Jan Treur

List of Publications by Year
in descending order

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	Disturbed by Flashbacks: A Controlled Adaptive Network Model Addressing Mental Models for Flashbacks from PTSD. Studies in Systems, Decision and Control, 2022, , 99-116.	1.0	1
2	Dynamics, Adaptation and Control for Mental Models: A Cognitive Architecture. Studies in Systems, Decision and Control, 2022, , 3-26.	1.0	1
3	On the Same Wavelengths: Emergence of Multiple Synchronies Among Multiple Agents. Lecture Notes in Computer Science, 2022, , 57-71.	1.3	7
4	Does This Suit Me? Validation of Self-modeling Network Models by Parameter Tuning. Studies in Systems, Decision and Control, 2022, , 537-564.	1.0	1
5	Are We on the Same Page: A Controlled Adaptive Network Model for Shared Mental Models in Hospital Teamwork. Studies in Systems, Decision and Control, 2022, , 371-406.	1.0	2
6	Computational modeling of organisational learning by self-modeling networks. Cognitive Systems Research, 2022, 73, 51-64.	2.7	26
7	From Mental Network Models to Virtualisation by Avatars: A First Software Implementation. Studies in Computational Intelligence, 2022, , 75-88.	0.9	1
8	A Second-Order Adaptive Network Model for Exam-Related Anxiety Regulation. Studies in Computational Intelligence, 2022, , 42-53.	0.9	0
9	A multi-level cognitive architecture for self-referencing, self-awareness and self-interpretation. Cognitive Systems Research, 2021, 68, 125-142.	2.7	3
10	How Free Will Can Drive Evolution: Adaptive Network Modeling of the Role of Plasticity in Leading Evolutionary Development. Procedia Computer Science, 2021, 190, 755-770.	2.0	1
11	An Adaptive Network Model of Attachment Theory. Lecture Notes in Computer Science, 2021, , 462-475.	1.3	4
12	â€˜If Only I Would Have Done thatâ€¦â€™: A Controlled Adaptive Network Model for Learning by Counterfactual Thinking. IFIP Advances in Information and Communication Technology, 2021, , 3-16.	0.7	6
13	An Integrative Second-Order Adaptive Network Model for the Effect of L. Reuteri Probiotics in the Gut on ASD Symptoms. Procedia Computer Science, 2021, 190, 450-462.	2.0	0
14	Regaining Cognitive Control: An Adaptive Computational Model Involving Neural Correlates of Stress, Control and Intervention. Lecture Notes in Computer Science, 2021, , 556-569.	1.3	0
15	A Second-Order Adaptive Network Model for Learner-Controlled Mental Model Learning Processes. Studies in Computational Intelligence, 2021, , 245-259.	0.9	11
16	A Computational Model for the Second-Order Adaptive Causal Relationships Between Anxiety, Stress and Physical Exercise. IFIP Advances in Information and Communication Technology, 2021, , 17-29.	0.7	0
17	An Adaptive Network Model for Procrastination Behaviour Including Self-regulation and Emotion Regulation. Lecture Notes in Computer Science, 2021, , 540-554.	1.3	0
18	Modeling the development of internal mental models by an adaptive network model. Procedia Computer Science, 2021, 190, 90-101.	2.0	10

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19	Adaptive Networks at the Crossroad of Artificial Intelligence and Formal, Biological, Medical, and Social Sciences. Integrated Science, 2021, , 335-375.	0.2	7
20	Healing the next generation: an adaptive agent model for the effects of parental narcissism. Brain Informatics, 2021, 8, 4.	3.0	0
21	An adaptive network model covering metacognition to control adaptation for multiple mental models. Cognitive Systems Research, 2021, 67, 18-27.	2.7	8
22	Mental models in the brain: On context-dependent neural correlates of mental models. Cognitive Systems Research, 2021, 69, 83-90.	2.7	7
23	An adaptive temporal-causal network model to analyse extinction of communication over time. Cognitive Systems Research, 2021, 68, 73-83.	2.7	2
24	Modeling learner-controlled mental model learning processes by a second-order adaptive network model. PLoS ONE, 2021, 16, e0255503.	2.5	9
25	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
26	Modeling adaptive cooperative and competitive metaphors as mental models for joint decision making. Cognitive Systems Research, 2021, 69, 67-82.	2.7	11
27	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
28	A second-order adaptive network model for emotion regulation in addictive social media behaviour. Cognitive Systems Research, 2021, 70, 52-62.	2.7	3
29	Reflections on dynamics, adaptation and control: A cognitive architecture for mental models. Cognitive Systems Research, 2021, 70, 1-9.	2.7	42
30	From Individual Decisions to Collective Decisions Changing the World. Studies in Computational Intelligence, 2021, , 199-213.	0.9	0
31	A Second-Order Adaptive Network Model for Shared Mental Models in Hospital Teamwork. Lecture Notes in Computer Science, 2021, , 126-140.	1.3	20
32	Equilibrium Analysis for Within-Network Dynamics: From Linear to Nonlinear Aggregation. Lecture Notes in Computer Science, 2021, , 94-110.	1.3	3
33	Simulation of Burnout Processes by a Multi-order Adaptive Network Model. Lecture Notes in Computer Science, 2021, , 514-527.	1.3	1
34	Desensitization Due to Overstimulation: A Second-Order Adaptive Network Model. Lecture Notes in Computer Science, 2021, , 238-249.	1.3	0
35	On Becoming a Conspiracy Thinker: A Second-Order Adaptive Network Model. Procedia Computer Science, 2021, 190, 51-63.	2.0	2
36	To Help or Not to Help: A Network Modelling Approach to the Bystander Effect. Advances in Intelligent Systems and Computing, 2021, , 527-540.	0.6	0

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37	Modelling Metaplasticity and Memory Reconsolidation During an Eye-Movement Desensitization and Reprocessing Treatment. Advances in Intelligent Systems and Computing, 2021, , 598-610.	0.6	1
38	Relating Emerging Adaptive Network Behavior to Network Structure: A Declarative Network Analysis Perspective. Vietnam Journal of Computer Science, 2021, 08, 39-92.	1.2	0
39	Food Desires, Negative Emotions and Behaviour Change Techniques: A Computational Analysis. Smart Cities, 2021, 4, 938-951.	9.4	1
40	Integrating Multilevel Adaptive Models to Develop Systematic, Transparent, and Participatory EIA Practice. Lecture Notes in Networks and Systems, 2021, , 973-991.	0.7	0
41	An Adaptive Network Model for Sleep Paralysis: The Risk Factors and Working Mechanisms. Lecture Notes in Networks and Systems, 2021, , 540-556.	0.7	0
42	Modeling the Effects of Politics Based on a Sociological Reference Scheme for Self-organizing Systems. Lecture Notes in Networks and Systems, 2021, , 166-182.	0.7	0
43	Modeling Context-Sensitive Metacognitive Control of Focusing on a Mental Model During a Mental Process. Lecture Notes in Networks and Systems, 2021, , 992-1009.	0.7	3
44	Flexibility and Adaptivity of Emotion Regulation: From Contextual Dynamics to Adaptation and Control. , 2021, , 261-292.		2
45	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
46	Analysis of a network's asymptotic behavior via its structure involving its strongly connected components. Network Science, 2020, 8, S82-S109.	1.0	8
47	Modeling higher order adaptivity of a network by multilevel network reification. Network Science, 2020, 8, S110-S144.	1.0	48
48	Decision Making Under Acute Stress Modeled by an Adaptive Temporal–Causal Network Model. Vietnam Journal of Computer Science, 2020, 07, 433-452.	1.2	3
49	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
50	The older the better: a fourth-order adaptive network model for reward-driven choices of emotion regulation strategies over time. Applied Network Science, 2020, 5, .	1.5	2
51	A second-order adaptive temporal-causal network model for age and gender differences in evolving choice of emotion regulation strategies. Journal of Information and Telecommunication, 2020, 4, 213-228.	2.8	5
52	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
53	Relating Emerging Network Behaviour to Network Structure. Studies in Systems, Decision and Control, 2020, , 251-280.	1.0	2
54	Better Late than Never: A Multilayer Network Model Using Metaplasticity for Emotion Regulation Strategies. Studies in Computational Intelligence, 2020, , 697-708.	0.9	4

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55	Know Yourself: An Adaptive Causal Network Model for Therapeutic Intervention for Regaining Cognitive Control. IFIP Advances in Information and Communication Technology, 2020, , 334-346.	0.7	2
56	An Adaptive Network Model for Burnout and Dreaming. Lecture Notes in Computer Science, 2020, , 342-356.	1.3	1
57	Are We Producing Narci-nials? An Adaptive Agent Model for Parental Influence. Lecture Notes in Computer Science, 2020, , 16-28.	1.3	1
58	A Modeling Environment for Dynamic and Adaptive Network Models Implemented in MATLAB. Advances in Intelligent Systems and Computing, 2020, , 91-111.	0.6	11
59	Using a Temporal-Causal Network Model for Computational Analysis of the Effect of Social Media Influencers on the Worldwide Interest in Veganism. Advances in Intelligent Systems and Computing, 2020, , 129-140.	0.6	2
60	On Adaptive Networks and Network Reification. Studies in Systems, Decision and Control, 2020, , 3-24.	1.0	0
61	Using Network Reification for Adaptive Networks: Discussion. Studies in Systems, Decision and Control, 2020, , 405-412.	1.0	0
62	Analysis of a Network's Emerging Behaviour via Its Structure Involving Its Strongly Connected Components. Studies in Systems, Decision and Control, 2020, , 281-318.	1.0	0
63	A Reified Network Model for Adaptive Decision Making Based on the Disconnect-Reconnect Adaptation Principle. Studies in Systems, Decision and Control, 2020, , 123-142.	1.0	0
64	Higher-Order Reified Adaptive Network Models with a Strange Loop. Studies in Systems, Decision and Control, 2020, , 187-208.	1.0	0
65	A Unified Approach to Represent Network Adaptation Principles by Network Reification. Studies in Systems, Decision and Control, 2020, , 59-98.	1.0	0
66	Ins and Outs of Network-Oriented Modeling. Studies in Systems, Decision and Control, 2020, , 25-55.	1.0	0
67	A Modeling Environment for Reified Temporal-Causal Network Models. Studies in Systems, Decision and Control, 2020, , 211-224.	1.0	0
68	Relating a Reified Adaptive Network's Structure to Its Emerging Behaviour for Bonding by Homophily. Studies in Systems, Decision and Control, 2020, , 321-352.	1.0	1
69	Modeling Higher-Order Network Adaptation by Multilevel Network Reification. Studies in Systems, Decision and Control, 2020, , 99-119.	1.0	6
70	Modeling Higher-Order Adaptive Evolutionary Processes by Reified Adaptive Network Models. Studies in Systems, Decision and Control, 2020, , 167-185.	1.0	1
71	Computational Analysis of the Adaptive Causal Relationships Between Cannabis, Anxiety and Sleep. Lecture Notes in Computer Science, 2020, , 357-370.	1.3	0
72	A Second-Order Adaptive Social-Cognitive Agent Model for Prisoner Recidivism. Communications in Computer and Information Science, 2020, , 154-167.	0.5	0

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73	Take It or Leave It:. Lecture Notes in Computer Science, 2020, , 175-187.	1.3	1
74	A Second-Order Adaptive Agent Network Model for Social Dynamics in a Classroom Setting. Lecture Notes in Computer Science, 2020, , 161-173.	1.3	0
75	An Adaptive Computational Fear-Avoidance Model Applied to Genito-Pelvic Pain/Penetration Disorder. Lecture Notes in Computer Science, 2020, , 3-15.	1.3	1
76	A Temporal-Causal Modelling Approach to Analyse the Dynamics of Burnout and the Effects of Sleep. Advances in Intelligent Systems and Computing, 2020, , 219-232.	0.6	1
77	Modeling Cultural Segregation of the Queer Community Through an Adaptive Social Network Model. Advances in Intelligent Systems and Computing, 2020, , 233-248.	0.6	1
78	How Motivated Are You? A Mental Network Model for Dynamic Goal Driven Emotion Regulation. Lecture Notes in Computer Science, 2020, , 518-529.	1.3	2
79	From Victim to Survivor: A Multilayered Adaptive Mental Network Model of a Bully Victim. Lecture Notes in Computer Science, 2020, , 679-689.	1.3	0
80	Mathematical analysis of the emergence of communities based on coevolution of social contagion and bonding by homophily. Applied Network Science, 2019, 4, .	1.5	5
81	Cognitive Modeling of Mindfulness Therapy by Autogenic Training. Advances in Intelligent Systems and Computing, 2019, , 53-66.	0.6	10
82	An adaptive temporal-causal network model for social networks based on the homophily and more-becomes-more principle. Neurocomputing, 2019, 338, 361-371.	5.9	15
83	Modeling enabling learning of social interaction based on an adaptive temporal-causal network model. Neurocomputing, 2019, 338, 349-360.	5.9	3
84	Multilevel Network Reification: Representing Higher Order Adaptivity in a Network. Studies in Computational Intelligence, 2019, , 635-651.	0.9	26
85	Mathematical Analysis of a Network's Asymptotic Behaviour Based on Its Strongly Connected Components. Studies in Computational Intelligence, 2019, , 663-679.	0.9	5
86	A Modeling Environment for Reified Temporal-Causal Networks: Modeling Plasticity and Metaplasticity in Cognitive Agent Models. Lecture Notes in Computer Science, 2019, , 487-495.	1.3	9
87	The Choice Between Bad and Worse: A Cognitive Agent Model for Desire Regulation Under Stress. Lecture Notes in Computer Science, 2019, , 496-504.	1.3	5
88	A Temporal-Causal Modeling Approach to the Dynamics of a Burnout and the Role of Physical Exercise. Advances in Intelligent Systems and Computing, 2019, , 88-100.	0.6	3
89	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
90	Relating an Adaptive Social Network's Structure to Its Emerging Behaviour Based on Homophily. Studies in Computational Intelligence, 2019, , 341-356.	0.9	3

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91	A Computational Model of Myelin Excess for Patients with Post-Traumatic Stress Disorder. Lecture Notes in Computer Science, 2019, , 203-215.	1.3	2
92	On Sympathy and Symphony: Network-Oriented Modeling of the Adaptive Dynamics of Sympathy States. Lecture Notes in Computer Science, 2019, , 639-651.	1.3	0
93	Modeling Higher-Order Adaptive Evolutionary Processes by Multilevel Adaptive Agent Models. Lecture Notes in Computer Science, 2019, , 505-513.	1.3	2
94	An Adaptive Computational Network Model forÂMulti-Emotional Social Interaction. Studies in Computational Intelligence, 2018, , 784-796.	0.9	2
95	An adaptive network model for a possible therapy for the effects of a certain type of dementia on social functioning. Biologically Inspired Cognitive Architectures, 2018, 26, 145-158.	0.9	1
96	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
97	An adaptive Network-Oriented cognitive model for Major Depression and its treatment. Biologically Inspired Cognitive Architectures, 2018, 26, 159-165.	0.9	0
98	An adaptive cognitive-social model for mirroring and social bonding during synchronous joint action. Procedia Computer Science, 2018, 145, 3-12.	2.0	7
99	Computational Analysis of Gender Differences in Coping with Extreme Stressful Emotions. Procedia Computer Science, 2018, 145, 376-385.	2.0	13
100	A computational model for flexibility in emotion regulation. Procedia Computer Science, 2018, 145, 572-580.	2.0	10
101	A Computational Network Model for the Effects of Certain Types of Dementia on Social Functioning. Lecture Notes in Computer Science, 2018, , 119-133.	1.3	1
102	Simulating Mutual Support Networks of Human and Artificial Agents. Lecture Notes in Computer Science, 2018, , 202-214.	1.3	0
103	An Adaptive Temporal-Causal Network Model for Decision Making Under Acute Stress. Lecture Notes in Computer Science, 2018, , 13-25.	1.3	16
104	Modelling the effect of religion on human empathy based on an adaptive temporalâ€"causal network model. Computational Social Networks, 2018, 5, 1.	2.1	26
105	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
106	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
107	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
108	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

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109	Understanding Homophily and More-Becomes-More Through Adaptive Temporal-Causal Network Models. Advances in Intelligent Systems and Computing, 2018, , 16-29.	0.6	3
110	On the Emergence of Segregation in Society: Network-Oriented Analysis of the Effect of Evolving Friendships. Lecture Notes in Computer Science, 2018, , 178-191.	1.3	4
111	Physical Activity Contagion and Homophily in an Adaptive Social Network Model. Lecture Notes in Computer Science, 2018, , 87-98.	1.3	2
112	Network-Oriented Modeling of Multi-criteria Homophily and Opinion Dynamics in Social Media. Lecture Notes in Computer Science, 2018, , 322-335.	1.3	4
113	Relating an Adaptive Network's Structure to Its Emerging Behaviour for Hebbian Learning. Lecture Notes in Computer Science, 2018, , 359-373.	1.3	5
114	Computational model-based design of leadership support based on situational leadership theory. Simulation, 2017, 93, 605-617.	1.8	5
115	A Neurologically Inspired Network Model for Graziano's Attention Schema Theory for Consciousness. Lecture Notes in Computer Science, 2017, , 10-21.	1.3	4
116	On the applicability of Network-Oriented Modelling based on temporal-causal networks: why network models do not just model networks. Journal of Information and Telecommunication, 2017, 1, 23-40.	2.8	17
117	Modelling and analysis of the dynamics of adaptive temporal–causal network models for evolving social interactions. Computational Social Networks, 2017, 4, 4.	2.1	7
118	A Data Analysis Technique to Estimate the Thermal Characteristics of a House. Energies, 2017, 10, 1358.	3.1	10
119	Network-Oriented Modeling and Analysis of Dynamics Based on Adaptive Temporal-Causal Networks. Studies in Computational Intelligence, 2017, , 69-81.	0.9	1
120	A Cognitive Agent Model for Desire Regulation Applied to Food Desires. Lecture Notes in Computer Science, 2017, , 251-260.	1.3	3
121	Monitoring the Impact of Negative Events and Deciding About Emotion Regulation Strategies. Lecture Notes in Computer Science, 2017, , 350-363.	1.3	6
122	Cognitive Simulation Driven Domestic Heating Energy Management. Procedia Environmental Sciences, 2016, 34, 80-93.	1.4	0
123	Network-Oriented Modeling. Understanding Complex Systems, 2016, , .	0.6	147
124	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
125	Adaptive Modelling of Trauma: Development and Recovery of Patients. Procedia Computer Science, 2016, 88, 512-521.	2.0	4
126	Verification of temporal-causal network models by mathematical analysis. Vietnam Journal of Computer Science, 2016, 3, 207-221.	1.2	34

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127	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
128	Dynamic modeling based on a temporal–causal network modeling approach. Biologically Inspired Cognitive Architectures, 2016, 16, 131-168.	0.9	38
129	Network-Oriented Modeling and Its Conceptual Foundations. Understanding Complex Systems, 2016, , 3-33.	0.6	5
130	Making Smart Applications Smarter. Understanding Complex Systems, 2016, , 463-471.	0.6	2
131	Modelling a Mutual Support Network for Coping with Stress. Lecture Notes in Computer Science, 2016, , 64-77.	1.3	4
132	Network-Oriented Modeling and Its Conceptual Foundations. Lecture Notes in Computer Science, 2016, , 157-175.	1.3	3
133	We Don€™t Believe in Ghosts, Do We?. Understanding Complex Systems, 2016, , 421-462.	0.6	0
134	Changing Yourself, Changing the Other, or Changing Your Connection. Understanding Complex Systems, 2016, , 285-319.	0.6	0
135	How Emotions Come in Between Everything. Understanding Complex Systems, 2016, , 105-124.	0.6	0
136	Multidisciplinary Education. Understanding Complex Systems, 2016, , 473-484.	0.6	0
137	Where Is This Going. Understanding Complex Systems, 2016, , 323-348.	0.6	0
138	What Is It that Drives Dynamics: We Don€™t Believe in Ghosts, Do We?. Lecture Notes in Computer Science, 2016, , 212-250.	1.3	1
139	A Computational Cognitive Model Integrating Different Emotion Regulation Strategies. Procedia Computer Science, 2015, 71, 157-168.	2.0	7
140	Modeling the effect of regulation of negative emotions on mood. Biologically Inspired Cognitive Architectures, 2015, 13, 35-47.	0.9	6
141	Computational cognitive modelling of action awareness: prior and retrospective. Brain Informatics, 2015, 2, 77-106.	3.0	9
142	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
143	Modeling intentional inhibition of actions. Biologically Inspired Cognitive Architectures, 2015, 14, 22-39.	0.9	4
144	Agent-Based Modeling of Emotion Contagion in Groups. Cognitive Computation, 2015, 7, 111-136.	5.2	98

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145	Analysis of Electricity Usage for Domestic Heating Based on an Air-to-Water Heat Pump in a Real World Context. Springer Proceedings in Energy, 2015, , 587-596.	0.3	1
146	Agent-based simulation of episodic criminal behaviour1. Multiagent and Grid Systems, 2014, 9, 315-334.	0.9	1
147	Effect of Changes in the Structure of a Social Network on Emotion Contagion. , 2014, , .		7
148	Modelling and analysis of social contagion in dynamic networks. Neurocomputing, 2014, 146, 140-150.	5.9	29
149	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
150	Design and validation of a relative trust model. Knowledge-Based Systems, 2014, 57, 81-94.	7.1	10
151	On the Use of Agent-Based Simulation for Efficiency Analysis of Domestic Heating Using Photovoltaic Solar Energy Production Combined with a Heatpump. Springer Proceedings in Physics, 2014, , 143-154.	0.2	4
152	A Computational Model of the Relation between Regulation of Negative Emotions and Mood. Lecture Notes in Computer Science, 2014, , 59-68.	1.3	4
153	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
154	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
155	Designing a Problem-oriented, Multi-disciplinary Curriculum: Integrating Human Sciences and Exact Sciences. Procedia, Social and Behavioral Sciences, 2013, 93, 258-265.	0.5	1
156	An adaptive agent model for affective social decision making. Biologically Inspired Cognitive Architectures, 2013, 5, 72-81.	0.9	3
157	A Computational Cognitive Model for Intentional Inhibition of Actions. Procedia, Social and Behavioral Sciences, 2013, 97, 63-72.	0.5	3
158	An integrative dynamical systems perspective on emotions. Biologically Inspired Cognitive Architectures, 2013, 4, 27-40.	0.9	21
159	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
160	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
161	Learning Emotion Regulation Strategies: A Cognitive Agent Model. , 2013, , .		7
162	Modelling Prior and Retrospective Awareness of Actions. Lecture Notes in Computer Science, 2013, , 62-73.	1.3	6

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163	Ambient Support by a Personal Coach for Exercising and Rehabilitation. Atlantis Ambient and Pervasive Intelligence, 2013, , 89-106.	0.2	2
164	Computational Analysis of the Impacts of Emotion on Learning in a Social Context. , 2012, , .		2
165	A computational agent model incorporating prior and retrospective ownership states for actions. Biologically Inspired Cognitive Architectures, 2012, 2, 54-67.	0.9	12
166	A computational model for dynamics of desiring and feeling. Cognitive Systems Research, 2012, 19-20, 39-61.	2.7	5
167	An ambient agent architecture exploiting automated cognitive analysis. Journal of Ambient Intelligence and Humanized Computing, 2012, 3, 219-237.	4.9	7
168	Comparative analysis of agent-based and population-based modelling in epidemics and economics1. Multiagent and Grid Systems, 2012, 8, 223-255.	0.9	8
169	Abstraction relations between internal and behavioural agent models for collective decision making. Web Intelligence and Agent Systems, 2012, 10, 465-484.	0.4	5
170	A system to support attention allocation: Development and application. Web Intelligence and Agent Systems, 2012, 10, 1-17.	0.4	3
171	Cognitive and neural modeling of dynamics of trust in competitive trustees. Cognitive Systems Research, 2012, 14, 60-83.	2.7	5
172	Methods for model-based reasoning within agent-based Ambient Intelligence applications. Knowledge-Based Systems, 2012, 27, 190-210.	7.1	13
173	Formal framework to support organizational design. Knowledge-Based Systems, 2012, 31, 89-105.	7.1	2
174	An intelligent agent model with awareness of workflow progress. Applied Intelligence, 2012, 36, 498-510.	5.3	14
175	Biological and Computational Perspectives on the Emergence of Social Phenomena: Shared Understanding and Collective Power. Lecture Notes in Computer Science, 2012, , 168-191.	1.3	3
176	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
177	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
178	Agent-based vs. population-based simulation of displacement of crime: A comparative study. Web Intelligence and Agent Systems, 2011, 9, 147-160.	0.4	15
179	On the relation between cognitive and biological modelling of criminal behaviour. Computers in Human Behavior, 2011, 27, 1593-1611.	8.5	7
180	A generic architecture for redesign of organizations triggered by changing environmental circumstances. Computational and Mathematical Organization Theory, 2011, 17, 119-151.	2.0	1

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181	Combining rational and biological factors in virtual agent decision making. Applied Intelligence, 2011, 34, 87-101.	5.3	6
182	A virtual human agent model with behaviour based on feeling exhaustion. Applied Intelligence, 2011, 35, 469-482.	5.3	10
183	DESIGN AND VALIDATION OF A MODEL FOR A HUMAN'S FUNCTIONAL STATE AND PERFORMANCE. International Journal of Modeling, Simulation, and Scientific Computing, 2011, 02, 413-443.	1.4	4
184	Group Abstraction for Large-Scale Agent-Based Social Diffusion Models. , 2011, , .		6
185	Modeling and Validation of Biased Human Trust. , 2011, , .		9
186	A RECURSIVE BDI AGENT MODEL FOR THEORY OF MIND AND ITS APPLICATIONS. Applied Artificial Intelligence, 2011, 25, 1-44.	3.2	23
187	Patterns in World Dynamics Indicating Agency. Lecture Notes in Computer Science, 2011, , 128-151.	1.3	2
188	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
189	A Computational Agent Model for Hebbian Learning of Social Interaction. Lecture Notes in Computer Science, 2011, , 9-19.	1.3	7
190	Dreaming Your Fear Away: A Computational Model for Fear Extinction Learning during Dreaming. Lecture Notes in Computer Science, 2011, , 197-209.	1.3	9
191	On Rationality of Decision Models Incorporating Emotion-Related Valuing and Hebbian Learning. Lecture Notes in Computer Science, 2011, , 217-229.	1.3	8
192	An Agent Model for Analysis of Human Performance Quality. , 2010, , .		2
193	Automated analysis of compositional multi-agent systems. International Journal of Agent Oriented Software Engineering, 2010, 4, 174.	0.4	3
194	On the reciprocal interaction between believing and feeling: an adaptive agent modelling perspective. Cognitive Neurodynamics, 2010, 4, 377-394.	4.0	15
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