

# Andrea G B Tettamanzi

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6643507/andrea-g-b-tettamanzi-publications-by-year.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115  
papers

821  
citations

15  
h-index

24  
g-index

131  
ext. papers

929  
ext. citations

1.5  
avg, IF

4.22  
L-index

#	Paper	IF	Citations
115	Measuring Clusters of Labels in an Embedding Space to Refine Relations in Ontology Alignment. <i>Journal on Data Semantics</i> , <b>2021</b> , 10, 399	1.4	
114	Task-Oriented Uncertainty Evaluation for Linked Data Based on Graph Interlinks. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 204-215	0.9	
113	Possibilistic Estimation of Distributions to Leverage Sparse Data in Machine Learning. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 431-444	0.3	
112	Classifying Candidate Axioms via Dimensionality Reduction Techniques. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 179-191	0.9	
111	Using Grammar-Based Genetic Programming for Mining Disjointness Axioms Involving Complex Class Expressions. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 18-32	0.9	0
110	Grammatical Evolution to Mine OWL Disjointness Axioms Involving Complex Concept Expressions <b>2020</b> ,		1
109	Learning Class Disjointness Axioms Using Grammatical Evolution. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 278-294	0.9	5
108	Publishing Uncertainty on the Semantic Web: Blurring the LOD Bubbles. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 42-56	0.9	1
107	An Evolutionary Approach to Class Disjointness Axiom Discovery <b>2019</b> ,		2
106	An Ontology Alignment Approach Combining Word Embedding and the Radius Measure. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 191-197	0.9	3
105	A Machine Learning Approach to Study the Relationship between Features of the Urban Environment and Street Value. <i>Urban Science</i> , <b>2019</b> , 3, 100	2.2	3
104	Combining argumentation and aspect-based opinion mining: The SMACK system1. <i>AI Communications</i> , <b>2018</b> , 31, 75-95	0.8	14
103	Predicting the Possibilistic Score of OWL Axioms Through Support Vector Regression. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 380-386	0.9	
102	Comparing Rule Evaluation Metrics for the Evolutionary Discovery of Multi-relational Association Rules in the Semantic Web. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 289-305	0.9	4
101	Predicting the possibilistic score of OWL axioms through modified support vector clustering <b>2018</b> ,		4
100	Uncertain logical gates in possibilistic networks: Theory and application to human geography. <i>International Journal of Approximate Reasoning</i> , <b>2017</b> , 82, 101-118	3.6	6
99	Combining fuzzy logic and formal argumentation for legal interpretation <b>2017</b> ,		3

98	Possibilistic testing of OWL axioms against RDF data. <i>International Journal of Approximate Reasoning</i> , <b>2017</b> , 91, 114-130	3.6	8
97	An evolutionary algorithm for discovering multi-relational association rules in the semantic web <b>2017</b> ,		4
96	Handling Topical Metadata Regarding the Validity and Completeness of Multiple-Source Information: A Possibilistic Approach. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 363-376	0.9	2
95	Multiple Bayesian Models for the Sustainable City: The Case of Urban Sprawl. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 392-407	0.9	
94	An Agent-Based Architecture for Personalized Recommendations. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 96-113	0.9	
93	Ontology enrichment by discovering multi-relational association rules from ontological knowledge bases <b>2016</b> ,		14
92	Fuzzy Labeling for Abstract Argumentation: An Empirical Evaluation. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 126-139	0.9	2
91	Evolutionary Discovery of Multi-relational Association Rules from Ontological Knowledge Bases. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 113-128	0.9	7
90	A Belief-Based Approach to Measuring Message Acceptability. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 140-154	0.9	
89	Dynamically Time-Capped Possibilistic Testing of SubClassOf Axioms Against RDF Data to Enrich Schemas <b>2015</b> ,		3
88	Propagating and Aggregating Fuzzy Polarities for Concept-Level Sentiment Analysis. <i>Cognitive Computation</i> , <b>2015</b> , 7, 186-197	4.4	49
87	Uncertain Logical Gates in Possibilistic Networks. An Application to Human Geography. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 249-263	0.9	5
86	SimBa: A novel similarity-based crossover for neuro-evolution. <i>Neurocomputing</i> , <b>2014</b> , 130, 108-122	5.4	1
85	Testing Carlo Cipolla's Laws of Human Stupidity with Agent-Based Modeling <b>2014</b> ,		2
84	A syntactic possibilistic belief change operator: Theory and empirical study. <i>Web Intelligence and Agent Systems</i> , <b>2014</b> , 12, 155-169		1
83	Challenges in Bridging Social Semantics and Formal Semantics on the Web. <i>Lecture Notes in Business Information Processing</i> , <b>2014</b> , 3-15	0.6	1
82	A Fuzzy System for Concept-Level Sentiment Analysis. <i>Communications in Computer and Information Science</i> , <b>2014</b> , 21-27	0.3	29
81	Testing OWL Axioms against RDF Facts: A Possibilistic Approach. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 519-530	0.9	3

80	A Neuro-Evolutionary Approach to Electrocardiographic Signal Classification <b>2014</b> , 193-207		0
79	The BioKET Biodiversity Data Warehouse: Data and Knowledge Integration and Extraction. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 131-142	0.9	1
78	Trusting the messenger because of the message: feedback dynamics from information quality to source evaluation. <i>Computational and Mathematical Organization Theory</i> , <b>2013</b> , 20, 176	2.1	6
77	Using trust and possibilistic reasoning to deal with untrustworthy communication in VANETs <b>2013</b> ,		5
76	A conceptual representation of documents and queries for information retrieval systems by using light ontologies. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 10376-10388	7.8	19
75	A Neuro-Evolutionary Corpus-Based Method for Word Sense Disambiguation. <i>IEEE Intelligent Systems</i> , <b>2012</b> , 27, 26-35	4.2	0
74	A Neuro-evolutionary Approach to Intraday Financial Modeling. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 155-164	0.9	1
73	Electrocardiographic Signal Classification with Evolutionary Artificial Neural Networks. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 295-304	0.9	1
72	Quality Assessment in Linguistic Summaries of Data. <i>Communications in Computer and Information Science</i> , <b>2012</b> , 285-294	0.3	12
71	A Comparison between Nature-Inspired and Machine Learning Approaches to Detecting Trend Reversals in Financial Time Series. <i>Studies in Computational Intelligence</i> , <b>2011</b> , 39-59	0.8	1
70	Computational protein design and large-scale assessment by I-TASSER structure assembly simulations. <i>Journal of Molecular Biology</i> , <b>2011</b> , 407, 764-76	6.5	32
69	SimBa-2: Improving a novel similarity-based crossover for the evolution of artificial neural networks <b>2011</b> ,		3
68	A multi-objective memetic algorithm for the linguistic summarization of time series <b>2011</b> ,		4
67	QoS-based service optimization using differential evolution <b>2011</b> ,		9
66	Evolutionary ANNs: A state of the art survey. <i>Intelligenza Artificiale</i> , <b>2011</b> , 5, 19-35	0.7	18
65	Linguistic Summarization of Time Series Data using Genetic Algorithms <b>2011</b> ,		10
64	Using Evolutionary Neural Networks to Test the Influence of the Choice of Numeraire on Financial Time Series Modeling. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 81-90	0.9	1
63	A Part-Of-Speech Lexicographic Encoding for an Evolutionary Word Sense Disambiguation Approach. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 244-253	0.9	

62	The role of goals in belief selection. <i>Logic Journal of the IGPL</i> , <b>2010</b> , 18, 559-578	1	3
61	Concave type-2 fuzzy sets: properties and operations. <i>Soft Computing</i> , <b>2010</b> , 14, 749-756	3.5	23
60	A Study of Nature-Inspired Methods for Financial Trend Reversal Detection. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 161-170	0.9	1
59	An Ontological Representation of Documents and Queries for Information Retrieval Systems. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 555-564	0.9	5
58	Modeling Turning Points in Financial Markets with Soft Computing Techniques. <i>Studies in Computational Intelligence</i> , <b>2010</b> , 147-167	0.8	4
57	A Novel Similarity-Based Crossover for Artificial Neural Network Evolution <b>2010</b> , 344-353		11
56	Fuzzy Evolutionary Modeling of Customer Behavior for Business Intelligence. <i>Studies in Fuzziness and Soft Computing</i> , <b>2010</b> , 207-225	0.7	
55	A Possibilistic Approach to Goal Generation in Cognitive Agents. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 397-406	0.9	1
54	Goal Generation from Possibilistic Beliefs Based on Trust and Distrust. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 35-50	0.9	1
53	Cognitive-Agent-Based Modeling of a Financial Market <b>2009</b> ,		3
52	Reasoning about actions with imprecise and incomplete state descriptions. <i>Fuzzy Sets and Systems</i> , <b>2009</b> , 160, 1383-1401	3.7	2
51	On the calculation of extended max and min operations between convex fuzzy sets of the real line. <i>Fuzzy Sets and Systems</i> , <b>2009</b> , 160, 3103-3114	3.7	23
50	Soft Computing Techniques for Internet Backbone Traffic Anomaly Detection. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 99-104	0.9	2
49	A Lexicographic Encoding for Word Sense Disambiguation with Evolutionary Neural Networks. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 192-201	0.9	2
48	Predicting Turning Points in Financial Markets with Fuzzy-Evolutionary and Neuro-Evolutionary Modeling. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 213-222	0.9	4
47	Evolving Neural Networks for Static Single-Position Automated Trading. <i>Journal of Artificial Evolution and Applications</i> , <b>2008</b> , 2008, 1-17		16
46	Evolving Neural Networks for Word Sense Disambiguation <b>2008</b> ,		4
45	Evolutionary Single-Position Automated Trading. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 62-72	0.9	3

44	Horizontal Generalization Properties of Fuzzy Rule-Based Trading Models. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 93-102	0.9	1
43	A New Genetic Approach for Neural Network Design. <i>Studies in Computational Intelligence</i> , <b>2008</b> , 289-323.8		7
42	Fuzzy-Evolutionary Modeling for Single-Position Day Trading. <i>Studies in Computational Intelligence</i> , <b>2008</b> , 131-159	0.8	6
41	A Critical Assessment of Some Variants of Particle Swarm Optimization. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 565-574	0.9	5
40	Making Others Believe What They Want. <i>International Federation for Information Processing</i> , <b>2008</b> , 215-224		5
39	Evolutionary algorithms for reasoning in fuzzy description logics with fuzzy quantifiers <b>2007</b> ,		2
38	A Belief-Desire Framework for Goal Revision. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 164-171	0.9	
37	From Fuzzy Beliefs to Goals. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 1-8	0.9	
36	Business Intelligence for Strategic Marketing: Predictive Modelling of Customer Behaviour Using Fuzzy Logic and Evolutionary Algorithms <b>2007</b> , 233-240		5
35	Goal Generation with Ordered Beliefs. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 133-144	0.9	1
34	A neural evolutionary approach to financial modeling <b>2006</b> ,		14
33	Chapter 8 Fuzzy quantification in fuzzy description logics. <i>Capturing Intelligence</i> , <b>2006</b> , 135-159		16
32	Approximated Type-2 Fuzzy Set Operations <b>2006</b> ,		43
31	An Ontology-Based Method for User Model Acquisition <b>2006</b> , 211-229		4
30	An Evolutionary Approach to Ontology-Based User Model Acquisition. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 25-32	0.9	4
29	Possibilistic Planning Using Description Logics: A First Step. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 53-60	0.9	
28	Some Complexity Results on Fuzzy Description Logics. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 19-24	0.9	9
27	A Fuzzy Frame-Based Knowledge Representation Formalism. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 55-62	0.9	1

26	Reasoning and Quantification in Fuzzy Description Logics. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 81-88	0.9	7
25	A Neural Evolutionary Classification Method for Brain-Wave Analysis. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 500-504	0.9	5
24	Selection intensity in cellular evolutionary algorithms for regular lattices. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2005</b> , 9, 489-505	15.6	70
23	Takeover time curves in random and small-world structured populations <b>2005</b> ,		39
22	Towards Flexible Credential Negotiation Protocols. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 19-23	0.9	
21	Generalizing Quantification in Fuzzy Description Logics <b>2005</b> , 397-411		8
20	A Memetic Algorithm for Protein Structure Prediction in a 3D-Lattice HP Model. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 1-10	0.9	15
19	Modeling Selection Intensity for Linear Cellular Evolutionary Algorithms. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 345-356	0.9	5
18	Modeling Selection Intensity for Toroidal Cellular Evolutionary Algorithms. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 1138-1149	0.9	11
17	Learning Environment for Life Time Value Calculation of Customers in Insurance Domain. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 1251-1262	0.9	2
16	A Possibilistic Framework for Asset Allocation <b>2003</b> , 23-33		
15	Learning Fuzzy Classifiers with Evolutionary Algorithms <b>2003</b> , 1-10		1
14	An Application of Genetic Programming to Electronic Design Automation: from Frequency Specifications to VHDL Code <b>2002</b> , 809-820		1
13	An Evolutionary Approach to Automatic Generation of VHDL Code for Low-Power Digital Filters. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 36-50	0.9	6
12	Genetic Programming for Financial Time Series Prediction. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 361-370		24
11	An Evolutionary Algorithm for Solving the School Time-Tabling Problem. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 452-462	0.9	9
10	An Evolutionary Approach to Multiperiod Asset Allocation. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 225-236		7
9	Dynamic Optimisation of Non-linear Feed-Forward Circuits. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 41-50	0.9	3

8	A statistical study of a class of cellular evolutionary algorithms. <i>Evolutionary Computation</i> , <b>1999</b> , 7, 255-743	4.3	9
7	A General-Purpose Fuzzy Engine for Crop Control. <i>Lecture Notes in Computer Science</i> , <b>1999</b> , 473-481	0.9	1
6	Recombination operators for evolutionary graph drawing. <i>Lecture Notes in Computer Science</i> , <b>1998</b> , 988-997	0.9	1
5	Studying parallel evolutionary algorithms: The cellular programming case. <i>Lecture Notes in Computer Science</i> , <b>1998</b> , 573-582	0.9	2
4	Evolutionary design of hashing function circuits using an FPGA. <i>Lecture Notes in Computer Science</i> , <b>1998</b> , 36-46	0.9	4
3	Drawing Graphs with Evolutionary Algorithms <b>1998</b> , 325-337		3
2	An evolutionary algorithm for evaluation of emission compliance options in view of the Clean Air Act Amendments. <i>IEEE Transactions on Power Systems</i> , <b>1997</b> , 12, 336-341	7	54
1	An Ontology-Based Method for User Model Acquisition 211-229		