Enric Plaza

List of Publications by Year
in descending order

74 papers	4,376 citations	430874 18 h-index	110387 64 g-index
79 all docs	79 docs citations	79 times ranked	2333 citing authors

#	Article	IF	Citations
1	Case-Based Reasoning: Foundational Issues, Methodological Variations, and System Approaches. AI Communications, 1994, 7, 39-59.	1.2	3,396
2	Representation in case-based reasoning. Knowledge Engineering Review, 2005, 20, 209-213.	2.6	92
3	The Unified Problem-Solving Method Development Language UPML. Knowledge and Information Systems, 2003, 5, 83-131.	3.2	57
4	Distributed case-based reasoning. Knowledge Engineering Review, 2005, 20, 261-265.	2.6	49
5	Cases as terms: A feature term approach to the structured representation of cases. Lecture Notes in Computer Science, 1995, , 265-276.	1.3	49
6	A computational framework for conceptual blending. Artificial Intelligence, 2018, 256, 105-129.	5.8	45
7	Similarity measures over refinement graphs. Machine Learning, 2012, 87, 57-92.	5.4	33
8	Cooperative Case-based Reasoning. Lecture Notes in Computer Science, 1997, , 180-201.	1.3	33
9	Case-Based Sequential Ordering of Songs for Playlist Recommendation. Lecture Notes in Computer Science, 2006, , 286-300.	1.3	32
10	Knowledge Based Systems Validation: A State of the Art. AI Communications, 1990, 3, 58-72.	1.2	31
11	Bottom-Up Induction of Feature Terms. Machine Learning, 2000, 41, 259-294.	5.4	30
12	Relational Case-based Reasoning for Carcinogenic Activity Prediction. Artificial Intelligence Review, 2003, 20, 121-141.	15.7	27
13	Learning and joint deliberation through argumentation in multiagent systems. , 2007, , .		27
14	KNOWLEDGE AND EXPERIENCE REUSE THROUGH COMMUNICATION AMONG COMPETENT (PEER) AGENTS. International Journal of Software Engineering and Knowledge Engineering, 1999, 09, 319-341.	0.8	26
15	The Explanatory Power of Symbolic Similarity in Case-Based Reasoning. Artificial Intelligence Review, 2005, 24, 145-161.	15.7	26
16	Case-based learning of plans and goal states in medical diagnosis. Artificial Intelligence in Medicine, 1997, 9, 29-60.	6.5	25
17	Ensemble Case-Based Reasoning: Collaboration Policies for Multiagent Cooperative CBR. Lecture Notes in Computer Science, 2001, , 437-451.	1.3	24
18	Constructive Adaptation. Lecture Notes in Computer Science, 2002, , 306-320.	1.3	22

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19	Upward refinement operators for conceptual blending in the description logic ? ? + + $mathcal {E}mathcal {L}^{++}$. Annals of Mathematics and Artificial Intelligence, 2018, 82, 69-99.	1.3	15
20	Case-based learning of strategic knowledge. Lecture Notes in Computer Science, 1991, , 398-411.	1.3	14
21	Inference and reflection in the object-centered representation language NOOS. Future Generation Computer Systems, 1996, 12, 173-188.	7.5	14
22	Amalgams: A Formal Approach for Combining Multiple Case Solutions. Lecture Notes in Computer Science, 2010, , 257-271.	1.3	14
23	Similarity Assessment for Relational CBR. Lecture Notes in Computer Science, 2001, , 44-58.	1.3	13
24	Learning When to Collaborate among Learning Agents. Lecture Notes in Computer Science, 2001, , 394-405.	1.3	13
25	On the importance of similitude: An entropy-based assessment. Lecture Notes in Computer Science, 1996, , 324-338.	1.3	10
26	Collaborative Case Retention Strategies for CBR Agents. Lecture Notes in Computer Science, 2003, , 392-406.	1.3	10
27	Measuring Similarity in Description Logics Using Refinement Operators. Lecture Notes in Computer Science, 2011, , 289-303.	1.3	10
28	A bartering approach to improve multiagent learning. , 2002, , .		9
29	ASP, Amalgamation, and the Conceptual Blending Workflow. Lecture Notes in Computer Science, 2015, , 309-316.	1.3	9
30	On Similarity Measures Based on a Refinement Lattice. Lecture Notes in Computer Science, 2009, , 240-255.	1.3	9
31	An infrastructure for agent-based systems: An interagent approach. International Journal of Intelligent Systems, 2000, 15, 217-240.	5.7	8
32	Refinement-Based Similarity Measure over DL Conjunctive Queries. Lecture Notes in Computer Science, 2013, , 270-284.	1.3	8
33	Competing agents in agent-mediated institutions. Personal and Ubiquitous Computing, 1998, 2, 212-220.	0.6	7
34	Arguments and Counterexamples in Case-Based Joint Deliberation. , 2006, , 36-53.		7
35	Discovery of Toxicological Patterns with Lazy Learning. Lecture Notes in Computer Science, 2003, , 919-926.	1.3	7
36	An Argumentation-Based Framework for Deliberation in Multi-agent Systems. , 2007, , 178-196.		7

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37	Domain-Independent Ontologies for Cooperative Information Agents. Lecture Notes in Computer Science, 2001, , 118-129.	1.3	7
38	The VALID project: Goals, development, and results. International Journal of Intelligent Systems, 1994, 9, 867-892.	5.7	6
39	CONTEXT AWARE PERSONAL INFORMATION AGENTS. International Journal of Cooperative Information Systems, 2002, 11, 245-264.	0.8	6
40	Learning collaboration strategies for committees of learning agents. Autonomous Agents and Multi-Agent Systems, 2006, 13, 429-461.	2.1	6
41	A defeasible reasoning model of inductive concept learning from examples and communication. Artificial Intelligence, 2012, 193, 129-148.	5.8	6
42	Coordinated inductive learning using argumentation-based communication. Autonomous Agents and Multi-Agent Systems, 2015, 29, 266-304.	2.1	6
43	Cooperative Reuse for Compositional Cases in Multi-agent Systems. Lecture Notes in Computer Science, 2005, , 382-396.	1.3	6
44	On Knowledge Transfer in Case-Based Inference. Lecture Notes in Computer Science, 2012, , 312-326.	1.3	6
45	Recycling data for multi-agent learning. , 2005, , .		6
46	Towards a model of creative understanding: deconstructing and recreating conceptual blends using image schemas and qualitative spatial descriptors. Annals of Mathematics and Artificial Intelligence, 2020, 88, 457-477.	1.3	5
47	Components for Case-Based Reasoning Systems. Lecture Notes in Computer Science, 2002, , 1-16.	1.3	5
48	Noticeably New: Case Reuse in Originality-Driven Tasks. Lecture Notes in Computer Science, 2008, , 165-179.	1.3	5
49	Towards a computational- and algorithmic-level account of concept blending using analogies and amalgams. Connection Science, 2017, 29, 387-413.	3.0	4
50	A uniform model of computational conceptual blending. Cognitive Systems Research, 2021, 65, 118-137.	2.7	4
51	Justification-Based Case Retention. Lecture Notes in Computer Science, 2004, , 346-360.	1.3	4
52	Conversation Protocols: Modeling and Implementing Conversations in Agent-Based Systems. Lecture Notes in Computer Science, 2000, , 249-263.	1.3	4
53	Knowledge engineering for a document retrieval system. Fuzzy Sets and Systems, 1990, 38, 223-240.	2.7	3
54	PROBLEM-SOLVING METHODS AND COOPERATIVE INFORMATION AGENTS. International Journal of Cooperative Information Systems, 2002, 11, 329-354.	0.8	3

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55	An argumentation framework for learning, information exchange, and joint-deliberation in multi-agent systems1. Multiagent and Grid Systems, 2011, 7, 95-108.	0.9	3
56	Refinement-based disintegration: An approach to re-representation in relational learning. AI Communications, 2015, 28, 35-46.	1.2	3
57	Remembering Similitude Terms in CBR. , 2003, , 121-130.		3
58	Lazy Learning for Predictive Toxicology based on a Chemical Ontology. , 2004, , 1-18.		3
59	An Ontological Approach to Represent Molecular Structure Information. Lecture Notes in Computer Science, 2005, , 294-304.	1.3	2
60	Concept Convergence in Empirical Domains. Lecture Notes in Computer Science, 2010, , 281-295.	1.3	2
61	Justification-Based Selection of Training Examples for Case Base Reduction. Lecture Notes in Computer Science, 2004, , 310-321.	1.3	2
62	Explanation-based learning: A knowledge level analysis. Artificial Intelligence Review, 1995, 9, 19-35.	15.7	1
63	Measuring similarity of individuals in description logics over the refinement space of conjunctive queries. Journal of Intelligent Information Systems, 2016, 47, 447-467.	3.9	1
64	On argument bundles in the Web of Experiences. AI Communications, 2017, 30, 235-249.	1.2	1
65	Image Schemas and Conceptual Blending in Diagrammatic Reasoning: The Case ofÂHasse Diagrams. Lecture Notes in Computer Science, 2021, , 297-314.	1.3	1
66	Context Aware Agents for Personal Information Services. Lecture Notes in Computer Science, 2001, , 44-55.	1.3	1
67	Case Exchange Strategies in Multiagent Learning. Lecture Notes in Computer Science, 2002, , 331-344.	1.3	1
68	Multiple-Instance Case-Based Learning for Predictive Toxicology. Lecture Notes in Computer Science, 2004, , 206-220.	1.3	1
69	Learning, Information Exchange, and Joint-Deliberation through Argumentation in Multi-agent Systems. Lecture Notes in Computer Science, 2008, , 150-159.	1.3	1
70	Report on the Twentyâ€Second International Conference on Caseâ€Based Reasoning. AI Magazine, 2015, 36, 88-89.	1.6	0
71	Chapter 2 Computational Aspects of Concept Invention. Computational Synthesis and Creative Systems, 2018, , 31-67.	1.1	0
72	Special issue on logics and artificial intelligence. Logic Journal of the IGPL, 2021, 29, 1-6.	1.5	0

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73	A Case-Based Approach to Mutual Adaptation of Taxonomic Ontologies. Lecture Notes in Computer Science, 2012, , 226-240.	1.3	0
74	Argument-Based Case Revision in CBR for Story Generation. Lecture Notes in Computer Science, 2015, , 290-305.	1.3	0