

# 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

304368

22  
h-index

276539

41  
g-index

187  
all docs

187  
docs citations

187  
times ranked

1034  
citing authors

#	ARTICLE	IF	CITATIONS
1	Input/Output Logics. <i>Journal of Philosophical Logic</i> , 2000, 29, 383-408.	0.6	205
2	The BOID architecture. , 2001, , .		152
3	Introduction to normative multiagent systems. <i>Computational and Mathematical Organization Theory</i> , 2006, 12, 71-79.	1.5	138
4	CONCEPTS FOR MODELING ENTERPRISE ARCHITECTURES. <i>International Journal of Cooperative Information Systems</i> , 2004, 13, 257-287.	0.6	134
5	Constraints for Input/Output Logics. <i>Journal of Philosophical Logic</i> , 2001, 30, 155-185.	0.6	120
6	Permission from an Input/Output Perspective. <i>Journal of Philosophical Logic</i> , 2003, 32, 391-416.	0.6	97
7	Introduction to the special issue on normative multiagent systems. <i>Autonomous Agents and Multi-Agent Systems</i> , 2008, 17, 1-10.	1.3	84
8	Utilitarian Desires. <i>Autonomous Agents and Multi-Agent Systems</i> , 2002, 5, 329-363.	1.3	64
9	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
10	Preference-based argumentation: Arguments supporting multiple values. <i>International Journal of Approximate Reasoning</i> , 2008, 48, 730-751.	1.9	60
11	Permissions and obligations in hierarchical normative systems. , 2003, , .		58
12	Contrary-to-duty reasoning with preference-based dyadic obligations. <i>Annals of Mathematics and Artificial Intelligence</i> , 1999, 27, 49-78.	0.9	49
13	Dynamics in Argumentation with Single Extensions: Abstraction Principles and the Grounded Extension. <i>Lecture Notes in Computer Science</i> , 2009, , 107-118.	1.0	48
14	The ontological properties of social roles in multi-agent systems: definitional dependence, powers and roles playing roles. <i>Artificial Intelligence and Law</i> , 2007, 15, 201-221.	3.0	42
15	On the Input/Output behavior of argumentation frameworks. <i>Artificial Intelligence</i> , 2014, 217, 144-197.	3.9	41
16	Parameters for Utilitarian Desires in a Qualitative Decision Theory. <i>Applied Intelligence</i> , 2001, 14, 285-301.	3.3	31
17	Meta-Argumentation Modelling I: Methodology and Techniques. <i>Studia Logica</i> , 2009, 93, 297-355.	0.4	31
18	More Attention and Less Repetitive and Stereotyped Behaviors using a Robot with Children with Autism. , 2018, , .		31

#	ARTICLE	IF	CITATIONS
19	Interaction between Objects in powerJava.. Journal of Object Technology, 2007, 6, 5.	0.8	31
20	Diagnosis and decision making in normative reasoning. Artificial Intelligence and Law, 1999, 7, 51-67.	3.0	30
21	Substantive and procedural norms in normative multiagent systems. Journal of Applied Logic, 2008, 6, 152-171.	1.1	30
22	Contextual Deontic Logic: Normative Agents, Violations and Independence. Annals of Mathematics and Artificial Intelligence, 2003, 37, 33-63.	0.9	29
23	Roles as a Coordination Construct: Introducing powerJava. Electronic Notes in Theoretical Computer Science, 2006, 150, 9-29.	0.9	28
24	Institutions with a hierarchy of authorities in distributed dynamic environments. Artificial Intelligence and Law, 2008, 16, 53-71.	3.0	27
25	Judgment aggregation rules based on minimization. , 2011, , .		27
26	A Logical Theory about Dynamics in Abstract Argumentation. Lecture Notes in Computer Science, 2013, , 148-161.	1.0	27
27	Negotiation protocols and dialogue games. , 2001, , .		26
28	An architecture of a normative system. , 2006, , .		26
29	Attributing mental attitudes to normative systems. , 2003, , .		25
30	How to decide what to do?. European Journal of Operational Research, 2005, 160, 762-784.	3.5	23
31	Designing normative theories for ethical and legal reasoning: LogiKey framework, methodology, and tool support. Artificial Intelligence, 2020, 287, 103348.	3.9	23
32	NORM NEGOTIATION IN MULTIAGENT SYSTEMS. International Journal of Cooperative Information Systems, 2007, 16, 97-122.	0.6	22
33	Modelling defeasible and prioritized support in bipolar argumentation. Annals of Mathematics and Artificial Intelligence, 2012, 66, 163-197.	0.9	22
34	A socio-cognitive model of trust using argumentation theory. International Journal of Approximate Reasoning, 2013, 54, 541-559.	1.9	22
35	Managing legal interpretation in regulatory compliance. , 2013, , .		22
36	Constitutive Norms in the Design of Normative Multiagent Systems. Lecture Notes in Computer Science, 2006, , 303-319.	1.0	20

#	ARTICLE	IF	CITATIONS
37	Reasoning with various kinds of preferences: logic, non-monotonicity, and algorithms. <i>Annals of Operations Research</i> , 2008, 163, 89-114.	2.6	19
38	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
39	Beliefs, obligations, intentions, and desires as components in an agent architecture. <i>International Journal of Intelligent Systems</i> , 2005, 20, 893-919.	3.3	18
40	Coordination and Organization. <i>Electronic Notes in Theoretical Computer Science</i> , 2006, 150, 3-20.	0.9	18
41	Commitments and interaction norms in organisations. <i>Autonomous Agents and Multi-Agent Systems</i> , 2017, 31, 207-249.	1.3	18
42	A Foundational Ontology of Organizations and Roles. <i>Lecture Notes in Computer Science</i> , 2006, , 78-88.	1.0	18
43	Permission and authorization in normative multiagent systems. , 2005, , .		17
44	Reasoning about Constitutive Norms, Counts-As Conditionals, Institutions, Deadlines and Violations. <i>Lecture Notes in Computer Science</i> , 2008, , 86-97.	1.0	17
45	A Logical Architecture of a Normative System. <i>Lecture Notes in Computer Science</i> , 2006, , 24-35.	1.0	16
46	Enforceable social laws. , 2005, , .		15
47	Normative Multiagent Systems and Trust Dynamics. <i>Lecture Notes in Computer Science</i> , 2005, , 1-17.	1.0	15
48	Social Viewpoints for Arguing about Coalitions. <i>Lecture Notes in Computer Science</i> , 2008, , 66-77.	1.0	15
49	Fibred Security Language. <i>Studia Logica</i> , 2009, 92, 395-436.	0.4	14
50	A critical analysis of legal requirements engineering from the perspective of legal practice. , 2014, , .		14
51	Building Jiminy Cricket. , 2019, , .		14
52	How to Program Organizations and Roles in the JADE Framework. <i>Lecture Notes in Computer Science</i> , 2008, , 25-36.	1.0	14
53	A dynamic logic for privacy compliance. <i>Artificial Intelligence and Law</i> , 2011, 19, 187-231.	3.0	13
54	Organizations as Socially Constructed Agents in the Agent Oriented Paradigm. <i>Lecture Notes in Computer Science</i> , 2005, , 1-13.	1.0	12

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55	Algorithms for a Nonmonotonic Logic of Preferences. Lecture Notes in Computer Science, 2005, , 281-292.	1.0	12
56	Inferring Trust. Lecture Notes in Computer Science, 2005, , 144-160.	1.0	12
57	Preferences of Agents in Defeasible Logic. Lecture Notes in Computer Science, 2005, , 695-704.	1.0	12
58	An Attacker Model for Normative Multi-agent Systems. Lecture Notes in Computer Science, 2007, , 42-51.	1.0	12
59	Convivial Ambient Technologies: Requirements, Ontology and Design. Computer Journal, 2010, 53, 1229-1256.	1.5	11
60	Reasoning in Non-probabilistic Uncertainty: Logic Programming and Neural-Symbolic Computing as Examples. Minds and Machines, 2017, 27, 37-77.	2.7	11
61	Arguing about the Trustworthiness of the Information Sources. Lecture Notes in Computer Science, 2011, , 74-85.	1.0	11
62	Realistic desires. Journal of Applied Non-Classical Logics, 2002, 12, 287-308.	0.4	10
63	Interaction in Normative Multi-Agent Systems. Electronic Notes in Theoretical Computer Science, 2005, 141, 135-162.	0.9	10
64	Bridging Agent Theory and Object Orientation: Importing Social Roles in Object Oriented Languages. Lecture Notes in Computer Science, 2006, , 57-75.	1.0	10
65	Role-based semantics for agent communication. , 2006, , .		9
66	Privacy Policies with Modal Logic: The Dynamic Turn. Lecture Notes in Computer Science, 2010, , 196-213.	1.0	9
67	Populating legal ontologies using semantic role labeling. Artificial Intelligence and Law, 2021, 29, 171-211.	3.0	9
68	Specifying Multiagent Organizations. Lecture Notes in Computer Science, 2004, , 243-257.	1.0	9
69	î”: The Social Delegation Cycle. Lecture Notes in Computer Science, 2004, , 29-42.	1.0	9
70	Lex Minus Dixit Quam Voluit, Lex Magis Dixit Quam Voluit: A Formal Study on Legal Compliance and Interpretation. Lecture Notes in Computer Science, 2010, , 162-183.	1.0	9
71	Rational norm creation. , 2003, , .		8
72	Interaction among objects via roles. , 2006, , .		8

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73	Formal analysis of trace conditioning. <i>Cognitive Systems Research</i> , 2007, 8, 36-47.	1.9	8
74	On the Acceptability of Meta-arguments. , 2009, , .		8
75	The pragmatic oddity in norm-based deontic logics. , 2017, , .		8
76	Prioritized norms in formal argumentation. <i>Journal of Logic and Computation</i> , 2019, 29, 215-240.	0.5	8
77	Modelling the Interaction Between Objects: Roles as Affordances. <i>Lecture Notes in Computer Science</i> , 2006, , 42-54.	1.0	8
78	Trust and Commitment in Dynamic Logic. <i>Lecture Notes in Computer Science</i> , 2002, , 677-684.	1.0	8
79	Specifying the Merging of Desires into Goals in the Context of Beliefs. <i>Lecture Notes in Computer Science</i> , 2002, , 824-831.	1.0	8
80	â€œSing and Dance!â€• <i>Lecture Notes in Computer Science</i> , 2014, , 149-165.	1.0	8
81	A Complete Conclusion-Based Procedure for Judgment Aggregation. <i>Lecture Notes in Computer Science</i> , 2009, , 1-13.	1.0	8
82	Multi-sorted Argumentation. <i>Lecture Notes in Computer Science</i> , 2012, , 215-231.	1.0	8
83	Intuitionistic Basis for Input/Output Logic. <i>Outstanding Contributions To Logic</i> , 2014, , 263-286.	0.2	8
84	Norm negotiation in online multi-player games. <i>Knowledge and Information Systems</i> , 2009, 18, 137-156.	2.1	7
85	Ten Problems of Deontic Logic and Normative Reasoning in Computer Science. <i>Lecture Notes in Computer Science</i> , 2012, , 55-88.	1.0	7
86	AGM Contraction and Revision of Rules. <i>Journal of Logic, Language and Information</i> , 2016, 25, 273-297.	0.4	7
87	A partial taxonomy of judgment aggregation rules and their properties. <i>Social Choice and Welfare</i> , 2017, 48, 327-356.	0.4	7
88	Argumentation for Access Control. <i>Lecture Notes in Computer Science</i> , 2005, , 86-97.	1.0	7
89	Delegation of Power in Normative Multiagent Systems. <i>Lecture Notes in Computer Science</i> , 2006, , 36-52.	1.0	7
90	A Logic of Abstract Argumentation. <i>Lecture Notes in Computer Science</i> , 2006, , 29-41.	1.0	7

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91	On the Acceptability of Incompatible Arguments. Lecture Notes in Computer Science, 2007, , 247-258.	1.0	7
92	Obligations as Social Constructs. Lecture Notes in Computer Science, 2003, , 27-38.	1.0	7
93	ACL Semantics Between Social Commitments and Mental Attitudes. Lecture Notes in Computer Science, 2006, , 30-44.	1.0	7
94	Attributing mental attitudes to roles. , 2004, , .		6
95	Deontic Redundancy: A Fundamental Challenge for Deontic Logic. Lecture Notes in Computer Science, 2010, , 11-32.	1.0	6
96	Permission and Authorization in Policies for Virtual Communities of Agents. Lecture Notes in Computer Science, 2005, , 86-97.	1.0	6
97	Prescriptive and Descriptive Obligations in Dynamic Epistemic Deontic Logic. Lecture Notes in Computer Science, 2010, , 150-161.	1.0	6
98	Group Intention Is Social Choice with Commitment. Lecture Notes in Computer Science, 2011, , 152-171.	1.0	6
99	Monitoring Interaction in Organisations. Lecture Notes in Computer Science, 2013, , 17-34.	1.0	6
100	What an Agent Ought To Do. Artificial Intelligence and Law, 2003, 11, 45-61.	3.0	5
101	Algorithms for finding coalitions exploiting a new reciprocity condition. Logic Journal of the IGPL, 2009, 17, 273-297.	1.3	5
102	Rewriting Rules for the Computation of Goal-Oriented Changes in an Argumentation System. Lecture Notes in Computer Science, 2013, , 51-68.	1.0	5
103	Expectation: Personalized Explainable Artificial Intelligence for Decentralized Agents with Heterogeneous Knowledge. Lecture Notes in Computer Science, 2021, , 331-343.	1.0	5
104	Formalisation and Analysis of the Temporal Dynamics of Conditioning. Lecture Notes in Computer Science, 2006, , 54-68.	1.0	5
105	Bridging Agent Theory and Object Orientation: Agent-Like Communication Among Objects. Lecture Notes in Computer Science, 2007, , 149-164.	1.0	5
106	Combining fuzzy logic and formal argumentation for legal interpretation. , 2017, , .		4
107	Arguing about constitutive and regulative norms. Journal of Applied Non-Classical Logics, 2018, 28, 189-217.	0.4	4
108	An Extension of BDICTL with Functional Dependencies and Components. Lecture Notes in Computer Science, 2002, , 115-129.	1.0	4

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109	Combining Constitutive and Regulative Norms in Input/Output Logic. Lecture Notes in Computer Science, 2014, , 241-257.	1.0	4
110	Persistence and Monotony Properties of Argumentation Semantics. Lecture Notes in Computer Science, 2015, , 211-225.	1.0	4
111	Relationships Meet Their Roles in Object Oriented Programming. Lecture Notes in Computer Science, 2007, , 440-448.	1.0	4
112	Dynamics in Delegation and Revocation Schemes: A Logical Approach. Lecture Notes in Computer Science, 2011, , 90-105.	1.0	4
113	Visualizing Normative Systems: An Abstract Approach. Lecture Notes in Computer Science, 2012, , 16-30.	1.0	4
114	Dynamic Normative Reasoning under Uncertainty: How to Distinguish between Obligations under Uncertainty and Prima Facie Obligations. , 2001, , 267-297.		4
115	A Deontic Logic Reasoning Infrastructure. Lecture Notes in Computer Science, 2018, , 60-69.	1.0	4
116	Decentralized Control. Lecture Notes in Computer Science, 2003, , 618-622.	1.0	3
117	The role of goals in belief selection. Logic Journal of the IGPL, 2010, 18, 559-578.	1.3	3
118	Time and defeasibility in FIPA ACL semantics. Journal of Applied Logic, 2011, 9, 274-288.	1.1	3
119	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
120	Algorithms for tractable compliance problems. Frontiers of Computer Science, 2015, 9, 55-74.	1.6	3
121	LogiKEy workbench: Deontic logics, logic combinations and expressive ethical and legal reasoning (Isabelle/HOL dataset). Data in Brief, 2020, 33, 106409.	0.5	3
122	Organizations in Artificial Social Systems. Lecture Notes in Computer Science, 2006, , 198-210.	1.0	3
123	Power in Norm Negotiation. Lecture Notes in Computer Science, 2007, , 436-446.	1.0	3
124	Discussion Paper: Changing Norms Is Changing Obligation Change. Lecture Notes in Computer Science, 2012, , 199-214.	1.0	3
125	Beyond Maxi-Consistent Argumentation Operators. Lecture Notes in Computer Science, 2012, , 424-436.	1.0	3
126	Argumentation Theoretic Foundations for Abstract Dependence Networks. Lecture Notes in Computer Science, 2013, , 180-194.	1.0	3



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127	From Classical to Non-monotonic Deontic Logic Using ASPIC $\mathcal{L}^+$ . Lecture Notes in Computer Science, 2019, , 71-85.	1.0	3
128	A Middleware for Modeling Organizations and Roles in Jade. Lecture Notes in Computer Science, 2010, , 100-117.	1.0	3
129	A principle-based robustness analysis of admissibility-based argumentation semantics. Argument and Computation, 2020, 11, 305-339.	0.7	3
130	Modeling Control Mechanisms with Normative Multiagent Systems: The Case of the Renewables Obligation. Lecture Notes in Computer Science, 2006, , 114-126.	1.0	2
131	Toward a Linguistic Interpretation of Deontic Paradoxes. Lecture Notes in Computer Science, 2014, , 108-123.	1.0	2
132	Preference Change Triggered by Belief Change: A Principled Approach. Lecture Notes in Computer Science, 2010, , 86-111.	1.0	2
133	Rules, Agents and Norms: Guidelines for Rule-Based Normative Multi-Agent Systems. Lecture Notes in Computer Science, 2011, , 52-66.	1.0	2
134	Design by Contract Deontic Design Language for Multiagent Systems. Lecture Notes in Computer Science, 2006, , 170-182.	1.0	2
135	Changing Institutional Goals and Beliefs of Autonomous Agents. Lecture Notes in Computer Science, 2008, , 78-85.	1.0	2
136	Attack-Defence Frameworks: Argumentation-Based Semantics for Attack-Defence Trees. Lecture Notes in Computer Science, 2020, , 143-165.	1.0	2
137	Violation games: a new foundation for deontic logic $\tilde{\mathcal{L}}$ ... Journal of Applied Non-Classical Logics, 2010, 20, 457-477.	0.4	1
138	Algorithms for Basic Compliance Problems. , 2013, , .		1
139	Intention as commitment toward time. Artificial Intelligence, 2020, 283, 103270.	3.9	1
140	Contextual Agent Deliberation in Defeasible Logic. Lecture Notes in Computer Science, 2009, , 98-109.	1.0	1
141	Interpretations of Support Among Arguments. Frontiers in Artificial Intelligence and Applications, 2020, , .	0.3	1
142	Conditional Dependence Networks in Requirements Engineering. Lecture Notes in Computer Science, 2010, , 3-18.	1.0	1
143	Norms and Argumentation. , 2013, , 233-249.		1
144	Violation Contexts and Deontic Independence. Lecture Notes in Computer Science, 1999, , 361-374.	1.0	1

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145	Modeling Relevant Legal Information for Consumer Disputes. Lecture Notes in Computer Science, 2016, , 150-165.	1.0	1
146	Games for Cognitive Agents. Lecture Notes in Computer Science, 2004, , 5-17.	1.0	0
147	Merging Optimistic and Pessimistic Preferences. , 2006, , .		0
148	Self Adaptive Coalitions in Multiagent Systems. , 2008, , .		0
149	Preface for Studia Logica Special Issue (2). Studia Logica, 2009, 93, 105-108.	0.4	0
150	A Satisficing Agreements Model. , 2011, , .		0
151	Preface to the Special Issue on Computational Logic in Multi-Agent Systems (CLIMA XII). Journal of Logic and Computation, 2014, 24, 1141-1144.	0.5	0
152	Preface to the Special Issue on Computational Logic in Multi-Agent Systems (CLIMA XIII). Journal of Logic and Computation, 2014, 24, 1251-1252.	0.5	0
153	Argumentation as Exogenous Coordination. Lecture Notes in Computer Science, 2018, , 208-223.	1.0	0
154	Permissions and Uncontrollable Propositions in DSDL3: Non-monotonicity and Algorithms. Lecture Notes in Computer Science, 2006, , 161-174.	1.0	0
155	Merging Roles in Coordination and in Agent Deliberation. Lecture Notes in Computer Science, 2009, , 62-73.	1.0	0
156	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
157	Changing Commitments Based on Reasons and Assumptions. Lecture Notes in Computer Science, 2014, , 291-310.	1.0	0
158	Architecture Analysis. The Enterprise Engineering Series, 2017, , 215-252.	0.1	0
159	Reuse and Reengineering of Non-ontological Resources in the Legal Domain. Lecture Notes in Computer Science, 2018, , 350-364.	1.0	0
160	A Dynamic Approach for Combining Abstract Argumentation Semantics. Logic in Asia: Studia Logica Library, 2019, , 21-43.	0.1	0