in spoken dialogue systems. ACM Transactions on Speech and Language Processing, 2004, 1, 1-20. | 0.9 | 12 |
| 82 | Corpus-based discourse understanding in spoken dialogue systems. , 2003, , . | | 25 |
| 83 | WIT. , 2000, , . | | 7 |
| 84 | Understanding unsegmented user utterances in real-time spoken dialogue systems. , 1999, , . | | 25 |
| 85 | Detecting system-directed utterances using dialogue-level features. , 0, , . | | 4 |