

# Jan Treur

## List of Publications by Year in descending order

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300  
papers

3,457  
citations

257450

24  
h-index

223800

46  
g-index

347  
all docs

347  
docs citations

347  
times ranked

990  
citing authors

#	ARTICLE	IF	CITATIONS
1	A LANGUAGE AND ENVIRONMENT FOR ANALYSIS OF DYNAMICS BY SIMULATION. International Journal on Artificial Intelligence Tools, 2007, 16, 435-464.	1.0	184
2	Network-Oriented Modeling. Understanding Complex Systems, 2016, , .	0.6	147
3	An agent architecture for multi-attribute negotiation using incomplete preference information. Autonomous Agents and Multi-Agent Systems, 2007, 15, 221-252.	2.1	135
4	SPECIFICATION AND VERIFICATION OF DYNAMICS IN AGENT MODELS. International Journal of Cooperative Information Systems, 2009, 18, 167-193.	0.8	125
5	Network-Oriented Modeling for Adaptive Networks: Designing Higher-Order Adaptive Biological, Mental and Social Network Models. Studies in Systems, Decision and Control, 2020, , .	1.0	125
6	Formalisation of Damasio's theory of emotion, feeling and core consciousness. Consciousness and Cognition, 2008, 17, 94-113.	1.5	107
7	Modelling collective decision making in groups and crowds: Integrating social contagion and interacting emotions, beliefs and intentions. Autonomous Agents and Multi-Agent Systems, 2013, 27, 52-84.	2.1	103
8	Agent-Based Modeling of Emotion Contagion in Groups. Cognitive Computation, 2015, 7, 111-136.	5.2	98
9	COMPOSITIONAL VERIFICATION OF MULTI-AGENT SYSTEMS: A FORMAL ANALYSIS OF PRO-ACTIVENESS AND REACTIVENESS. International Journal of Cooperative Information Systems, 2002, 11, 51-91.	0.8	93
10	Principles of component-based design of intelligent agents. Data and Knowledge Engineering, 2002, 41, 1-27.	3.4	81
11	Compositional design and reuse of a generic agent model. Applied Artificial Intelligence, 2000, 14, 491-538.	3.2	50
12	Specification and Verification of Dynamics in Cognitive Agent Models. , 2006, , .		50
13	A computational model based on Gross's emotion regulation theory. Cognitive Systems Research, 2010, 11, 211-230.	2.7	48
14	Modeling higher order adaptivity of a network by multilevel network reification. Network Science, 2020, 8, S110-S144.	1.0	48
15	Reflections on dynamics, adaptation and control: A cognitive architecture for mental models. Cognitive Systems Research, 2021, 70, 1-9.	2.7	42
16	A temporal-interactivist perspective on the dynamics of mental states. Cognitive Systems Research, 2003, 4, 137-155.	2.7	40
17	Dynamic modeling based on a temporal "causal network modeling approach. Biologically Inspired Cognitive Architectures, 2016, 16, 131-168.	0.9	38
18	Putting Intentions into Cell Biochemistry: An Artificial Intelligence Perspective. Journal of Theoretical Biology, 2002, 214, 105-134.	1.7	36

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19	The Ins and Outs of Network-Oriented Modeling: From Biological Networks and Mental Networks to Social Networks and Beyond. Lecture Notes in Computer Science, 2019, , 120-139.	1.3	35
20	Verification of temporal-causal network models by mathematical analysis. Vietnam Journal of Computer Science, 2016, 3, 207-221.	1.2	34
21	A temporal modelling environment for internally grounded beliefs, desires and intentions. Cognitive Systems Research, 2003, 4, 191-210.	2.7	29
22	Modeling centralized organization of organizational change. Computational and Mathematical Organization Theory, 2007, 13, 147-184.	2.0	29
23	Modelling and analysis of social contagion in dynamic networks. Neurocomputing, 2014, 146, 140-150.	5.9	29
24	Modelling the effect of religion on human empathy based on an adaptive temporal causal network model. Computational Social Networks, 2018, 5, 1.	2.1	26
25	Multilevel Network Reification: Representing Higher Order Adaptivity in a Network. Studies in Computational Intelligence, 2019, , 635-651.	0.9	26
26	Computational modeling of organisational learning by self-modeling networks. Cognitive Systems Research, 2022, 73, 51-64.	2.7	26
27	Collective representational content for shared extended mind. Cognitive Systems Research, 2006, 7, 151-174.	2.7	24
28	Temporal semantics of compositional task models and problem solving methods. Data and Knowledge Engineering, 1999, 29, 17-42.	3.4	23
29	A RECURSIVE BDI AGENT MODEL FOR THEORY OF MIND AND ITS APPLICATIONS. Applied Artificial Intelligence, 2011, 25, 1-44.	3.2	23
30	An ambient agent model for monitoring and analysing dynamics of complex human behaviour. Journal of Ambient Intelligence and Smart Environments, 2011, 3, 283-303.	1.4	22
31	Network Reification as a Unified Approach to Represent Network Adaptation Principles Within a Network. Lecture Notes in Computer Science, 2018, , 344-358.	1.3	22
32	A framework for formal modeling and analysis of organizations. Applied Intelligence, 2007, 27, 49-66.	5.3	21
33	An integrative dynamical systems perspective on emotions. Biologically Inspired Cognitive Architectures, 2013, 4, 27-40.	0.9	21
34	A Second-Order Adaptive Network Model for Shared Mental Models in Hospital Teamwork. Lecture Notes in Computer Science, 2021, , 126-140.	1.3	20
35	On the dynamics and adaptivity of mental processes: Relating adaptive dynamical systems and self-modeling network models by mathematical analysis. Cognitive Systems Research, 2021, 70, 93-100.	2.7	18
36	A temporal model theory for default logic. , 1993, , 91-96.		17

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37	Temporal theories of reasoning. <i>Journal of Applied Non-Classical Logics</i> , 1995, 5, 239-261.	0.5	17
38	An Interpretation of Default Logic in Minimal Temporal Epistemic Logic. <i>Journal of Logic, Language and Information</i> , 1998, 7, 369-388.	0.6	17
39	On the applicability of Network-Oriented Modelling based on temporal-causal networks: why network models do not just model networks. <i>Journal of Information and Telecommunication</i> , 2017, 1, 23-40.	2.8	17
40	On Human Aspects in Ambient Intelligence. <i>Communications in Computer and Information Science</i> , 2007, , 262-267.	0.5	17
41	Integration of behavioural requirements specification within compositional knowledge engineering. <i>Knowledge-Based Systems</i> , 2005, 18, 353-365.	7.1	16
42	An Adaptive Temporal-Causal Network Model for Decision Making Under Acute Stress. <i>Lecture Notes in Computer Science</i> , 2018, , 13-25.	1.3	16
43	Incorporating Emotion Regulation into Virtual Stories. <i>Lecture Notes in Computer Science</i> , 2007, , 339-347.	1.3	16
44	A Computational Model for Adaptive Emotion Regulation. , 2007, , .		15
45	An Agent Model for a Human's Functional State and Performance. , 2008, , .		15
46	Simulation and formal analysis of visual attention. <i>Web Intelligence and Agent Systems</i> , 2009, 7, 89-105.	0.4	15
47	On the reciprocal interaction between believing and feeling: an adaptive agent modelling perspective. <i>Cognitive Neurodynamics</i> , 2010, 4, 377-394.	4.0	15
48	Agent-based vs. population-based simulation of displacement of crime: A comparative study. <i>Web Intelligence and Agent Systems</i> , 2011, 9, 147-160.	0.4	15
49	An adaptive temporal-causal network model for social networks based on the homophily and more-becomes-more principle. <i>Neurocomputing</i> , 2019, 338, 361-371.	5.9	15
50	A Logical Theory of Design. , 1996, , 243-266.		15
51	Modelling conflict management in design: An explicit approach. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 1995, 9, 353-366.	1.1	14
52	A compositional approach to modelling design rationale. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 1997, 11, 125-139.	1.1	14
53	Modelling the dynamics of reasoning processes: Reasoning by assumption. <i>Cognitive Systems Research</i> , 2003, 4, 119-136.	2.7	14
54	A Cognitive Model for Visual Attention and Its Application. , 2006, , .		14

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55	SIMULATION AND ANALYSIS OF ADAPTIVE AGENTS: AN INTEGRATIVE MODELING APPROACH. International Journal of Modeling, Simulation, and Scientific Computing, 2007, 10, 335-357.	1.4	14
56	An Agent-Based Model for the Interplay of Information and Emotion in Social Diffusion. , 2010, , .		14
57	An intelligent agent model with awareness of workflow progress. Applied Intelligence, 2012, 36, 498-510.	5.3	14
58	Formal specification and analysis of intelligent agents for model-based medicine usage management. Computers in Biology and Medicine, 2013, 43, 444-457.	7.0	14
59	Compositional Verification of Multi-Agent Systems in Temporal Multi-Epistemic Logic. Journal of Logic, Language and Information, 2002, 11, 195-225.	0.6	13
60	Agent Models and Different User Ontologies for an Electronic Market Place. Knowledge and Information Systems, 2004, 6, 1-41.	3.2	13
61	On the use of reduction relations to relate different types of agent models. Web Intelligence and Agent Systems, 2011, 9, 81-95.	0.4	13
62	Methods for model-based reasoning within agent-based Ambient Intelligence applications. Knowledge-Based Systems, 2012, 27, 190-210.	7.1	13
63	Computational Analysis of Gender Differences in Coping with Extreme Stressful Emotions. Procedia Computer Science, 2018, 145, 376-385.	2.0	13
64	Temporal semantics of meta-level architectures for dynamic control of reasoning. Lecture Notes in Computer Science, 1994, , 353-376.	1.3	13
65	Temporal factorisation: A unifying principle for dynamics of the world and of mental states. Cognitive Systems Research, 2007, 8, 57-74.	2.7	12
66	Comparison of Agent-Based and Population-Based Simulations of Displacement of Crime. , 2008, , .		12
67	A computational agent model incorporating prior and retrospective ownership states for actions. Biologically Inspired Cognitive Architectures, 2012, 2, 54-67.	0.9	12
68	An agent-based model for integrated emotion regulation and contagion in socially affected decision making. Biologically Inspired Cognitive Architectures, 2015, 12, 105-120.	0.9	12
69	Representation theory for default logic. Annals of Mathematics and Artificial Intelligence, 1997, 21, 343-358.	1.3	11
70	Cognitive and social simulation of criminal behaviour. , 2007, , .		11
71	Temporal factorisation: Realisation of mediating state properties for dynamics. Cognitive Systems Research, 2007, 8, 75-88.	2.7	11
72	Cognitive and Biological Agent Models for Emotion Reading. , 2008, , .		11

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73	An integrative ambient agent model for unipolar depression relapse prevention. Journal of Ambient Intelligence and Smart Environments, 2010, 2, 5-20.	1.4	11
74	A Second-Order Adaptive Network Model for Learner-Controlled Mental Model Learning Processes. Studies in Computational Intelligence, 2021, , 245-259.	0.9	11
75	Modeling adaptive cooperative and competitive metaphors as mental models for joint decision making. Cognitive Systems Research, 2021, 69, 67-82.	2.7	11
76	LEADSTO: A Language and Environment for Analysis of Dynamics by SimulaTiOn. Lecture Notes in Computer Science, 2005, , 165-178.	1.3	11
77	An Adaptive Cognitive Temporal-Causal Network Model of a Mindfulness Therapy Based on Music. Lecture Notes in Computer Science, 2018, , 180-193.	1.3	11
78	Integrative Biological, Cognitive and Affective Modeling of a Drug-Therapy for a Post-traumatic Stress Disorder. Lecture Notes in Computer Science, 2018, , 292-304.	1.3	11
79	Agent-Based Modelling of the Emergence of Collective States Based on Contagion of Individual States in Groups. Lecture Notes in Computer Science, 2011, , 152-179.	1.3	11
80	A Modeling Environment for Dynamic and Adaptive Network Models Implemented in MATLAB. Advances in Intelligent Systems and Computing, 2020, , 91-111.	0.6	11
81	An ambient agent model for group emotion support. , 2009, , .		10
82	A virtual human agent model with behaviour based on feeling exhaustion. Applied Intelligence, 2011, 35, 469-482.	5.3	10
83	Design and validation of a relative trust model. Knowledge-Based Systems, 2014, 57, 81-94.	7.1	10
84	A Data Analysis Technique to Estimate the Thermal Characteristics of a House. Energies, 2017, 10, 1358.	3.1	10
85	A computational model for flexibility in emotion regulation. Procedia Computer Science, 2018, 145, 572-580.	2.0	10
86	Cognitive Modeling of Mindfulness Therapy by Autogenic Training. Advances in Intelligent Systems and Computing, 2019, , 53-66.	0.6	10
87	Modeling the development of internal mental models by an adaptive network model. Procedia Computer Science, 2021, 190, 90-101.	2.0	10
88	Simulation and Analysis of a Shared Extended Mind. Simulation, 2005, 81, 719-732.	1.8	9
89	An Adaptive Multi-agent Organization Model Based on Dynamic Role Allocation. , 2006, , .		9
90	Modeling and Validation of Biased Human Trust. , 2011, , .		9

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91	Computational cognitive modelling of action awareness: prior and retrospective. <i>Brain Informatics</i> , 2015, 2, 77-106.	3.0	9
92	Modeling learner-controlled mental model learning processes by a second-order adaptive network model. <i>PLoS ONE</i> , 2021, 16, e0255503.	2.5	9
93	A Modeling Environment for Reified Temporal-Causal Networks: Modeling Plasticity and Metaplasticity in Cognitive Agent Models. <i>Lecture Notes in Computer Science</i> , 2019, , 487-495.	1.3	9
94	Modelling the Reciprocal Interaction between Believing and Feeling from a Neurological Perspective. <i>Lecture Notes in Computer Science</i> , 2009, , 13-24.	1.3	9
95	Dreaming Your Fear Away: A Computational Model for Fear Extinction Learning during Dreaming. <i>Lecture Notes in Computer Science</i> , 2011, , 197-209.	1.3	9
96	Specification of nonmonotonic reasoning. <i>Journal of Applied Non-Classical Logics</i> , 2000, 10, 7-26.	0.5	8
97	Semantic formalization of interactive reasoning functionality. <i>International Journal of Intelligent Systems</i> , 2002, 17, 645-686.	5.7	8
98	Emergent Storylines Based on Autonomous Characters with Mindreading Capabilities. , 2007, , .		8
99	Formal analysis of trace conditioning. <i>Cognitive Systems Research</i> , 2007, 8, 36-47.	2.7	8
100	Attention Manipulation for Naval Tactical Picture Compilation. , 2009, , .		8
101	Exploration and Exploitation in Adaptive Trust-Based Decision Making in Dynamic Environments. , 2010, , .		8
102	Comparative analysis of agent-based and population-based modelling in epidemics and economics1. <i>Multiagent and Grid Systems</i> , 2012, 8, 223-255.	0.9	8
103	Analysis of a network's asymptotic behavior via its structure involving its strongly connected components. <i>Network Science</i> , 2020, 8, S82-S109.	1.0	8
104	An adaptive network model covering metacognition to control adaptation for multiple mental models. <i>Cognitive Systems Research</i> , 2021, 67, 18-27.	2.7	8
105	On Rationality of Decision Models Incorporating Emotion-Related Valuing and Hebbian Learning. <i>Lecture Notes in Computer Science</i> , 2011, , 217-229.	1.3	8
106	States of change: explaining dynamics by anticipatory state properties. <i>Philosophical Psychology</i> , 2005, 18, 441-471.	0.9	7
107	Modeling Adaptive Dynamical Systems to Analyze Eating Regulation Disorders. <i>Simulation</i> , 2006, 82, 159-171.	1.8	7
108	A specification language for organisational performance indicators. <i>Applied Intelligence</i> , 2007, 27, 291-301.	5.3	7

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109	Relating Cognitive Process Models to Behavioural Models of Agents. , 2008, , .		7
110	On the relation between cognitive and biological modelling of criminal behaviour. Computers in Human Behavior, 2011, 27, 1593-1611.	8.5	7
111	An ambient agent architecture exploiting automated cognitive analysis. Journal of Ambient Intelligence and Humanized Computing, 2012, 3, 219-237.	4.9	7
112	Learning Emotion Regulation Strategies: A Cognitive Agent Model. , 2013, , .		7
113	Effect of Changes in the Structure of a Social Network on Emotion Contagion. , 2014, , .		7
114	An Analytical Model for Mathematical Analysis of Smart Daily Energy Management for Air to Water Heat Pumps. Energy Procedia, 2014, 50, 589-596.	1.8	7
115	A Computational Cognitive Model Integrating Different Emotion Regulation Strategies. Procedia Computer Science, 2015, 71, 157-168.	2.0	7
116	Comparative Evaluation of Different Computational Models for Performance of Air Source Heat Pumps Based on Real World Data. Energy Procedia, 2016, 95, 459-466.	1.8	7
117	Comparative Analysis of the Efficiency of Air Source Heat Pumps in Different Climatic Areas of Iran. Procedia Environmental Sciences, 2016, 34, 547-558.	1.4	7
118	Modelling and analysis of the dynamics of adaptive temporalâ€ causal network models for evolving social interactions. Computational Social Networks, 2017, 4, 4.	2.1	7
119	An adaptive cognitive-social model for mirroring and social bonding during synchronous joint action. Procedia Computer Science, 2018, 145, 3-12.	2.0	7
120	Adaptive Networks at the Crossroad of Artificial Intelligence and Formal, Biological, Medical, and Social Sciences. Integrated Science, 2021, , 335-375.	0.2	7
121	Mental models in the brain: On context-dependent neural correlates of mental models. Cognitive Systems Research, 2021, 69, 83-90.	2.7	7
122	Modeling the emergence of informational content by adaptive networks for temporal factorisation and criterial causation. Cognitive Systems Research, 2021, 68, 34-52.	2.7	7
123	Computational Analysis of Social Contagion and Homophily Based on an Adaptive Social Network Model. Lecture Notes in Computer Science, 2018, , 86-101.	1.3	7
124	An Adaptive Human-Aware Software Agent Supporting Attention-Demanding Tasks. Lecture Notes in Computer Science, 2009, , 292-307.	1.3	7
125	A Computational Agent Model for Hebbian Learning of Social Interaction. Lecture Notes in Computer Science, 2011, , 9-19.	1.3	7
126	On the Same Wavelengths: Emergence of Multiple Synchronies Among Multiple Agents. Lecture Notes in Computer Science, 2022, , 57-71.	1.3	7



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127	Agent-Based Simulation of Animal Behaviour. Applied Intelligence, 2001, 15, 83-115.	5.3	6
128	An adaptive multi-agent organization model based on dynamic role allocation. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2009, 13, 119-139.	1.0	6
129	An Adaptive Agent Model Estimating Human Trust in Information Sources. , 2009, , .		6
130	Combining rational and biological factors in virtual agent decision making. Applied Intelligence, 2011, 34, 87-101.	5.3	6
131	Group Abstraction for Large-Scale Agent-Based Social Diffusion Models. , 2011, , .		6
132	Modelling the Role of Emotion Regulation and Contagion in Socially Affected Decision Making. Procedia, Social and Behavioral Sciences, 2013, 97, 73-82.	0.5	6
133	Modeling the effect of regulation of negative emotions on mood. Biologically Inspired Cognitive Architectures, 2015, 13, 35-47.	0.9	6
134	“If Only I Would Have Done that”™: A Controlled Adaptive Network Model for Learning by Counterfactual Thinking. IFIP Advances in Information and Communication Technology, 2021, , 3-16.	0.7	6
135	An Adaptive Cognitive Temporal-Causal Network Model of a Mindfulness Therapy Based on Humor. Lecture Notes in Information Systems and Organisation, 2020, , 189-201.	0.6	6
136	Monitoring the Impact of Negative Events and Deciding About Emotion Regulation Strategies. Lecture Notes in Computer Science, 2017, , 350-363.	1.3	6
137	An Agent-Based Generic Model for Human-Like Ambience. Communications in Computer and Information Science, 2007, , 93-103.	0.5	6
138	A Three-Dimensional Abstraction Framework to Compare Multi-Agent System Models. Lecture Notes in Computer Science, 2010, , 306-319.	1.3	6
139	Modelling Prior and Retrospective Awareness of Actions. Lecture Notes in Computer Science, 2013, , 62-73.	1.3	6
140	Adaptive Estimation of Emotion Generation for an Ambient Agent Model. Lecture Notes in Computer Science, 2008, , 141-156.	1.3	6
141	Modeling Higher-Order Network Adaptation by Multilevel Network Reification. Studies in Systems, Decision and Control, 2020, , 99-119.	1.0	6
142	A Reusable Multi-Agent Architecture for Active Intelligent Websites. Applied Intelligence, 2001, 15, 7-24.	5.3	5
143	A COMPOSITIONAL KNOWLEDGE LEVEL PROCESS MODEL OF REQUIREMENTS ENGINEERING. International Journal of Software Engineering and Knowledge Engineering, 2002, 12, 41-75.	0.8	5
144	Formal semantics of meta-level architectures: Dynamic control of reasoning. International Journal of Intelligent Systems, 2002, 17, 545-567.	5.7	5

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145	Dynamics and control in component-based agent models. <i>International Journal of Intelligent Systems</i> , 2002, 17, 1007-1047.	5.7	5
146	Compositional Verification of Knowledge-Based Task Models and Problem-Solving Methods. <i>Knowledge and Information Systems</i> , 2003, 5, 337-367.	3.2	5
147	Formal semantics of meta-level architectures: Temporal epistemic reflection. <i>International Journal of Intelligent Systems</i> , 2003, 18, 1293-1317.	5.7	5
148	Mapping visual to textual knowledge representation. <i>Knowledge-Based Systems</i> , 2005, 18, 367-378.	7.1	5
149	Specification, analysis and simulation of the dynamics within an organisation. <i>Applied Intelligence</i> , 2007, 27, 131-152.	5.3	5
150	A computational model for dynamics of desiring and feeling. <i>Cognitive Systems Research</i> , 2012, 19-20, 39-61.	2.7	5
151	Abstraction relations between internal and behavioural agent models for collective decision making. <i>Web Intelligence and Agent Systems</i> , 2012, 10, 465-484.	0.4	5
152	Cognitive and neural modeling of dynamics of trust in competitive trustees. <i>Cognitive Systems Research</i> , 2012, 14, 60-83.	2.7	5
153	Computational model-based design of leadership support based on situational leadership theory. <i>Simulation</i> , 2017, 93, 605-617.	1.8	5
154	Mathematical analysis of the emergence of communities based on coevolution of social contagion and bonding by homophily. <i>Applied Network Science</i> , 2019, 4, .	1.5	5
155	A second-order adaptive temporal-causal network model for age and gender differences in evolving choice of emotion regulation strategies. <i>Journal of Information and Telecommunication</i> , 2020, 4, 213-228.	2.8	5
156	Mathematical Analysis of a Network's Asymptotic Behaviour Based on Its Strongly Connected Components. <i>Studies in Computational Intelligence</i> , 2019, , 663-679.	0.9	5
157	The Choice Between Bad and Worse: A Cognitive Agent Model for Desire Regulation Under Stress. <i>Lecture Notes in Computer Science</i> , 2019, , 496-504.	1.3	5
158	Network-Oriented Modeling and Its Conceptual Foundations. <i>Understanding Complex Systems</i> , 2016, , 3-33.	0.6	5
159	Integration of Biological, Psychological, and Social Aspects in Agent-Based Simulation of a Violent Psychopath. <i>Lecture Notes in Computer Science</i> , 2007, , 888-895.	1.3	5
160	Compositional Verification of Multi-Agent Systems in Temporal Multi-Epistemic Logic. , 2002, , 221-250.		5
161	Relating an Adaptive Network's Structure to Its Emerging Behaviour for Hebbian Learning. <i>Lecture Notes in Computer Science</i> , 2018, , 359-373.	1.3	5
162	Temporalizing Epistemic Default Logic. <i>Journal of Logic, Language and Information</i> , 1998, 7, 341-367.	0.6	4

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163	Nonmonotonic reasoning with multiple belief sets. <i>Annals of Mathematics and Artificial Intelligence</i> , 1998, 24, 225-248.	1.3	4
164	DESIGN AND VALIDATION OF A MODEL FOR A HUMAN'S FUNCTIONAL STATE AND PERFORMANCE. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2011, 02, 413-443.	1.4	4
165	Modeling intentional inhibition of actions. <i>Biologically Inspired Cognitive Architectures</i> , 2015, 14, 22-39.	0.9	4
166	Adaptive Modelling of Trauma: Development and Recovery of Patients. <i>Procedia Computer Science</i> , 2016, 88, 512-521.	2.0	4
167	A Neurologically Inspired Network Model for Graziano's Attention Schema Theory for Consciousness. <i>Lecture Notes in Computer Science</i> , 2017, , 10-21.	1.3	4
168	An Adaptive Network Model of Attachment Theory. <i>Lecture Notes in Computer Science</i> , 2021, , 462-475.	1.3	4
169	Better Late than Never: A Multilayer Network Model Using Metaplasticity for Emotion Regulation Strategies. <i>Studies in Computational Intelligence</i> , 2020, , 697-708.	0.9	4
170	On the Use of Agent-Based Simulation for Efficiency Analysis of Domestic Heating Using Photovoltaic Solar Energy Production Combined with a Heatpump. <i>Springer Proceedings in Physics</i> , 2014, , 143-154.	0.2	4
171	A Computational Model of the Relation between Regulation of Negative Emotions and Mood. <i>Lecture Notes in Computer Science</i> , 2014, , 59-68.	1.3	4
172	Modelling a Mutual Support Network for Coping with Stress. <i>Lecture Notes in Computer Science</i> , 2016, , 64-77.	1.3	4
173	On the Emergence of Segregation in Society: Network-Oriented Analysis of the Effect of Evolving Friendships. <i>Lecture Notes in Computer Science</i> , 2018, , 178-191.	1.3	4
174	Network-Oriented Modeling of Multi-criteria Homophily and Opinion Dynamics in Social Media. <i>Lecture Notes in Computer Science</i> , 2018, , 322-335.	1.3	4
175	Multi-interpretation operators and approximate classification. <i>International Journal of Approximate Reasoning</i> , 2003, 32, 43-61.	3.3	3
176	On the use of organisation modelling techniques to address biological organisation. <i>Multiagent and Grid Systems</i> , 2007, 3, 199-223.	0.9	3
177	An Ambient Intelligent Agent Model Using Controlled Model-Based Reasoning to Determine Causes and Remedies for Monitored Problems. , 2008, , .		3
178	A PHILOSOPHICAL FOUNDATION FOR UNIFICATION OF DYNAMIC MODELING METHODS BASED ON HIGHER-ORDER POTENTIALITIES AND THEIR REDUCERS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2008, 11, 831-860.	1.4	3
179	Modeling an Ambient Agent to Support Depression Relapse Prevention. , 2009, , .		3
180	Automated analysis of compositional multi-agent systems. <i>International Journal of Agent Oriented Software Engineering</i> , 2010, 4, 174.	0.4	3

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181	Formal analysis of design process dynamics. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2010, 24, 397-423.	1.1	3
182	An Agent Model for Decision Making Based upon Experiences Applied in the Domain of Fighter Pilots. , 2010, , .		3
183	A system to support attention allocation: Development and application. Web Intelligence and Agent Systems, 2012, 10, 1-17.	0.4	3
184	Conceptual and Computational Analysis of the Role of Emotions and Social Influence in Learning. Procedia, Social and Behavioral Sciences, 2013, 93, 449-467.	0.5	3
185	An adaptive agent model for affective social decision making. Biologically Inspired Cognitive Architectures, 2013, 5, 72-81.	0.9	3
186	A Computational Cognitive Model for Intentional Inhibition of Actions. Procedia, Social and Behavioral Sciences, 2013, 97, 63-72.	0.5	3
187	A temporal-causal network model for the effect of emotional charge on information sharing. Biologically Inspired Cognitive Architectures, 2018, 26, 136-144.	0.9	3
188	Modeling enabling learning of social interaction based on an adaptive temporal-causal network model. Neurocomputing, 2019, 338, 349-360.	5.9	3
189	Decision Making Under Acute Stress Modeled by an Adaptive Temporalâ€Causal Network Model. Vietnam Journal of Computer Science, 2020, 07, 433-452.	1.2	3
190	Narcissism and fame: a complex network model for the adaptive interaction of digital narcissism and online popularity. Applied Network Science, 2020, 5, .	1.5	3
191	A multi-level cognitive architecture for self-referencing, self-awareness and self-interpretation. Cognitive Systems Research, 2021, 68, 125-142.	2.7	3
192	A second-order adaptive network model for emotion regulation in addictive social media behaviour. Cognitive Systems Research, 2021, 70, 52-62.	2.7	3
193	Equilibrium Analysis for Within-Network Dynamics: From Linear to Nonlinear Aggregation. Lecture Notes in Computer Science, 2021, , 94-110.	1.3	3
194	Network-Oriented Modeling and Its Conceptual Foundations. Lecture Notes in Computer Science, 2016, , 157-175.	1.3	3
195	A Cognitive Agent Model for Desire Regulation Applied to Food Desires. Lecture Notes in Computer Science, 2017, , 251-260.	1.3	3
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