

Leendert van der Torre

List of Publications by Year in descending order

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Version: 2024-02-01

160
papers

2,853
citations

346980

22
h-index

312153

41
g-index

187
all docs

187
docs citations

187
times ranked

1166
citing authors

#	ARTICLE	IF	CITATIONS
1	Populating legal ontologies using semantic role labeling. <i>Artificial Intelligence and Law</i> , 2021, 29, 171-211.	3.0	9
2	Expectation: Personalized Explainable Artificial Intelligence for Decentralized Agents with Heterogeneous Knowledge. <i>Lecture Notes in Computer Science</i> , 2021, , 331-343.	1.0	5
3	LogiKey workbench: Deontic logics, logic combinations and expressive ethical and legal reasoning (Isabelle/HOL dataset). <i>Data in Brief</i> , 2020, 33, 106409.	0.5	3
4	Designing normative theories for ethical and legal reasoning: LogiKey framework, methodology, and tool support. <i>Artificial Intelligence</i> , 2020, 287, 103348.	3.9	23
5	Intention as commitment toward time. <i>Artificial Intelligence</i> , 2020, 283, 103270.	3.9	1
6	Interpretations of Support Among Arguments. <i>Frontiers in Artificial Intelligence and Applications</i> , 2020, , .	0.3	1
7	Attack-Defence Frameworks: Argumentation-Based Semantics for Attack-Defence Trees. <i>Lecture Notes in Computer Science</i> , 2020, , 143-165.	1.0	2
8	A principle-based robustness analysis of admissibility-based argumentation semantics. <i>Argument and Computation</i> , 2020, 11, 305-339.	0.7	3
9	Building Jiminy Cricket. , 2019, , .		14
10	Prioritized norms in formal argumentation. <i>Journal of Logic and Computation</i> , 2019, 29, 215-240.	0.5	8
11	From Classical to Non-monotonic Deontic Logic Using ASPIC ++ . <i>Lecture Notes in Computer Science</i> , 2019, , 71-85.	1.0	3
12	A Dynamic Approach for Combining Abstract Argumentation Semantics. <i>Logic in Asia: Studia Logica Library</i> , 2019, , 21-43.	0.1	0
13	More Attention and Less Repetitive and Stereotyped Behaviors using a Robot with Children with Autism. , 2018, , .		31
14	Arguing about constitutive and regulative norms. <i>Journal of Applied Non-Classical Logics</i> , 2018, 28, 189-217.	0.4	4
15	Argumentation as Exogenous Coordination. <i>Lecture Notes in Computer Science</i> , 2018, , 208-223.	1.0	0
16	A Deontic Logic Reasoning Infrastructure. <i>Lecture Notes in Computer Science</i> , 2018, , 60-69.	1.0	4
17	Reuse and Reengineering of Non-ontological Resources in the Legal Domain. <i>Lecture Notes in Computer Science</i> , 2018, , 350-364.	1.0	0
18	Commitments and interaction norms in organisations. <i>Autonomous Agents and Multi-Agent Systems</i> , 2017, 31, 207-249.	1.3	18

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19	Reasoning in Non-probabilistic Uncertainty: Logic Programming and Neural-Symbolic Computing as Examples. <i>Minds and Machines</i> , 2017, 27, 37-77.	2.7	11
20	A partial taxonomy of judgment aggregation rules and their properties. <i>Social Choice and Welfare</i> , 2017, 48, 327-356.	0.4	7
21	Combining fuzzy logic and formal argumentation for legal interpretation. , 2017, , .		4
22	The pragmatic oddity in norm-based deontic logics. , 2017, , .		8
23	Architecture Analysis. <i>The Enterprise Engineering Series</i> , 2017, , 215-252.	0.1	0
24	Eunomos, a legal document and knowledge management system for the Web to provide relevant, reliable and up-to-date information on the law. <i>Artificial Intelligence and Law</i> , 2016, 24, 245-283.	3.0	62
25	AGM Contraction and Revision of Rules. <i>Journal of Logic, Language and Information</i> , 2016, 25, 273-297.	0.4	7
26	Modeling Relevant Legal Information for Consumer Disputes. <i>Lecture Notes in Computer Science</i> , 2016, , 150-165.	1.0	1
27	Algorithms for tractable compliance problems. <i>Frontiers of Computer Science</i> , 2015, 9, 55-74.	1.6	3
28	Persistence and Monotony Properties of Argumentation Semantics. <i>Lecture Notes in Computer Science</i> , 2015, , 211-225.	1.0	4
29	Preface to the Special Issue on Computational Logic in Multi-Agent Systems (CLIMA XII). <i>Journal of Logic and Computation</i> , 2014, 24, 1141-1144.	0.5	0
30	Preface to the Special Issue on Computational Logic in Multi-Agent Systems (CLIMA XIII). <i>Journal of Logic and Computation</i> , 2014, 24, 1251-1252.	0.5	0
31	A critical analysis of legal requirements engineering from the perspective of legal practice. , 2014, , .		14
32	On the Input/Output behavior of argumentation frameworks. <i>Artificial Intelligence</i> , 2014, 217, 144-197.	3.9	41
33	â€œSing and Dance!â€• <i>Lecture Notes in Computer Science</i> , 2014, , 149-165.	1.0	8
34	Combining Constitutive and Regulative Norms in Input/Output Logic. <i>Lecture Notes in Computer Science</i> , 2014, , 241-257.	1.0	4
35	Toward a Linguistic Interpretation of Deontic Paradoxes. <i>Lecture Notes in Computer Science</i> , 2014, , 108-123.	1.0	2
36	Intuitionistic Basis for Input/Output Logic. <i>Outstanding Contributions To Logic</i> , 2014, , 263-286.	0.2	8

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37	Changing Commitments Based on Reasons and Assumptions. Lecture Notes in Computer Science, 2014, , 291-310.	1.0	0
38	Algorithms for Basic Compliance Problems. , 2013, , .		1
39	A socio-cognitive model of trust using argumentation theory. International Journal of Approximate Reasoning, 2013, 54, 541-559.	1.9	22
40	Managing legal interpretation in regulatory compliance. , 2013, , .		22
41	Rewriting Rules for the Computation of Goal-Oriented Changes in an Argumentation System. Lecture Notes in Computer Science, 2013, , 51-68.	1.0	5
42	Monitoring Interaction in Organisations. Lecture Notes in Computer Science, 2013, , 17-34.	1.0	6
43	Argumentation Theoretic Foundations for Abstract Dependence Networks. Lecture Notes in Computer Science, 2013, , 180-194.	1.0	3
44	A Logical Theory about Dynamics in Abstract Argumentation. Lecture Notes in Computer Science, 2013, , 148-161.	1.0	27
45	Norms and Argumentation. , 2013, , 233-249.		1
46	The Role of Roles in Eunomos, a Legal Document and Knowledge Management System for Regulatory Compliance. Lecture Notes in Information Systems and Organisation, 2013, , 451-459.	0.4	0
47	Ten Problems of Deontic Logic and Normative Reasoning in Computer Science. Lecture Notes in Computer Science, 2012, , 55-88.	1.0	7
48	Modelling defeasible and prioritized support in bipolar argumentation. Annals of Mathematics and Artificial Intelligence, 2012, 66, 163-197.	0.9	22
49	A logic of argumentation for specification and verification of abstract argumentation frameworks. Annals of Mathematics and Artificial Intelligence, 2012, 66, 199-230.	0.9	3
50	Multi-sorted Argumentation. Lecture Notes in Computer Science, 2012, , 215-231.	1.0	8
51	Discussion Paper: Changing Norms Is Changing Obligation Change. Lecture Notes in Computer Science, 2012, , 199-214.	1.0	3
52	Visualizing Normative Systems: An Abstract Approach. Lecture Notes in Computer Science, 2012, , 16-30.	1.0	4
53	Beyond Maxi-Consistent Argumentation Operators. Lecture Notes in Computer Science, 2012, , 424-436.	1.0	3
54	A Satisficing Agreements Model. , 2011, , .		0

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55	Time and defeasibility in FIPA ACL semantics. <i>Journal of Applied Logic</i> , 2011, 9, 274-288.	1.1	3
56	Judgment aggregation rules based on minimization. , 2011, , .		27
57	A dynamic logic for privacy compliance. <i>Artificial Intelligence and Law</i> , 2011, 19, 187-231.	3.0	13
58	Group Intention Is Social Choice with Commitment. <i>Lecture Notes in Computer Science</i> , 2011, , 152-171.	1.0	6
59	Arguing about the Trustworthiness of the Information Sources. <i>Lecture Notes in Computer Science</i> , 2011, , 74-85.	1.0	11
60	Dynamics in Delegation and Revocation Schemes: A Logical Approach. <i>Lecture Notes in Computer Science</i> , 2011, , 90-105.	1.0	4
61	Rules, Agents and Norms: Guidelines for Rule-Based Normative Multi-Agent Systems. <i>Lecture Notes in Computer Science</i> , 2011, , 52-66.	1.0	2
62	Privacy Policies with Modal Logic: The Dynamic Turn. <i>Lecture Notes in Computer Science</i> , 2010, , 196-213.	1.0	9
63	The role of goals in belief selection. <i>Logic Journal of the IGPL</i> , 2010, 18, 559-578.	1.3	3
64	Convivial Ambient Technologies: Requirements, Ontology and Design. <i>Computer Journal</i> , 2010, 53, 1229-1256.	1.5	11
65	Deontic Redundancy: A Fundamental Challenge for Deontic Logic. <i>Lecture Notes in Computer Science</i> , 2010, , 11-32.	1.0	6
66	Violation games: a new foundation for deontic logic $\tilde{\sim}$ <i>Journal of Applied Non-Classical Logics</i> , 2010, 20, 457-477.	0.4	1
67	Dynamics in Argumentation with Single Extensions: Attack Refinement and the Grounded Extension (Extended Version). <i>Lecture Notes in Computer Science</i> , 2010, , 150-159.	1.0	19
68	Preference Change Triggered by Belief Change: A Principled Approach. <i>Lecture Notes in Computer Science</i> , 2010, , 86-111.	1.0	2
69	Prescriptive and Descriptive Obligations in Dynamic Epistemic Deontic Logic. <i>Lecture Notes in Computer Science</i> , 2010, , 150-161.	1.0	6
70	Lex Minus Dixit Quam Voluit, Lex Magis Dixit Quam Voluit: A Formal Study on Legal Compliance and Interpretation. <i>Lecture Notes in Computer Science</i> , 2010, , 162-183.	1.0	9
71	A Middleware for Modeling Organizations and Roles in Jade. <i>Lecture Notes in Computer Science</i> , 2010, , 100-117.	1.0	3
72	Conditional Dependence Networks in Requirements Engineering. <i>Lecture Notes in Computer Science</i> , 2010, , 3-18.	1.0	1

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73	Algorithms for finding coalitions exploiting a new reciprocity condition. Logic Journal of the IGPL, 2009, 17, 273-297.	1.3	5
74	On the Acceptability of Meta-arguments. , 2009, , .		8
75	Norm negotiation in online multi-player games. Knowledge and Information Systems, 2009, 18, 137-156.	2.1	7
76	Fibred Security Language. Studia Logica, 2009, 92, 395-436.	0.4	14
77	Preface for Studia Logica Special Issue (2). Studia Logica, 2009, 93, 105-108.	0.4	0
78	Meta-Argumentation Modelling I: Methodology and Techniques. Studia Logica, 2009, 93, 297-355.	0.4	31
79	Contextual Agent Deliberation in Defeasible Logic. Lecture Notes in Computer Science, 2009, , 98-109.	1.0	1
80	Dynamics in Argumentation with Single Extensions: Abstraction Principles and the Grounded Extension. Lecture Notes in Computer Science, 2009, , 107-118.	1.0	48
81	A Complete Conclusion-Based Procedure for Judgment Aggregation. Lecture Notes in Computer Science, 2009, , 1-13.	1.0	8
82	Merging Roles in Coordination and in Agent Deliberation. Lecture Notes in Computer Science, 2009, , 62-73.	1.0	0
83	Introduction to the special issue on normative multiagent systems. Autonomous Agents and Multi-Agent Systems, 2008, 17, 1-10.	1.3	84
84	Reasoning with various kinds of preferences: logic, non-monotonicity, and algorithms. Annals of Operations Research, 2008, 163, 89-114.	2.6	19
85	Institutions with a hierarchy of authorities in distributed dynamic environments. Artificial Intelligence and Law, 2008, 16, 53-71.	3.0	27
86	Substantive and procedural norms in normative multiagent systems. Journal of Applied Logic, 2008, 6, 152-171.	1.1	30
87	Preference-based argumentation: Arguments supporting multiple values. International Journal of Approximate Reasoning, 2008, 48, 730-751.	1.9	60
88	Self Adaptive Coalitions in Multiagent Systems. , 2008, , .		0
89	How to Program Organizations and Roles in the JADE Framework. Lecture Notes in Computer Science, 2008, , 25-36.	1.0	14
90	Social Viewpoints for Arguing about Coalitions. Lecture Notes in Computer Science, 2008, , 66-77.	1.0	15

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91	Reasoning about Constitutive Norms, Counts-As Conditionals, Institutions, Deadlines and Violations. Lecture Notes in Computer Science, 2008, , 86-97.	1.0	17
92	Changing Institutional Goals and Beliefs of Autonomous Agents. Lecture Notes in Computer Science, 2008, , 78-85.	1.0	2
93	NORM NEGOTIATION IN MULTIAGENT SYSTEMS. International Journal of Cooperative Information Systems, 2007, 16, 97-122.	0.6	22
94	Formal analysis of trace conditioning. Cognitive Systems Research, 2007, 8, 36-47.	1.9	8
95	The ontological properties of social roles in multi-agent systems: definitional dependence, powers and roles playing roles. Artificial Intelligence and Law, 2007, 15, 201-221.	3.0	42
96	Power in Norm Negotiation. Lecture Notes in Computer Science, 2007, , 436-446.	1.0	3
97	An Attacker Model for Normative Multi-agent Systems. Lecture Notes in Computer Science, 2007, , 42-51.	1.0	12
98	On the Acceptability of Incompatible Arguments. Lecture Notes in Computer Science, 2007, , 247-258.	1.0	7
99	Relationships Meet Their Roles in Object Oriented Programming. Lecture Notes in Computer Science, 2007, , 440-448.	1.0	4
100	Interaction between Objects in powerJava.. Journal of Object Technology, 2007, 6, 5.	0.8	31
101	Bridging Agent Theory and Object Orientation: Agent-Like Communication Among Objects. Lecture Notes in Computer Science, 2007, , 149-164.	1.0	5
102	Merging Optimistic and Pessimistic Preferences. , 2006, , .		0
103	Roles as a Coordination Construct: Introducing powerJava. Electronic Notes in Theoretical Computer Science, 2006, 150, 9-29.	0.9	28
104	Coordination and Organization. Electronic Notes in Theoretical Computer Science, 2006, 150, 3-20.	0.9	18
105	Introduction to normative multiagent systems. Computational and Mathematical Organization Theory, 2006, 12, 71-79.	1.5	138
106	Interaction among objects via roles. , 2006, , .		8
107	Role-based semantics for agent communication. , 2006, , .		9
108	An architecture of a normative system. , 2006, , .		26

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109	Bridging Agent Theory and Object Orientation: Importing Social Roles in Object Oriented Languages. Lecture Notes in Computer Science, 2006, , 57-75.	1.0	10
110	Constitutive Norms in the Design of Normative Multiagent Systems. Lecture Notes in Computer Science, 2006, , 303-319.	1.0	20
111	Organizations in Artificial Social Systems. Lecture Notes in Computer Science, 2006, , 198-210.	1.0	3
112	Modeling Control Mechanisms with Normative Multiagent Systems: The Case of the Renewables Obligation. Lecture Notes in Computer Science, 2006, , 114-126.	1.0	2
113	A Logical Architecture of a Normative System. Lecture Notes in Computer Science, 2006, , 24-35.	1.0	16
114	Delegation of Power in Normative Multiagent Systems. Lecture Notes in Computer Science, 2006, , 36-52.	1.0	7
115	A Logic of Abstract Argumentation. Lecture Notes in Computer Science, 2006, , 29-41.	1.0	7
116	Modelling the Interaction Between Objects: Roles as Affordances. Lecture Notes in Computer Science, 2006, , 42-54.	1.0	8
117	A Foundational Ontology of Organizations and Roles. Lecture Notes in Computer Science, 2006, , 78-88.	1.0	18
118	Permissions and Uncontrollable Propositions in DSDL3: Non-monotonicity and Algorithms. Lecture Notes in Computer Science, 2006, , 161-174.	1.0	0
119	ACL Semantics Between Social Commitments and Mental Attitudes. Lecture Notes in Computer Science, 2006, , 30-44.	1.0	7
120	Design by Contract Deontic Design Language for Multiagent Systems. Lecture Notes in Computer Science, 2006, , 170-182.	1.0	2
121	Formalisation and Analysis of the Temporal Dynamics of Conditioning. Lecture Notes in Computer Science, 2006, , 54-68.	1.0	5
122	Organizations as Socially Constructed Agents in the Agent Oriented Paradigm. Lecture Notes in Computer Science, 2005, , 1-13.	1.0	12
123	Interaction in Normative Multi-Agent Systems. Electronic Notes in Theoretical Computer Science, 2005, 141, 135-162.	0.9	10
124	Beliefs, obligations, intentions, and desires as components in an agent architecture. International Journal of Intelligent Systems, 2005, 20, 893-919.	3.3	18
125	How to decide what to do?. European Journal of Operational Research, 2005, 160, 762-784.	3.5	23
126	Permission and authorization in normative multiagent systems. , 2005, , .		17

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127	Enforceable social laws. , 2005, , .		15
128	Algorithms for a Nonmonotonic Logic of Preferences. Lecture Notes in Computer Science, 2005, , 281-292.	1.0	12
129	Normative Multiagent Systems and Trust Dynamics. Lecture Notes in Computer Science, 2005, , 1-17.	1.0	15
130	Inferring Trust. Lecture Notes in Computer Science, 2005, , 144-160.	1.0	12
131	Argumentation for Access Control. Lecture Notes in Computer Science, 2005, , 86-97.	1.0	7
132	Permission and Authorization in Policies for Virtual Communities of Agents. Lecture Notes in Computer Science, 2005, , 86-97.	1.0	6
133	Preferences of Agents in Defeasible Logic. Lecture Notes in Computer Science, 2005, , 695-704.	1.0	12
134	Games for Cognitive Agents. Lecture Notes in Computer Science, 2004, , 5-17.	1.0	0
135	Attributing mental attitudes to roles. , 2004, , .		6
136	CONCEPTS FOR MODELING ENTERPRISE ARCHITECTURES. International Journal of Cooperative Information Systems, 2004, 13, 257-287.	0.6	134
137	Specifying Multiagent Organizations. Lecture Notes in Computer Science, 2004, , 243-257.	1.0	9
138	Î”: The Social Delegation Cycle. Lecture Notes in Computer Science, 2004, , 29-42.	1.0	9
139	Permission from an Input/Output Perspective. Journal of Philosophical Logic, 2003, 32, 391-416.	0.6	97
140	What an Agent Ought To Do. Artificial Intelligence and Law, 2003, 11, 45-61.	3.0	5
141	Contextual Deontic Logic: Normative Agents, Violations and Independence. Annals of Mathematics and Artificial Intelligence, 2003, 37, 33-63.	0.9	29
142	Permissions and obligations in hierarchical normative systems. , 2003, , .		58
143	Attributing mental attitudes to normative systems. , 2003, , .		25
144	Rational norm creation. , 2003, , .		8

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145	Decentralized Control. Lecture Notes in Computer Science, 2003, , 618-622.	1.0	3
146	Obligations as Social Constructs. Lecture Notes in Computer Science, 2003, , 27-38.	1.0	7
147	Realistic desires. Journal of Applied Non-Classical Logics, 2002, 12, 287-308.	0.4	10
148	Utilitarian Desires. Autonomous Agents and Multi-Agent Systems, 2002, 5, 329-363.	1.3	64
149	An Extension of BDICTL with Functional Dependencies and Components. Lecture Notes in Computer Science, 2002, , 115-129.	1.0	4
150	Trust and Commitment in Dynamic Logic. Lecture Notes in Computer Science, 2002, , 677-684.	1.0	8
151	Specifying the Merging of Desires into Goals in the Context of Beliefs. Lecture Notes in Computer Science, 2002, , 824-831.	1.0	8
152	Constraints for Input/Output Logics. Journal of Philosophical Logic, 2001, 30, 155-185.	0.6	120
153	Parameters for Utilitarian Desires in a Qualitative Decision Theory. Applied Intelligence, 2001, 14, 285-301.	3.3	31
154	Negotiation protocols and dialogue games. , 2001, , .		26
155	The BOID architecture. , 2001, , .		152
156	Dynamic Normative Reasoning under Uncertainty: How to Distinguish between Obligations under Uncertainty and Prima Facie Obligations. , 2001, , 267-297.		4
157	Input/Output Logics. Journal of Philosophical Logic, 2000, 29, 383-408.	0.6	205
158	Contrary-to-duty reasoning with preference-based dyadic obligations. Annals of Mathematics and Artificial Intelligence, 1999, 27, 49-78.	0.9	49
159	Diagnosis and decision making in normative reasoning. Artificial Intelligence and Law, 1999, 7, 51-67.	3.0	30
160	Violation Contexts and Deontic Independence. Lecture Notes in Computer Science, 1999, , 361-374.	1.0	1