Giangiacomo Gerla

List of Publications by Year
in descending order

61 papers	**826** citations	567281 **15** h-index	552781 **26** g-index
63 all docs	**63** docs citations	**63** times ranked	**278** citing authors

#	Article	IF	Citations
1	Fuzzy logic, continuity and effectiveness. Archive for Mathematical Logic, 2002, 41, 643-667.	0.3	60
2	Closure systems and L-subalgebras. Information Sciences, 1984, 33, 181-195.	6.9	51
3	Fuzzy Logic Programming and Fuzzy Control. Studia Logica, 2005, 79, 231-254.	0.6	48
4	An Extension Principle for Closure Operators. Journal of Mathematical Analysis and Applications, 1996, 198, 1-24.	1.0	45
5	Similarity-based Unification. Fundamenta Informaticae, 2000, 41, 393-414.	0.4	38
6	Connection Structures: Grzegorczyk's and Whitehead's Definitions of Point. Notre Dame Journal of Formal Logic, 1996, 37, 431.	0.4	35
7	Graded consequence relations and fuzzy closure operator. Journal of Applied Non-Classical Logics, 1996, 6, 369-379.	0.5	32
8	Connection structures.. Notre Dame Journal of Formal Logic, 1991, 32, .	0.4	29
9	Inferences in probability logic. Artificial Intelligence, 1994, 70, 33-52.	5.8	28
10	Pointless metric spaces. Journal of Symbolic Logic, 1990, 55, 207-219.	0.5	27
11	Pointless Geometries. , 1995, , 1015-1031.		27
12	Effectiveness and multivalued logics. Journal of Symbolic Logic, 2006, 71, 137-162.	0.5	26
13	An Extension Principle for Fuzzy Logics. Mathematical Logic Quarterly, 1994, 40, 357-380.	0.2	24
14	Generated necessities and possibilities. International Journal of Intelligent Systems, 1992, 7, 445-454.	5.7	19
15	Logics with approximate premises. International Journal of Intelligent Systems, 1998, 13, 1-10.	5.7	16
16	Quasi-metric spaces and point-free geometry. Mathematical Structures in Computer Science, 2006, 16, 115.	0.6	16
17	Fuzzy control as a fuzzy deduction system. Fuzzy Sets and Systems, 2001, 121, 409-425.	2.7	15
18	Fuzzy grammars and recursively enumerable fuzzy languages. Information Sciences, 1992, 60, 137-143.	6.9	14

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19	Approximate Reasoning Based on Similarity. Mathematical Logic Quarterly, 2000, 46, 77-86.	0.2	14
20	Fuzzy submonoids, fuzzy preorders and quasi-metrics. Fuzzy Sets and Systems, 2006, 157, 2356-2370.	2.7	14
21	Generalized fuzzy points. Journal of Mathematical Analysis and Applications, 1986, 120, 761-768.	1.0	13
22	On fuzzy convergence. Information Sciences, 1986, 39, 269-283.	6.9	10
23	Comparing fuzzy and crisp deduction systems. Fuzzy Sets and Systems, 1994, 67, 317-328.	2.7	10
24	Fuzzy subsets: A constructive approach. Fuzzy Sets and Systems, 1992, 45, 161-168.	2.7	9
25	Pavelka's Fuzzy Logic and Free L-Subsemigroups. Zeitschrift Für Mathematische Logik Und Grundlagen Der Mathematik, 1985, 31, 123-129.	0.2	8
26	Code theory and fuzzy subsemigroups. Journal of Mathematical Analysis and Applications, 1987, 128, 362-369.	1.0	8
27	Recursively EnumerableL-Sets. Zeitschrift Für Mathematische Logik Und Grundlagen Der Mathematik, 1987, 33, 107-113.	0.2	7
28	Decidability, Recursive Enumerability and Kleene Hierarchy ForL-Subsets. Zeitschrift Für Mathematische Logik Und Grundlagen Der Mathematik, 1989, 35, 49-62.	0.2	7
29	Probability-Like Functionals and Fuzzy Logic. Journal of Mathematical Analysis and Applications, 1997, 216, 438-465.	1.0	7
30	Decidability, partial decidability and sharpness relation for L-subsets. Studia Logica, 1987, 46, 227-238.	0.6	6
31	The probability that tweety is able to fly. International Journal of Intelligent Systems, 1994, 9, 403-409.	5.7	6
32	Mathematical Features of Whitehead's Point-free Geometry. , 2008, , 119-130.		5
33	Nonstandard entropy and energy measures of a fuzzy set. Journal of Mathematical Analysis and Applications, 1984, 104, 107-116.	1.0	5
34	Nonstandard fuzzy sets. Fuzzy Sets and Systems, 1986, 18, 173-181.	2.7	5
35	Normalization of fuzzy algebras. Fuzzy Sets and Systems, 1985, 17, 73-82.	2.7	4
36	TuringL-machines and recursive computability forL-maps. Studia Logica, 1989, 48, 179-192.	0.6	4

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37	Bilattices for deductions in multi-valued logic. International Journal of Approximate Reasoning, 2013, 54, 1066-1086.	3.3	4
38	Comments on some theories of fuzzy computation. International Journal of General Systems, 2016, 45, 372-392.	2.5	4
39	Closure Operators in Fuzzy Set Theory. The Handbooks of Fuzzy Sets Series, 1999, , 243-278.	0.5	4
40	Galois connections among fuzzy groups, similarities, distances. Journal of Mathematical Analysis and Applications, 2004, 292, 33-48.	1.0	3
41	Point-free Foundation of Geometry and Multivalued Logic. Notre Dame Journal of Formal Logic, 2010, 51, .	0.4	3
42	Multi-valued Logic for a Point-Free Foundation of Geometry. Synthese Library, 2014, , 105-122.	0.2	3
43	Distances, diameters and verisimilitude of theories. Archive for Mathematical Logic, 1992, 31, 407-414.	0.3	2
44	Fuzzy refutations for probability and multivalued logics. International Journal of Approximate Reasoning, 1994, 11, 257-279.	3.3	2
45	Grasping Infinity by Finite Sets. Mathematical Logic Quarterly, 1998, 44, 383-393.	0.2	2
46	SIMILARITY LOGIC AND TRANSLATIONS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2004, 12, 257-267.	1.9	2
47	Point-Free Geometry and Verisimilitude of Theories. Journal of Philosophical Logic, 2007, 36, 707-733.	0.9	2
48	POINT-FREE GEOMETRY, OVALS, AND HALF-PLANES. Review of Symbolic Logic, 2017, 10, 237-258.	0.7	2
49	Multi-valued Logics, Effectiveness and Domains. Lecture Notes in Computer Science, 2007, , 336-347.	1.3	2
50	Closure Operators, Fuzzy Logic and Constraints. Applied Logic Series, 1999, , 101-120.	0.3	2
51	The existence of vague objects. Fuzzy Sets and Systems, 2015, 276, 59-73.	2.7	1
52	Fuzzy Turing machines: Normal form and limitative theorems. Fuzzy Sets and Systems, 2018, 333, 87-105.	2.7	1
53	Extension Principle and Probabilistic Inferential Process. , 2001, , 113-127.		1
54	4.4. Il Cervino di Varzi: similitÃ e oggetti vaghi. Rivista Di Estetica, 2012, , 281-296.	0.1	1

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55	Boolean fuzzy logic and generalized capacities. International Journal of General Systems, 2003, 32, 321-342.	2.5	0
56	Multivalued Logic to Transform Potential into Actual Objects. Studia Logica, 2007, 86, 69-87.	0.6	0
57	Meta-logic programming for a synonymy logic. Soft Computing, 2010, 14, 299-311.	3.6	0
58	Handling the valuation of the predicates in a fuzzy model. Fuzzy Sets and Systems, 2012, 186, 81-99.	2.7	0
59	Point-free foundation of geometry looking at laboratory activities. Cogent Mathematics & Statistics, 2020, 7, 1761001.	0.9	0
60	Probability Logic as a Fuzzy Logic. , 1995, , 229-230.		0
61	Similarities for Crisp and Fuzzy Probabilistic Expert Systems. , 2008, , 23-42.		0