# Koen V Hindriks

List of Publications by Year
in descending order



| 143 | 2,669 | 304602 | 265120 |
|---|---|---|---|
| papers | citations | 22 h-index | 42 g-index |

| 155 | 155 | 155 | 1256 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Integrating Valence and Arousal Within an Agent-Based Model of Emotion Contagion. Lecture Notes in Computer Science, 2021, , 303-315. | 1.0 | 5 |
| 2 | How to Recognize and Explain Bidding Strategies in Negotiation Support Systems. Studies in Computational Intelligence, 2021, , 35-53. | 0.7 | 0 |
| 3 | Who Wants to Grant Robots Rights?. Frontiers in Robotics and AI, 2021, 8, 781985. | 2.0 | 2 |
| 4 | A Feasibility Study of a Social Robot Collecting Patient Reported Outcome Measurements from Older Adults. International Journal of Social Robotics, 2020, 12, 259-266. | 3.1 | 15 |
| 5 | On the Expressivity of a Parametric Humanoid Emotion Model. , 2020, , . | | 1 |
| 6 | Agent programming in the cognitive era. Autonomous Agents and Multi-Agent Systems, 2020, 34, 1. | 1.3 | 24 |
| 7 | Design Patterns for an Interactive Storytelling Robot to Support Children's Engagement and Agency. , 2020, , . | | 26 |
| 8 | Quality of Care Perceived by Older Patients and Caregivers in Integrated Care Pathways With Interviewing Assistance From a Social Robot: Noninferiority Randomized Controlled Trial. Journal of Medical Internet Research, 2020, 22, e18787. | 2.1 | 11 |
| 9 | Welcoming Robot Behaviors for Drawing Attention. , 2019, , . | | 2 |
| 10 | What Could Go Wrong?! 2nd Workshop: Lessons Learned When Doing HRI User Studies with Off-the-Shelf Social Robots. , 2019, , . | | 1 |
| 11 | A Formal Graphical Language of Interdependence in Teamwork. IEEE Intelligent Systems, 2019, 34, 25-34. | 4.0 | 1 |
| 12 | Welcoming Robot Behaviors for Drawing Attention. , 2019, , . | | 2 |
| 13 | Robot for health data acquisition among older adults: a pilot randomised controlled cross-over trial. BMJ Quality and Safety, 2019, 28, 793-799. | 1.8 | 21 |
| 14 | Evaluating Cognitive and Affective Intelligent Agent Explanations in a Long-Term Health-Support Application for Children with Type 1 Diabetes. , 2019, , . | | 4 |
| 15 | Enthusiastic Robots Make Better Contact. , 2019, , . | | 5 |
| 16 | Getting Acquainted for a Long-Term Child-Robot Interaction. Lecture Notes in Computer Science, 2019, , 423-433. | 1.0 | 5 |
| 17 | A Robot Math Tutor that Gives Feedback. Lecture Notes in Computer Science, 2019, , 601-610. | 1.0 | 3 |
| 18 | Engineering Multi-Agent Systems. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2019, 44, 18-28. | 0.5 | 16 |

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|---|---|---|---|
| 19 | Artificial Intelligence in Health Care and Medicine: A Personalized Approach. Acta Scientific Medical Sciences, 2019, 3, 71-78. | 0.0 | 0 |
| 20 | Proof of Concept of a Social Robot for Patient Reported Outcome Measurements in Elderly Persons. , 2018, , . | | 8 |
| 21 | Automating failure detection in cognitive agent programs. International Journal of Agent Oriented Software Engineering, 2018, 6, 275. | 0.1 | 1 |
| 22 | Persistent Robot-Assisted Disaster Response. , 2018, , . | | 9 |
| 23 | Reducing Stress by Bonding with a Social Robot. , 2018, , . | | 8 |
| 24 | Do You Have Pain?. , 2018, , . | | 4 |
| 25 | What Could Go Wrong. , 2018, , . | | 0 |
| 26 | Alternating Offers Protocols for Multilateral Negotiation. Studies in Computational Intelligence, 2017, , 153-167. | 0.7 | 57 |
| 27 | The Sixth Automated Negotiating Agents Competition (ANAC 2015). Studies in Computational Intelligence, 2017, , 139-151. | 0.7 | 22 |
| 28 | Boolean Negotiation Games. Lecture Notes in Computer Science, 2017, , 1-18. | 1.0 | 0 |
| 29 | Incremental Development of Large-Scale Human-Robot Teamwork in Disaster Response Environments. , 2017, , . | | 1 |
| 30 | Designing a source-level debugger for cognitive agent programs. Autonomous Agents and Multi-Agent Systems, 2017, 31, 941-970. | 1.3 | 8 |
| 31 | Specifying and testing the design rationale of social robots for behavior change in children. Cognitive Systems Research, 2017, 43, 250-265. | 1.9 | 11 |
| 32 | Personalised self-explanation by robots: The role of goals versus beliefs in robot-action explanation for children and adults. , 2017, , . | | 40 |
| 33 | Self-explanations of a cognitive agent by citing goals and emotions. , 2017, , . | | 3 |
| 34 | The role of emotion in self-explanations by cognitive agents. , 2017, , . | | 14 |
| 35 | Expectation management in child-robot interaction. , 2017, , . | | 4 |
| 36 | Exploring the Ethical Landscape of Robot-Assisted Search and Rescue. Intelligent Systems, Control and Automation: Science and Engineering, 2017, , 93-107. | 0.3 | 10 |

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|---|---|---|---|
| 37 | An Introduction to the Pocket Negotiator: A General Purpose Negotiation Support System. Lecture Notes in Computer Science, 2017, , 13-27. | 1.0 | 14 |
| 38 | Omniscient Debugging for GOAL Agents in Eclipse (Demonstration). , 2017, , . | | 0 |
| 39 | Omniscient Debugging for Cognitive Agent Programs. , 2017, , . | | 3 |
| 40 | Ontological reasoning for human-robot teaming in search and rescue missions. , 2016, , . | | 9 |
| 41 | Altruistic coordination for multi-robot cooperative pathfinding. Applied Intelligence, 2016, 44, 269-281. | 3.3 | 15 |
| 42 | Learning about the opponent in automated bilateral negotiation: a comprehensive survey of opponent modeling techniques. Autonomous Agents and Multi-Agent Systems, 2016, 30, 849-898. | 1.3 | 94 |
| 43 | Dynamic task allocation for multi-robot search and retrieval tasks. Applied Intelligence, 2016, 45, 383-401. | 3.3 | 42 |
| 44 | Optimal Non-adaptive Concession Strategies with Incomplete Information. Studies in Computational Intelligence, 2016, , 39-54. | 0.7 | 2 |
| 45 | CAAF: A Cognitive Affective Agent Programming Framework. Lecture Notes in Computer Science, 2016, , 317-330. | 1.0 | 11 |
| 46 | Using Automatic Failure Detection for Cognitive Agents in Eclipse (AAMAS 2016 DEMONSTRATION). Lecture Notes in Computer Science, 2016, , 59-80. | 1.0 | 3 |
| 47 | The Automated Negotiating Agents Competition, 2010â€“2015. AI Magazine, 2015, 36, 115-118. | 1.4 | 26 |
| 48 | Effects of a robotic storyteller's moody gestures on storytelling perception. , 2015, , . | | 19 |
| 49 | On the need for a coordination mechanism to guarantee task completion in a cooperative team. , 2015, , . | | 0 |
| 50 | Designing a Knowledge Representation Interface for Cognitive Agents. Lecture Notes in Computer Science, 2015, , 33-50. | 1.0 | 4 |
| 51 | TRADR Project: Long-Term Human-Robot Teaming for Robot Assisted Disaster Response. KI - Kunstliche Intelligenz, 2015, 29, 193-201. | 2.2 | 50 |
| 52 | Heuristics for using CP-nets in utility-based negotiation without knowing utilities. Knowledge and Information Systems, 2015, 45, 357-388. | 2.1 | 19 |
| 53 | Human-Robot Teamwork in USAR Environments. , 2015, , . | | 8 |
| 54 | Mood contagion of robot body language in human robot interaction. Autonomous Agents and Multi-Agent Systems, 2015, 29, 1216-1248. | 1.3 | 27 |

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|---|---|---|---|
| 55 | A Fully Integrated Development Environment for Agent-Oriented Programming. Lecture Notes in Computer Science, 2015, , 288-291. | 1.0 | 3 |
| 56 | Designing a Source-Level Debugger for Cognitive Agent Programs. Lecture Notes in Computer Science, 2015, , 335-350. | 1.0 | 5 |
| 57 | Performance of Communicating Cognitive Agents in Cooperative Robot Teams. Lecture Notes in Computer Science, 2015, , 13-31. | 1.0 | 0 |
| 58 | HRI Workshop on Human-Robot Teaming. , 2015, , . | | 2 |
| 59 | Active learning of affordances for robot use of household objects. , 2014, , . | | 16 |
| 60 | Effective transfer learning of affordances for household robots. , 2014, , . | | 8 |
| 61 | A study into modeling coordination in disruption management by Airline Operations Control. , 2014, , . | | 1 |
| 62 | Effects of bodily mood expression of a robotic teacher on students. , 2014, , . | | 24 |
| 63 | An Approach to Navigation for the Humanoid Robot Nao in Domestic Environments. Lecture Notes in Computer Science, 2014, , 298-310. | 1.0 | 8 |
| 64 | GENIUS: AN INTEGRATED ENVIRONMENT FOR SUPPORTING THE DESIGN OF GENERIC AUTOMATED NEGOTIATORS. Computational Intelligence, 2014, 30, 48-70. | 2.1 | 135 |
| 65 | Effective acceptance conditions in real-time automated negotiation. Decision Support Systems, 2014, 60, 68-77. | 3.5 | 28 |
| 66 | The Shaping of the Agent-Oriented Mindset. Lecture Notes in Computer Science, 2014, , 1-14. | 1.0 | 3 |
| 67 | GOAL: A Multi-agent Programming Language Applied to an Exploration Game. , 2014, , 235-258. | | 13 |
| 68 | Decoupling Negotiating Agents to Explore the Space of Negotiation Strategies. Studies in Computational Intelligence, 2014, , 61-83. | 0.7 | 34 |
| 69 | Computational Modeling of Emotion: Toward Improving the Inter- and Intradisciplinary Exchange. IEEE Transactions on Affective Computing, 2013, 4, 246-266. | 5.7 | 138 |
| 70 | Evaluating practical negotiating agents: Results and analysis of the 2011 international competition. Artificial Intelligence, 2013, 198, 73-103. | 3.9 | 137 |
| 71 | Mood expression through parameterized functional behavior of robots. , 2013, , . | | 10 |
| 72 | The Relative Importance and Interrelations between Behavior Parameters for Robots' Mood Expression. , 2013, , . | | 13 |

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| 73 | Predicting the Performance of Opponent Models in Automated Negotiation. , 2013, , . | | 24 |
| 74 | Robot learning and use of affordances in goal-directed tasks. , 2013, , . | | 11 |
| 75 | Bodily Mood Expression: Recognize Moods from Functional Behaviors of Humanoid Robots. Lecture Notes in Computer Science, 2013, , 511-520. | 1.0 | 12 |
| 76 | The Second Automated Negotiating Agents Competition (ANAC2011). Studies in Computational Intelligence, 2013, , 183-197. | 0.7 | 13 |
| 77 | A Tit for Tat Negotiation Strategy for Real-Time Bilateral Negotiations. Studies in Computational Intelligence, 2013, , 229-233. | 0.7 | 21 |
| 78 | Acceptance Conditions in Automated Negotiation. Studies in Computational Intelligence, 2013, , 95-111. | 0.7 | 15 |
| 79 | Heuristic-Based Approaches for CP-Nets in Negotiation. Studies in Computational Intelligence, 2013, , 113-123. | 0.7 | 10 |
| 80 | Learning to Improve Agent Behaviours in GOAL. Lecture Notes in Computer Science, 2013, , 158-173. | 1.0 | 8 |
| 81 | An Agent-Based Cognitive Robot Architecture. Lecture Notes in Computer Science, 2013, , 54-71. | 1.0 | 14 |
| 82 | Goal-Based Qualitative Preference Systems. Lecture Notes in Computer Science, 2013, , 153-169. | 1.0 | 0 |
| 83 | Reasoning about Interest-Based Preferences. Communications in Computer and Information Science, 2013, , 115-130. | 0.4 | 0 |
| 84 | Learning Classifier System on a humanoid NAO robot in dynamic environments. , 2012, , . | | 3 |
| 85 | Value-sensitive design patterns for pervasive health care. , 2012, , . | | 4 |
| 86 | An empirical study of cognitive agent programs. Multiagent and Grid Systems, 2012, 8, 187-222. | 0.5 | 5 |
| 87 | Negotiating Agents. AI Magazine, 2012, 33, 79. | 1.4 | 16 |
| 88 | Qualitative One-to-Many Multi-Issue Negotiation: Approximating the QVA. Group Decision and Negotiation, 2012, 21, 49-77. | 2.0 | 8 |
| 89 | Special Issue on â€˜Human Factors and Computational Models in Negotiationâ€™. Group Decision and Negotiation, 2012, 21, 1-2. | 2.0 | 3 |
| 90 | Argumentation-Based Qualitative Preference Modelling with Incomplete and Uncertain Information. Group Decision and Negotiation, 2012, 21, 99-127. | 2.0 | 7 |

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| 91 | The First Automated Negotiating Agents Competition (ANAC 2010). Studies in Computational Intelligence, 2012, , 113-135. | 0.7 | 52 |
| 92 | An Empirical Study of Patterns in Agent Programs. Lecture Notes in Computer Science, 2012, , 196-211. | 1.0 | 5 |
| 93 | The iCat as a Natural Interaction Partner. Lecture Notes in Computer Science, 2012, , 212-231. | 1.0 | 7 |
| 94 | Reinforcement Learning as Heuristic for Action-Rule Preferences. Lecture Notes in Computer Science, 2012, , 25-40. | 1.0 | 4 |
| 95 | An Interface for Agent-Environment Interaction. Lecture Notes in Computer Science, 2012, , 139-158. | 1.0 | 10 |
| 96 | GOAL Agents Instantiate Intention Logic. Lecture Notes in Computer Science, 2012, , 196-219. | 1.0 | 7 |
| 97 | Debugging Is Explaining. Lecture Notes in Computer Science, 2012, , 31-45. | 1.0 | 15 |
| 98 | Measuring the Performance of Online Opponent Models in Automated Bilateral Negotiation. Lecture Notes in Computer Science, 2012, , 1-14. | 1.0 | 16 |
| 99 | An Argumentation Framework for Qualitative Multi-criteria Preferences. Lecture Notes in Computer Science, 2012, , 85-98. | 1.0 | 5 |
| 100 | HactarV2: An Agent Team Strategy Based on Implicit Coordination. Lecture Notes in Computer Science, 2012, , 173-184. | 1.0 | 4 |
| 101 | Multi-attribute Preference Logic. Lecture Notes in Computer Science, 2012, , 181-195. | 1.0 | 2 |
| 102 | Let's dans! An analytic framework of negotiation dynamics and strategies. Web Intelligence and Agent Systems, 2011, 9, 319-335. | 0.4 | 11 |
| 103 | Towards an environment interface standard for agent platforms. Annals of Mathematics and Artificial Intelligence, 2011, 61, 261-295. | 0.9 | 54 |
| 104 | Principles for Value-Sensitive Agent-Oriented Software Engineering. Lecture Notes in Computer Science, 2011, , 1-16. | 1.0 | 8 |
| 105 | An Argumentation Framework for Deriving Qualitative Risk Sensitive Preferences. Lecture Notes in Computer Science, 2011, , 556-565. | 1.0 | 0 |
| 106 | Eliminating issue dependencies in complex negotiation domains. Multiagent and Grid Systems, 2010, 6, 477-501. | 0.5 | 2 |
| 107 | Model Checking Agent Programs by Using the Program Interpreter. Lecture Notes in Computer Science, 2010, , 219-237. | 1.0 | 16 |
| 108 | Towards a Quality Assessment Method for Learning Preference Profiles in Negotiation. Lecture Notes in Business Information Processing, 2010, , 46-59. | 0.8 | 14 |

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| 109 | Supporting the Design of General Automated Negotiators. Studies in Computational Intelligence, 2010, , 69-87. | 0.7 | 18 |
| 110 | Do You Get It? User-Evaluated Explainable BDI Agents. Lecture Notes in Computer Science, 2010, , 28-39. | 1.0 | 42 |
| 111 | Argumentation-Based Preference Modelling with Incomplete Information. Lecture Notes in Computer Science, 2010, , 141-157. | 1.0 | 2 |
| 112 | A Computational Semantics for Communicating Rational Agents Based on Mental Models. Lecture Notes in Computer Science, 2010, , 31-48. | 1.0 | 7 |
| 113 | Approximating the Qualitative Vickrey Auction by a Negotiation Protocol. Lecture Notes in Business Information Processing, 2010, , 44-57. | 0.8 | 0 |
| 114 | The Benefits of Opponent Models in Negotiation. , 2009, , . | | 16 |
| 115 | Programming Rational Agents in GOAL. , 2009, , 119-157. | | 115 |
| 116 | Using Temporal Logic to Integrate Goals and Qualitative Preferences into Agent Programming. Lecture Notes in Computer Science, 2009, , 215-232. | 1.0 | 13 |
| 117 | Combining Multiple Knowledge Representation Technologies into Agent Programming Languages. Lecture Notes in Computer Science, 2009, , 60-74. | 1.0 | 10 |
| 118 | Exploring Heuristic Action Selection in Agent Programming. Lecture Notes in Computer Science, 2009, , 24-39. | 1.0 | 6 |
| 119 | Towards a Verification Framework for Communicating Rational Agents. Lecture Notes in Computer Science, 2009, , 177-182. | 1.0 | 1 |
| 120 | GOAL as a Planning Formalism. Lecture Notes in Computer Science, 2009, , 29-40. | 1.0 | 4 |
| 121 | Programming Organization-Aware Agents. Lecture Notes in Computer Science, 2009, , 98-112. | 1.0 | 21 |
| 122 | An Empirical Study of Agent Programs. Lecture Notes in Computer Science, 2009, , 200-215. | 1.0 | 5 |
| 123 | A Multi-Agent Environment for Negotiation. , 2009, , 333-363. | | 5 |
| 124 | Approximating an auction mechanism by multi-issue negotiation. , 2008, , . | | 3 |
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| 126 | Towards an Open Negotiation Architecture for Heterogeneous Agents. Lecture Notes in Computer Science, 2008, , 264-279. | 1.0 | 10 |

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| 127 | GOAL Agents Instantiate Intention Logic. Lecture Notes in Computer Science, 2008, , 232-244. | 1.0 | 6 |
| 128 | Compiling GOAL Agent Programs into Jazzyk Behavioural State Machines. Lecture Notes in Computer Science, 2008, , 86-98. | 1.0 | 1 |
| 129 | Negotiation Dynamics: Analysis, Concession Tactics, and Outcomes. , 2007, , . | | 15 |
| 130 | A verification framework for agent programming with declarative goals. Journal of Applied Logic, 2007, 5, 277-302. | 1.1 | 56 |
| 131 | Automatic Issue Extraction from a Focused Dialogue. Lecture Notes in Computer Science, 2007, , 204-216. | 1.0 | 1 |
| 132 | Analysis of Negotiation Dynamics. Lecture Notes in Computer Science, 2007, , 27-35. | 1.0 | 8 |
| 133 | Modules as Policy-Based Intentions: Modular Agent Programming in GOAL. , 2007, , 156-171. | | 29 |
| 134 | Eliminating Interdependencies Between Issues for Multi-issue Negotiation. Lecture Notes in Computer Science, 2006, , 301-316. | 1.0 | 29 |
| 135 | Agent Logics as Program Logics: Grounding KARO. , 2006, , 404-418. | | 6 |
| 136 | A Programming Language for Coordinating Group Actions. Lecture Notes in Computer Science, 2002, , 313-321. | 1.0 | 3 |
| 137 | Agent Programming with Declarative Goals. Lecture Notes in Computer Science, 2001, , 228-243. | 1.0 | 88 |
| 138 | A Programming Logic for Part of the Agent Language 3APL. Lecture Notes in Computer Science, 2001, , 78-89. | 1.0 | 6 |
| 139 | Semantics of Communicating Agents Based on Deduction and Abduction. Lecture Notes in Computer Science, 2000, , 63-79. | 1.0 | 16 |
| 140 | A Formal Architecture for the 3APL Agent Programming Language. Lecture Notes in Computer Science, 2000, , 168-187. | 1.0 | 11 |
| 141 | Agent Programming in 3APL. Autonomous Agents and Multi-Agent Systems, 1999, 2, 357-401. | 1.3 | 256 |
| 142 | Control Structures of Rule-Based Agent Languages. Lecture Notes in Computer Science, 1999, , 381-396. | 1.0 | 22 |
| 143 | Formal semantics for an abstract agent programming language. Lecture Notes in Computer Science, 1998, , 215-229. | 1.0 | 41 |