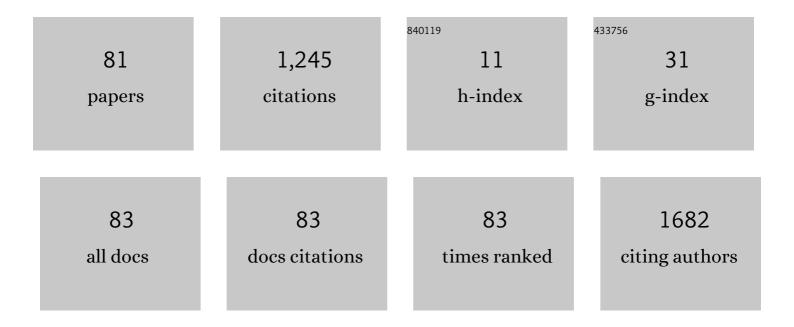
List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8880203/publications.pdf

Version: 2024-02-01



1Norm Conflict Identification Using a Convolutional Neural Network. Lecture Notes in Computer1.01.12Predicting Brain Age at Slice Level: Convolutional Neural Network and Consequences for1.8103Brainback: Developing a culture of open, inclusive, community driven neuroscience. Neuron, 2021, 109, 9.8274Visual Explanation for Identification of the Brain Bases for Developmental Dyelexis on fMRI Data.1.235Landmark-based approaches for goal recognition as planning. Artificial Intelligence, 2020, 279, 103217.3.0226Lafkee: Recognition Colls in Latent Space (Student Abstract). Proceedings of the AAAI Conference on3.617Using Self Attention LSTMs to Enhance Observations. In Coal Recognition., 2020,3.11410Object-Based Coal Recognition Using Real-World Data. Lecture Notes in Computer Science, 2020,1.0211Artensor Based Markov Decision Process Representation. Lecture Notes in Computer Science, 2020,1.0212Web Planner: A Tool to Develop, Visualize, and Test Classical Planning Domains., 2020,2.0313Simartic Attrachments for HIM Planning. Proceedings of the AAAI Conference on Artificial3.6114Simartic Attrachments of Develop, Visualize, and Test Classical Planning Domains., 2020, .209-227.1.0115BDI Agent Architectures A Survey., 2020,222316Attemation Neuroscience, 2020, 34, 9933-9940.2217GADIS A Cenetic Algorithm for Database Index Selector Offset., 2019,2 <th>#</th> <th>Article</th> <th>IF</th> <th>CITATIONS</th>	#	Article	IF	CITATIONS
2 Interpretability, Fröntiers in Psychiatry, 2021, 12, 598518. 13 13 13 13 3 Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. Neuron, 2021, 109, 13.8 27 4 Visual Explanation for Identification of the Brain Bases for Developmental Dyslexia on fMRI Data. 1.2 3 5 Landmark-based approaches for goal recognition as planning. Artificial Intelligence, 2020, 279, 103217. 3.0 22 6 LatRec: Recognizing Goals in Latent Space (Student Abstract). Proceedings of the AAAI Conference on 3.6 1 7 Using Self-Attention LSTMs to Enhance Observations in Goal Recognition., 2020,	1		1.0	1
3 1769-1775. 3.5 27 4 Vsual Explanation for Identification of the Brain Bases for Developmental Dyslexia on fMRI Data. 1.2 3 5 Landmark-based approaches for goal recognition as planning. Artificial Intelligence, 2020, 279, 103217. 3.9 22 6 LatRee: Recognizing Coals in Latent Space (Student Abstract). Proceedings of the AAAI Conference on 3.6 1 7 Using Self-Attention LSTMs to Enhance Observations in Coal Recognition., 2020, 3 3 14 8 Augmented Behavioral Cloning from Observations., 2020, 3 3 14 10 Object-Based Goal Recognition Using Real-World Data. Lecture Notes in Computer Science, 2020, 100 2 2 11 ATensor-Based Markov Decision Process Representation. Lecture Notes in Computer Science, 2020, 100 0 0 12 Web Planner: A Tool to Develop, Visualize, and Test Classical Planning Domains., 2020, 209-227. 1 1 13 Lsing Sub-Optimal Plan Detection to Identify Commitment Abandonment in Discrete Environments. 2.9 3 14 Intelligence, 2020, 34, 9933-9940. 3.6 1 15 BDI Agent Architectures: A Survey., 2020, 22 3 16 B	2	Predicting Brain Age at Slice Level: Convolutional Neural Networks and Consequences for Interpretability. Frontiers in Psychiatry, 2021, 12, 598518.	1.3	10
4 Frontiers in Computational Neuroscience, 2021, 15, 594659. 12 3 5 Landmark-based approaches for goal recognition as planning. Artificial intelligence, 2020, 279, 103217. 3.9 22 6 LatRec: Recognizing Coals in Latent Space (Student Abstract). Proceedings of the AAAI Conference on Artificial intelligence, 2020, 34, 13747-13748. 1 7 Using Self-Attention LSTMs to Enhance Observations in Coal Recognition., 2020, 1 8 Augmented Behavioral Cloning from Observation., 2020, 3 9 SmarttX: A database indexing agent based on reinforcement learning. Applied Intelligence, 2020, 50, 325752588. 3.3 14 10 Object-Based Coal Recognition Using Real-World Data. Lecture Notes in Computer Science, 2020, 10 2 11 A Tensor-Based Markov Decision Process Representation. Lecture Notes in Computer Science, 2020, 10 0 12 Web Planner: A Tool to Develop, Msualize, and Test Classical Planning Domains., 2020,, 209-227. 1 1 13 Jusing Sub-Optimal Plan Detection to Identify Commitment Abandonment in Discrete Environments. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-26. 2.9 3 14 Semantic Attachments for HTN Planning. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 9933-9940. 2	3		3.8	27
6 LatRec: Recognizing Coals in Latent Space (Student Abstract). Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 13747-13748. 1 7 Using Self-Attention LSTMs to Enhance Observations in Coal Recognition., 2020, . 1 8 Augmented Behavioral Cloning from Observation., 2020, . 3 9 SmartiX: A database indexing agent based on reinforcement learning. Applied Intelligence, 2020, 50. 3.3 14 10 Object-Based Coal Recognition Using Real-World Data. Lecture Notes in Computer Science, 2020, . 10 2 11 A Tensor-Based Markov Decision Process Representation. Lecture Notes in Computer Science, 2020, . 10 0 12 Web Planner: A Tool to Develop, Visualize, and Test Classical Planning Domains., 2020, .209-227. 10 1 13 Juing Sub-Optimal Plan Detection to Identify Commitment Abandonment in Discrete Environments. 2.9 3 14 Semantic Attachments for HTN Planning. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 9933-9940. 2 2 15 BDI Agent Architectures: A Survey, 2020, 22 2 2 16 Automating News Summarization with Sentence Vectors Offset., 2019, 2 2	4		1.2	3
artificial Intelligence, 2020, 34, 13747-13748. 3.6 1 vising Self-Attention LSTMs to Enhance Observations in Goal Recognition., 2020, 1 Augmented Behavioral Cloning from Observation., 2020, 3 smarttX: A database indexing agent based on reinforcement learning. Applied Intelligence, 2020, 50, 3.3 14 Object-Based Goal Recognition Using Real-World Data. Lecture Notes in Computer Science, 2020, 1.0 2 11 A Tensor-Based Markov Decision Process Representation. Lecture Notes in Computer Science, 2020, 1.0 0 12 Web Planner: A Tool to Develop, Visualize, and Test Classical Planning Domains., 2020, 209-227. 1 13 Luing Sub-Optimal Plan Detection to Identify Commitment Abandonment in Discrete Environments. 2.9 3 14 Semantic Attachments for HTN Planning. Proceedings of the AAAI Conference on Artificial 3.6 1 15 BDI Agent Architectures: A Survey., 2020, 22 16 Automating News Summarization with Sentence Vectors Offset., 2019, 0	5	Landmark-based approaches for goal recognition as planning. Artificial Intelligence, 2020, 279, 103217.	3.9	22
8 Augmented Behavioral Cloning from Observation., 2020,, 3 9 SmartLX: A database indexing agent based on reinforcement learning. Applied Intelligence, 2020, 50, 257-2588. 3.3 14 10 Object-Based Goal Recognition Using Real-World Data. Lecture Notes in Computer Science, 2020, , 1.0 2 11 A Tensor-Based Markov Decision Process Representation. Lecture Notes in Computer Science, 2020, , 209-227. 1.0 0 12 Web Planner: A Tool to Develop, Visualize, and Test Classical Planning Domains., 2020, 209-227. 1 1 13 Using Sub-Optimal Plan Detection to Identify Commitment Abandonment in Discrete Environments. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-26. 2.9 3 14 Semantic Attachments for HTN Planning. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 9933-9940. 3 2 15 BDI Agent Architectures: A Survey., 2020, 22 22 16 Automating News Summarization with Sentence Vectors Offset., 2019, 0	6	LatRec: Recognizing Goals in Latent Space (Student Abstract). Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 13747-13748.	3.6	1
oSmartlX: A database indexing agent based on reinforcement learning. Applied Intelligence, 2020, 50, 2575-2588.3.31410Object-Based Goal Recognition Using Real-World Data. Lecture Notes in Computer Science, 2020, 313-324.1.0211A Tensor-Based Markov Decision Process Representation. Lecture Notes in Computer Science, 2020, 313-324.1.0012Web Planner: A Tool to Develop, Visualize, and Test Classical Planning Domains., 2020, 209-227.1113Using Sub-Optimal Plan Detection to Identify Commitment Abandonment in Discrete Environments. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-26.2.9314Semantic Attachments for HTN Planning. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 9933-9940.2215BDI Agent Architectures: A Survey., 2020,2216Automating News Summarization with Sentence Vectors Offset., 2019,0	7	Using Self-Attention LSTMs to Enhance Observations in Goal Recognition. , 2020, , .		1
92575-2588.1410Object-Based Goal Recognition Using Real-World Data. Lecture Notes in Computer Science, 2020, , 312-337.1.0211A Tensor-Based Markov Decision Process Representation. Lecture Notes in Computer Science, 2020, , 313-324.1.0012Web Planner: A Tool to Develop, Visualize, and Test Classical Planning Domains. , 2020, , 209-227.113Using Sub-Optimal Plan Detection to Identify Commitment Abandonment in Discrete Environments. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-26.2.9314Semantic Attachments for HTN Planning. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 9933-9940.3.6115BDI Agent Architectures: A Survey. , 2020, ,2216Automating News Summarization with Sentence Vectors Offset. , 2019, ,.0	8	Augmented Behavioral Cloning from Observation. , 2020, , .		3
10 325-337. 1.0 2 11 A Tensor-Based Markov Decision Process Representation. Lecture Notes in Computer Science, 2020, , 1.0 0 12 Web Planner: A Tool to Develop, Visualize, and Test Classical Planning Domains. , 2020, , 209-227. 1 13 Using Sub-Optimal Plan Detection to Identify Commitment Abandonment in Discrete Environments. 2.9 3 14 Semantic Attachments for HTN Planning. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 9933-9940. 3.6 1 15 BDI Agent Architectures: A Survey. , 2020, 22 0 16 Automating News Summarization with Sentence Vectors Offset. , 2019, , 0	9	SmartIX: A database indexing agent based on reinforcement learning. Applied Intelligence, 2020, 50, 2575-2588.	3.3	14
11 313-324. 10 0 12 Web Planner: A Tool to Develop, Visualize, and Test Classical Planning Domains. , 2020, , 209-227. 1 13 Using Sub-Optimal Plan Detection to Identify Commitment Abandonment in Discrete Environments. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-26. 2.9 3 14 Semantic Attachments for HTN Planning. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 9933-9940. 3.6 1 15 BDI Agent Architectures: A Survey. , 2020, , . 22 22 16 Automating News Summarization with Sentence Vectors Offset. , 2019, , . 0	10	Object-Based Goal Recognition Using Real-World Data. Lecture Notes in Computer Science, 2020, , 325-337.	1.0	2
13 Using Sub-Optimal Plan Detection to Identify Commitment Abandonment in Discrete Environments. 2.9 3 14 Semantic Attachments for HTN Planning. Proceedings of the AAAI Conference on Artificial 3.6 1 15 BDI Agent Architectures: A Survey. , 2020, , . 22 16 Automating News Summarization with Sentence Vectors Offset. , 2019, , . 0	11		1.0	0
13 ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-26. 2.9 3 14 Semantic Attachments for HTN Planning. Proceedings of the AAAI Conference on Artificial 3.6 1 15 BDI Agent Architectures: A Survey. , 2020, , . 22 16 Automating News Summarization with Sentence Vectors Offset. , 2019, , . 0	12	Web Planner: A Tool to Develop, Visualize, and Test Classical Planning Domains. , 2020, , 209-227.		1
14 Intelligence, 2020, 34, 9933-9940. 3.6 1 15 BDI Agent Architectures: A Survey. , 2020, , . 22 16 Automating News Summarization with Sentence Vectors Offset. , 2019, , . 0	13	Using Sub-Optimal Plan Detection to Identify Commitment Abandonment in Discrete Environments. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-26.	2.9	3
16 Automating News Summarization with Sentence Vectors Offset. , 2019, , . 0	14		3.6	1
	15	BDI Agent Architectures: A Survey. , 2020, , .		22
17 GADIS: A Genetic Algorithm for Database Index Selection (S). , 2019, , . 4	16	Automating News Summarization with Sentence Vectors Offset. , 2019, , .		0
	17	GADIS: A Genetic Algorithm for Database Index Selection (S). , 2019, , .		4

18 Online Probabilistic Goal Recognition over Nominal Models. , 2019, , .

5

#	Article	IF	CITATIONS
19	Identification of autism spectrum disorder using deep learning and the ABIDE dataset. NeuroImage: Clinical, 2018, 17, 16-23.	1.4	594
20	Norm Conflict Identification using Vector Space Offsets. , 2018, , .		3
21	Goal Recognition in Latent Space. , 2018, , .		20
22	Q-Table compression for reinforcement learning. Knowledge Engineering Review, 2018, 33, .	2.1	2
23	Measuring Semantic Similarity Between Sentences Using A Siamese Neural Network. , 2018, , .		15
24	A Deep Learning Approach to Classify Aspect-Level Sentiment using Small Datasets. , 2018, , .		5
25	Team PUCRS: a decentralised multi-agent solution for the agents in the city scenario. International Journal of Agent Oriented Software Engineering, 2018, 6, 3.	0.1	2
26	GoCo: planning expressive commitment protocols. Autonomous Agents and Multi-Agent Systems, 2018, 32, 459-502.	1.3	5
27	An Operational Semantics for a Fragment of PRS. , 2018, , .		3
28	Predicting Plan Failure by Monitoring Action Sequences and Duration. Advances in Distributed Computing and Artificial Intelligence Journal, 2018, 6, 55-69.	1.1	2
29	Sensor Placement for Plan Monitoring Using Genetic Programming. Lecture Notes in Computer Science, 2018, , 544-551.	1.0	1
30	Norm Identification in Jason Using a Bayesian Approach. Lecture Notes in Computer Science, 2018, , 62-73.	1.0	0
31	Team PUCRS: a decentralised multi-agent solution for the agents in the city scenario. International Journal of Agent Oriented Software Engineering, 2018, 6, 3.	0.1	2
32	Norm conflict identification in contracts. Artificial Intelligence and Law, 2017, 25, 397-428.	3.0	10
33	Norm Conflict Identification Using Deep Learning. Lecture Notes in Computer Science, 2017, , 194-207.	1.0	3
34	Virtual guide dog: An application to support visually-impaired people through deep convolutional neural networks. , 2017, , .		17
35	Deep neural networks for kitchen activity recognition. , 2017, , .		23
36	Applying ontologies to the development and execution of Multi-Agent Systems. Web Intelligence, 2017, 15, 291-302.	0.1	8

#	Article	IF	CITATIONS
37	Predicting Plan Failure by Monitoring Action Sequences and Duration. Advances in Distributed Computing and Artificial Intelligence Journal, 2017, 6, 71-84.	1.1	8
38	NeuroView: a customizable browser-base utility. GigaScience, 2016, 5, .	3.3	0
39	Detecting task-based fMRI compliance using plan abandonment techniques. GigaScience, 2016, 5, .	3.3	2
40	Comparing Approaches to Subjectivity Classification: A Study on Portuguese Tweets. Lecture Notes in Computer Science, 2016, , 86-94.	1.0	6
41	Evaluating the SBR Algorithm Using Automatically Generated Plan Libraries. , 2016, , .		Ο
42	2015 Brainhack Proceedings. GigaScience, 2016, 5, 1-26.	3.3	72
43	Brainhack: a collaborative workshop for the open neuroscience community. GigaScience, 2016, 5, 16.	3.3	34
44	Task allocation for crowdsourcing using AI planning. , 2016, , .		15
45	Reinforcement Learning of Normative Monitoring Intensities. Lecture Notes in Computer Science, 2016, , 209-223.	1.0	1
46	Simulating Normative Behaviour in Multi-agent Environments Using Monitoring Artefacts. Lecture Notes in Computer Science, 2016, , 59-77.	1.0	0
47	Interfacing Belief-Desire-Intention Agent Systems with Geometric Reasoning for Robotics and Manufacturing. Studies in Computational Intelligence, 2016, , 179-188.	0.7	0
48	Automatic Generation of Plan Libraries for Plan Recognition Performance Evaluation. , 2015, , .		1
49	Planning in BDI agents: a survey of the integration of planning algorithms and agent reasoning. Knowledge Engineering Review, 2015, 30, 1-44.	2.1	42
50	Towards Practical Argumentation in Multi-agent Systems. , 2015, , .		8
51	Towards Integrating Ontologies in Multi-agent Programming Platforms. , 2015, , .		3
52	Integrating Ontologies with Multi-Agent Systems through CArtAgO Artifacts. , 2015, , .		9
53	Towards Practical Argumentation-Based Dialogues in Multi-agent Systems. , 2015, , .		9
54	BDI reasoning with normative considerations. Engineering Applications of Artificial Intelligence, 2015, 43, 127-146.	4.3	24

#	Article	IF	CITATIONS
55	Monitoring compliance with E-contracts and norms. Artificial Intelligence and Law, 2015, 23, 161-196.	3.0	8
56	Distributed fault diagnosis for multiple mobile robots using an agent programming language. , 2015, , .		6
57	Utilizing Permission Norms in BDI Practical Normative Reasoning. Lecture Notes in Computer Science, 2015, , 1-18.	1.0	2
58	A smart home model using JaCaMo framework. , 2014, , .		10
59	BioPlan: An API for Classical Planning on BioCrowds. , 2014, , .		0
60	Imperfect Norm Enforcement in Stochastic Environments: An Analysis of Efficiency and Cost Tradeoffs. Lecture Notes in Computer Science, 2014, , 523-535.	1.0	1
61	Semantic Representations of Agent Plans and Planning Problem Domains. Lecture Notes in Computer Science, 2014, , 351-366.	1.0	9
62	Probabilistic Plan Recognition for Proactive Assistant Agents. , 2014, , 275-288.		6
63	Declarative planning in procedural agent architectures. Expert Systems With Applications, 2013, 40, 6508-6520.	4.4	9
64	Prognostic normative reasoning. Engineering Applications of Artificial Intelligence, 2013, 26, 863-872.	4.3	11
65	Predictive indoor navigation using commercial smart-phones. , 2013, , .		14
66	Interaction Patterns in a Multi-Agent Organisation to Support Shared Tasks. Lecture Notes in Computer Science, 2013, , 364-370.	1.0	1
67	Alternatives to Threshold-Based Desire Selection in Bayesian BDI Agents. Lecture Notes in Computer Science, 2013, , 176-195.	1.0	2
68	Normative Agents. Law, Governance and Technology Series, 2013, , 209-220.	0.3	11
69	Applying electronic contracting to the aerospace aftercare domain. Engineering Applications of Artificial Intelligence, 2012, 25, 1471-1487.	4.3	15
70	Using Subjective Logic to Handle Uncertainty and Conflicts. , 2012, , .		7
71	Introduction to Prognostic Normative Reasoning. Lecture Notes in Computer Science, 2012, , 503-504.	1.0	1
72	Reports of the AAAI 2010 Fall Symposia. AI Magazine, 2011, 32, 93.	1.4	1

5

#	Article	IF	CITATIONS
73	Acting on Norm Constrained Plans. Lecture Notes in Computer Science, 2011, , 347-363.	1.0	14
74	Electronic Business Contracts Between Services. , 2010, , 732-747.		0
75	Leveraging New Plans in AgentSpeak(PL). Lecture Notes in Computer Science, 2009, , 111-127.	1.0	7
76	Composing High-Level Plans for Declarative Agent Programming. Lecture Notes in Computer Science, 2008, , 69-85.	1.0	13
77	Towards a Monitoring Framework for Agent-Based Contract Systems. Lecture Notes in Computer Science, 2008, , 292-305.	1.0	9
78	Motivations as an Abstraction of Meta-level Reasoning. Lecture Notes in Computer Science, 2007, , 204-214.	1.0	7
79	An agent model for fault-tolerant systems. , 2005, , .		3
80	Support for arbitrary regions in XSL-FO. , 2005, , .		0
81	Support for arbitrary regions in XSL-FO. , 2005, , .		4