

Gianluigi Greco

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

1,506
citations

471371

17
h-index

395590

33
g-index

103
all docs

103
docs citations

103
times ranked

740
citing authors

#	ARTICLE	IF	CITATIONS
1	Answers set programs for non-transferable utility games: Expressiveness, complexity and applications. <i>Artificial Intelligence</i> , 2022, 302, 103606.	3.9	1
2	Nutrition Education Program and Physical Activity Improve the Adherence to the Mediterranean Diet: Impact on Inflammatory Biomarker Levels in Healthy Adolescents From the DIMENU Longitudinal Study. <i>Frontiers in Nutrition</i> , 2021, 8, 685247.	1.6	13
3	Coalitional games induced by matching problems: Complexity and islands of tractability for the Shapley value. <i>Artificial Intelligence</i> , 2020, 278, 103180.	3.9	4
4	On the complexity of reasoning about opinion diffusion under majority dynamics. <i>Artificial Intelligence</i> , 2020, 284, 103288.	3.9	4
5	FD-VAE: A Feature Driven VAE Architecture for Flexible Synthetic Data Generation. <i>Lecture Notes in Computer Science</i> , 2020, , 188-197.	1.0	3
6	The Complexity of Computing Maximin Share Allocations on Graphs. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020, 34, 2006-2013.	3.6	5
7	Control-Flow Business Process Summarization via Activity Contraction. <i>Lecture Notes in Computer Science</i> , 2019, , 238-248.	1.0	0
8	Tree projections and constraint optimization problems: Fixed-parameter tractability and parallel algorithms. <i>Journal of Computer and System Sciences</i> , 2018, 94, 11-40.	0.9	4
9	Coalition formation in social environments with logic-based agents ¹ . <i>AI Communications</i> , 2018, 31, 383-407.	0.8	1
10	Constrained coalition formation on valuation structures: Formal framework, applications, and islands of tractability. <i>Artificial Intelligence</i> , 2017, 249, 19-46.	3.9	12
11	Greedy strategies and larger islands of tractability for conjunctive queries and constraint satisfaction problems. <i>Information and Computation</i> , 2017, 252, 201-220.	0.5	10
12	The Power of Local Consistency in Conjunctive Queries and Constraint Satisfaction Problems. <i>SIAM Journal on Computing</i> , 2017, 46, 1111-1145.	0.8	10
13	Coalition Formation with Logic-Based Agents. <i>Lecture Notes in Computer Science</i> , 2017, , 455-469.	1.0	1
14	Hypertree Decompositions. , 2016, , .		45
15	Characteristic function games with restricted agent interactions: Core-stability and coalition structures. <i>Artificial Intelligence</i> , 2016, 232, 76-113.	3.9	25
16	Process Discovery under Precedence Constraints. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2015, 9, 1-39.	2.5	27
17	The Complexity of the Nucleolus in Compact Games. <i>ACM Transactions on Computation Theory</i> , 2015, 7, 1-52.	0.4	6
18	Treewidth and Hypertree Width. , 2014, , 3-38.		11

#	ARTICLE	IF	CITATIONS
19	Counting solutions to conjunctive queries. , 2014, , .		7
20	Tree projections and structural decomposition methods: Minimality and game-theoretic characterization. Theoretical Computer Science, 2014, 522, 95-114.	0.5	4
21	Structural tractability of enumerating CSP solutions. Constraints, 2013, 18, 38-74.	0.4	11
22	The complexity of mixed multi-unit combinatorial auctions: Tractability under structural and qualitative restrictions. Artificial Intelligence, 2013, 196, 1-25.	3.9	9
23	Frequency-based similarity for parameterized sequences: Formal framework, algorithms, and applications. Information Sciences, 2013, 237, 176-195.	4.0	8
24	Methods and techniques for discovering taxonomies of behavioral process models. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2013, 3, 170-189.	4.6	0
25	Decomposing combinatorial auctions and set packing problems. Journal of the ACM, 2013, 60, 1-39.	1.8	14
26	Fair division rules for funds distribution: The case of the Italian Research Assessment Program (VQR) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	5
27	Magic Sets for disjunctive Datalog programs. Artificial Intelligence, 2012, 187-188, 156-192.	3.9	27
28	Simulations on workflow management systems: A framework based on event choice datalog. Intelligenza Artificiale, 2011, 5, 189-206.	1.0	1
29	Mining usage scenarios in business processes: Outlier-aware discovery and run-time prediction. Data and Knowledge Engineering, 2011, 70, 1005-1029.	2.1	54
30	On the complexity of core, kernel, and bargaining set. Artificial Intelligence, 2011, 175, 1877-1910.	3.9	30
31	H-DB. , 2011, , .		8
32	Boosting tuple propagation in multi-relational classification. , 2011, , .		1
33	Dynamic Magic Sets for Programs with Monotone Recursive Aggregates. Lecture Notes in Computer Science, 2011, , 148-160.	1.0	5
34	L-SME: A System for Mining Loosely Structured Motifs. Lecture Notes in Computer Science, 2011, , 621-625.	1.0	0
35	Detecting and repairing anomalous evolutions in noisy environments. Annals of Mathematics and Artificial Intelligence, 2010, 60, 179-228.	0.9	0
36	On the power of structural decompositions of graph-based representations of constraint problems. Artificial Intelligence, 2010, 174, 382-409.	3.9	8

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37	Scalable parallel co-clustering over multiple heterogeneous data types. , 2010, , .		4
38	The power of tree projections. , 2010, , .		10
39	Cocustering Multiple Heterogeneous Domains: Linear Combinations and Agreements. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 1649-1663.	4.0	17
40	Structural Tractability of Enumerating CSP Solutions. Lecture Notes in Computer Science, 2010, , 236-251.	1.0	3
41	On the complexity of constrained Nash equilibria in graphical games. Theoretical Computer Science, 2009, 410, 3901-3924.	0.5	6
42	Discovering Multi-perspective Process Models: The Case of Loosely-Structured Processes. Lecture Notes in Business Information Processing, 2009, , 130-143.	0.8	5
43	Tree Projections: Game Characterization and Computational Aspects. Lecture Notes in Computer Science, 2009, , 217-226.	1.0	1
44	Tractable Optimization Problems through Hypergraph-Based Structural Restrictions. Lecture Notes in Computer Science, 2009, , 16-30.	1.0	19
45	Mining taxonomies of process models. Data and Knowledge Engineering, 2008, 67, 74-102.	2.1	42
46	Mining Loosely Structured Motifs from Biological Data. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 1472-1489.	4.0	17
47	Repair localization for query answering from inconsistent databases. ACM Transactions on Database Systems, 2008, 33, 1-51.	1.5	34
48	Outlier Detection Techniques for Process Mining Applications. , 2008, , 150-159.		37
49	Tree Projections: Hypergraph Games and Minimality. Lecture Notes in Computer Science, 2008, , 736-747.	1.0	6
50	Process Mining Based on Clustering: A Quest for Precision. Lecture Notes in Computer Science, 2008, , 17-29.	1.0	75
51	Uniform Constraint Satisfaction Problems and Database Theory. Lecture Notes in Computer Science, 2008, , 156-195.	1.0	10
52	An Information-Theoretic Framework for Process Structure and Data Mining. , 2008, , 810-830.		0
53	Outlier detection by logic programming. ACM Transactions on Computational Logic, 2007, 9, 7.	0.7	12
54	On the complexity of combinatorial auctions. , 2007, , .		15

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55	Hypertree Decompositions for Query Optimization. , 2007, , .		12
56	An Information-Theoretic Framework for Process Structure and Data Mining. International Journal of Data Warehousing and Mining, 2007, 3, 99-119.	0.4	1
57	Mining unconnected patterns in workflows. Information Systems, 2007, 32, 685-712.	2.4	15
58	Magic Sets and their application to data integration. Journal of Computer and System Sciences, 2007, 73, 584-609.	0.9	34
59	Solving abduction by computing joint explanations. Annals of Mathematics and Artificial Intelligence, 2007, 50, 143-194.	0.9	3
60	Weighted hypertree decompositions and optimal query plans. Journal of Computer and System Sciences, 2007, 73, 475-506.	0.9	14
61	Combinatorial auctions with tractable winner determination. , 2007, 7, 15-18.		1
62	The $\mathcal{LP}\text{-OD}$ System: Logic Programming Meets Outlier Detection. , 2007, , 254-259.		0
63	Discovering expressive process models by clustering log traces. IEEE Transactions on Knowledge and Data Engineering, 2006, 18, 1010-1027.	4.0	262
64	Efficient discovery of loosely structured motifs in biological data. , 2006, , .		0
65	Protection Techniques from Information Extraction. , 2006, , .		1
66	Mining Constrained Graphs: The Case of Workflow Systems. Lecture Notes in Computer Science, 2006, , 155-171.	1.0	7
67	An Information-Theoretic Framework for Process Structure and Data Mining. Lecture Notes in Computer Science, 2006, , 248-259.	1.0	1
68	Solving Abduction by Computing Joint Explanations: Logic Programming Formalization, Applications to P2P Data Integration, and Complexity Results. Lecture Notes in Computer Science, 2006, , 116-136.	1.0	0
69	Detecting and Repairing Anomalous Evolutions in Noisy Environments: Logic Programming Formalization and Complexity Results. , 2006, , 41-50.		0
70	Optimization of bound disjunctive queries with constraints. Theory and Practice of Logic Programming, 2005, 5, 713-745.	1.1	12
71	On the complexity of computing peer agreements for consistent query answering in peer-to-peer data integration systems. , 2005, , .		4
72	The INFOMIX system for advanced integration of incomplete and inconsistent data. , 2005, , .		49

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73	Mining and reasoning on workflows. IEEE Transactions on Knowledge and Data Engineering, 2005, 17, 519-534.	4.0	45
74	Minimal founded semantics for disjunctive logic programs and deductive databases. Theory and Practice of Logic Programming, 2004, 4, 75-93.	1.1	4
75	Data Integration with Preferences Among Sources. Lecture Notes in Computer Science, 2004, , 231-244.	1.0	6
76	Weighted hypertree decompositions and optimal query plans. , 2004, , .		11
77	Web Communities: Models and Algorithms. World Wide Web, 2004, 7, 59-82.	2.7	16
78	Detecting Outliers via Logical Theories and Its Data Complexity. Lecture Notes in Computer Science, 2004, , 101-113.	1.0	0
79	Enhancing the Magic-Set Method for Disjunctive Datalog Programs. Lecture Notes in Computer Science, 2004, , 371-385.	1.0	32
80	Mining Expressive Process Models by Clustering Workflow Traces. Lecture Notes in Computer Science, 2004, , 52-62.	1.0	40
81	An Ontology-Driven Process Modeling Framework. Lecture Notes in Computer Science, 2004, , 13-23.	1.0	18
82	Magic Sets and Their Application to Data Integration. Lecture Notes in Computer Science, 2004, , 306-320.	1.0	15
83	Reasoning on Workflow Executions. Lecture Notes in Computer Science, 2003, , 205-219.	1.0	3
84	Mining Frequent Instances on Workflows. Lecture Notes in Computer Science, 2003, , 209-221.	1.0	12
85	Efficient Evaluation of Logic Programs for Querying Data Integration Systems. Lecture Notes in Computer Science, 2003, , 163-177.	1.0	38
86	Pure Nash equilibria. , 2003, , .		25
87	Complexity and Algorithms for the Matching of Bag and Set Terms. Lecture Notes in Computer Science, 2002, , 137-148.	1.0	0
88	A Logic Framework for the Integration of Databases. Lecture Notes in Computer Science, 2002, , 274-284.	1.0	1
89	Query Optimization of Disjunctive Databases with Constraints through Binding Propagation. Lecture Notes in Computer Science, 2002, , 216-230.	1.0	1
90	A Probabilistic Approach for Distillation and Ranking of Web Pages. World Wide Web, 2001, 4, 189-207.	2.7	9

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91	A Logic Programming Approach to the Integration, Repairing and Querying of Inconsistent Databases. Lecture Notes in Computer Science, 2001, , 348-364.	1.0	50
92	LTL on Finite and Process Traces: Complexity Results and a Practical Reasoner. Journal of Artificial Intelligence Research, 0, 63, 557-623.	7.0	12