# Stephen J S Cranefield

List of Publications by Year
in descending order

| | | 759233 | 580821 |
|---|---|---|---|
| 72 papers | 920 citations | 12 h-index | 25 g-index |
| 78 all docs | 78 docs citations | 78 times ranked | 519 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | UML for ontology development. Knowledge Engineering Review, 2002, 17, 61-64. | 2.6 | 124 |
| 2 | A Study on Feature Analysis for Musical Instrument Classification. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 429-438. | 5.0 | 92 |
| 3 | Norm creation, spreading and emergence: A survey of simulation models of norms in multi-agent systems. Multiagent and Grid Systems, 2011, 7, 21-54. | 0.9 | 84 |
| 4 | Obligation Norm Identification in Agent Societies. Jasss, 2010, 13, . | 1.8 | 42 |
| 5 | A multi-agent system for the integration of distributed environmental information. Environmental Modelling and Software, 2003, 18, 565-572. | 4.5 | 31 |
| 6 | Identifying prohibition norms in agent societies. Artificial Intelligence and Law, 2013, 21, 1-46. | 4.0 | 31 |
| 7 | Role Model Based Mechanism for Norm Emergence in Artificial Agent Societies. , 2007, , 203-217. | | 30 |
| 8 | Context identification of sentences in related work sections using a conditional random field. , 2010, , . | | 26 |
| 9 | No Pizza for You: Value-based Plan Selection in BDI Agents. , 2017, , . | | 26 |
| 10 | Verifying social expectations by model checking truncated paths. Journal of Logic and Computation, 2011, 21, 1217-1256. | 0.8 | 24 |
| 11 | Social Norm Emergence in Virtual Agent Societies. Lecture Notes in Computer Science, 2009, , 18-28. | 1.3 | 24 |
| 12 | Agent-based integration of Web Services with Workflow Management Systems. , 2005, , . | | 21 |
| 13 | Mechanisms for norm emergence in multiagent societies. , 2007, , . | | 17 |
| 14 | Bridging the gap between the model-driven architecture and ontology engineering. International Journal of Human Computer Studies, 2007, 65, 595-609. | 5.6 | 17 |
| 15 | Norm emergence in agent societies formed by dynamically changing networks. Web Intelligence and Agent Systems, 2009, 7, 223-232. | 0.4 | 17 |
| 16 | IDENTIFYING EVENTS TAKING PLACE IN SECOND LIFE VIRTUAL ENVIRONMENTS. Applied Artificial Intelligence, 2012, 26, 137-181. | 3.2 | 16 |
| 17 | A UML profile and mapping for the generation of ontology-specific content languages. Knowledge Engineering Review, 2002, 17, 21-39. | 2.6 | 14 |
| 18 | Integrating environmental information: incorporating metadata in a distributed information system's architecture. Journal of Environmental Management, 2001, 5, 319-325. | 1.7 | 11 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 19 | A multi-level approach and infrastructure for agent-oriented software development. , 2002, , . | | 11 |
| 20 | Norm Emergence in Agent Societies Formed by Dynamically Changing Networks. , 2007, , . | | 11 |
| 21 | Accountability for Practical Reasoning Agents. Lecture Notes in Computer Science, 2019, , 33-48. | 1.3 | 11 |
| 22 | A Rule Language for Modelling and Monitoring Social Expectations in Multi-agent Systems. Lecture Notes in Computer Science, 2006, , 246-258. | 1.3 | 11 |
| 23 | Ontologies for Interaction Protocols. , 2005, , 1-17. | | 11 |
| 24 | Modelling and visualizing agent conversations. , 2001, , . | | 9 |
| 25 | An Architecture for Self-Organising Evolvable Virtual Machines. Lecture Notes in Computer Science, 2005, , 100-122. | 1.3 | 9 |
| 26 | Interfacing a Cognitive Agent Platform with Second Life. Lecture Notes in Computer Science, 2012, , 1-21. | 1.3 | 9 |
| 27 | Modelling and Monitoring Social Expectations in Multi-agent Systems. Lecture Notes in Computer Science, 2006, , 308-321. | 1.3 | 9 |
| 28 | Internal Agent Architecture for Norm Identification. Lecture Notes in Computer Science, 2010, , 241-256. | 1.3 | 9 |
| 29 | Integrating Expectation Monitoring into BDI Agents. Lecture Notes in Computer Science, 2012, , 74-91. | 1.3 | 9 |
| 30 | Improving Situation Awareness in Intelligent Virtual Agents. Lecture Notes in Computer Science, 2013, , 134-148. | 1.3 | 9 |
| 31 | View-based consistency and its implementation. , 0, , . | | 8 |
| 32 | Monitoring Social Expectations in Second Life. Lecture Notes in Computer Science, 2010, , 133-146. | 1.3 | 8 |
| 33 | A lightweight ontology repository. , 2003, , . | | 7 |
| 34 | Using the Shapley Value for Fair Consumer Compensation in Energy Demand Response Programs: Comparing Algorithms. , 2015, , . | | 7 |
| 35 | An agent-based architecture for software tool coordination. Lecture Notes in Computer Science, 1997, , 44-58. | 1.3 | 7 |
| 36 | Feature Analysis and Classification of Classical Musical Instruments: An Empirical Study. Lecture Notes in Computer Science, 2006, , 444-458. | 1.3 | 6 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 37 | Contextual information retrieval in research articles: Semantic publishing tools for the research community. Semantic Web, 2014, 5, 261-293. | 1.9 | 6 |
| 38 | Spatial information modelling and analysis in a distributed environment. Environmental Modelling and Software, 2001, 16, 439-445. | 4.5 | 5 |
| 39 | Multi-Agent System Interaction Protocols in a Dynamically Changing Environment. , 2004, , 95-111. | | 5 |
| 40 | Ontology-based modelling of related work sections in research articles. , 2010, , . | | 5 |
| 41 | Multi-agent Interaction Technology for Peer-to-Peer Computing in Electronic Trading Environments. Lecture Notes in Computer Science, 2004, , 150-161. | 1.3 | 5 |
| 42 | Eliciting Expectations for Monitoring Social Interactions. Lecture Notes in Computer Science, 2009, , 171-185. | 1.3 | 5 |
| 43 | Modelling and Monitoring Interdependent Expectations. Lecture Notes in Computer Science, 2012, , 149-166. | 1.3 | 5 |
| 44 | Embedding Agents in Business Processes Using Enterprise Integration Patterns. Lecture Notes in Computer Science, 2013, , 97-116. | 1.3 | 5 |
| 45 | Introduction to the special issue on ontologies in agent systems. Knowledge Engineering Review, 2002, 17, 1-5. | 2.6 | 4 |
| 46 | Implementing agent communication languages directly from UML specifications. , 2002, , . | | 4 |
| 47 | Context identification of sentences in research articles: Towards developing intelligent tools for the research community. Natural Language Engineering, 2013, 19, 481-515. | 2.5 | 4 |
| 48 | Unsupervised Domain Adaptation using Deep Networks with Cross-Grafted Stacks. , 2019, , . | | 4 |
| 49 | Norm Violation in Online Communities â€" A Study of Stack Overflow Comments. Lecture Notes in Computer Science, 2021, , 20-34. | 1.3 | 4 |
| 50 | View-based consistency and false sharing effect in distributed shared memory. Operating Systems Review (ACM), 2001, 35, 51-60. | 1.9 | 4 |
| 51 | Finding the Right Features for Instrument Classification of Classical Music. , 2006, , . | | 3 |
| 52 | A Conceptual Model and Metaplatform for Public Interest Technology Design. IEEE Transactions on Technology and Society, 2021, 2, 71-82. | 3.2 | 3 |
| 53 | Verifying Social Expectations by Model Checking Truncated Paths. Lecture Notes in Computer Science, 2009, , 204-219. | 1.3 | 3 |
| 54 | A Distributed Architecture for Environmental Information Systems. IFIP Advances in Information and Communication Technology, 2000, , 49-56. | 0.7 | 3 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 55 | Agents and Expectations. Lecture Notes in Computer Science, 2014, , 234-255. | 1.3 | 3 |
| 56 | Open Collaborative Systems as Institutions of Agents. , 2008, , . | | 2 |
| 57 | Handling Agent Perception in Heterogeneous Distributed Systems: A Policy-Based Approach. Lecture Notes in Computer Science, 2015, , 169-185. | 1.3 | 2 |
| 58 | Identifying Conditional Norms in Multi-agent Societies. Lecture Notes in Computer Science, 2011, , 285-302. | 1.3 | 2 |
| 59 | A Collective Action Simulation Platform. Lecture Notes in Computer Science, 2020, , 69-80. | 1.3 | 2 |
| 60 | Agents and Expectations. Lecture Notes in Computer Science, 2014, , 234-255. | 1.3 | 2 |
| 61 | Deep adversarial transition learning using cross-grafted generative stacks. Neural Networks, 2022, 149, 172-183. | 5.9 | 2 |
| 62 | Contextual information extraction in research articles. , 2011, , . | | 1 |
| 63 | Giving Camel to Artifacts for Industry 4.0 Integration Challenges. Lecture Notes in Computer Science, 2019, , 232-236. | 1.3 | 1 |
| 64 | Identifying Norms from Observation Using MCMC Sampling. , 2021, , . | | 1 |
| 65 | An Agent-Enhanced Workflow Management System. Lecture Notes in Computer Science, 2005, , 215-220. | 1.3 | 0 |
| 66 | Mining International Political Norms from the GDELT Database. Lecture Notes in Computer Science, 2021, , 35-56. | 1.3 | 0 |
| 67 | Enabling BDI group plans with coordination middleware: semantics and implementation. Autonomous Agents and Multi-Agent Systems, 2021, 35, 1. | 2.1 | 0 |
| 68 | Experiences in the Development of an Agent Architecture. Lecture Notes in Computer Science, 2000, , 76-87. | 1.3 | 0 |
| 69 | A Distributed Model for Institutions in Open Multi-agent Systems. Lecture Notes in Computer Science, 2004, , 1172-1178. | 1.3 | 0 |
| 70 | Experiences with Pair and Tri Programming in a Second Level Course. Lecture Notes in Computer Science, 2005, , 701-707. | 1.3 | 0 |
| 71 | Agent-Based Container Terminal Optimisation. Lecture Notes in Computer Science, 2011, , 137-148. | 1.3 | 0 |
| 72 | Incorporating Social Practices in BDI AgentÂSystems. Lecture Notes in Computer Science, 2020, , 109-126. | 1.3 | 0 |