

# Giorgio Gallo

## List of Publications by Year in descending order

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35  
papers

2,355  
citations

331259

21  
h-index

377514

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1444  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fast Parametric Maximum Flow Algorithm and Applications. SIAM Journal on Computing, 1989, 18, 30-55.	0.8	492
2	Directed hypergraphs and applications. Discrete Applied Mathematics, 1993, 42, 177-201.	0.5	454
3	Shortest path algorithms. Annals of Operations Research, 1988, 13, 1-79.	2.6	239
4	Shortest path methods: A unifying approach. Mathematical Programming Studies, 1986, , 38-64.	0.8	114
5	Network models for vehicle and crew scheduling. European Journal of Operational Research, 1984, 16, 139-151.	3.5	100
6	Discrete facility location and routing of obnoxious activities. Discrete Applied Mathematics, 2003, 133, 3-28.	0.5	97
7	Bilinear programming: An exact algorithm. Mathematical Programming, 1977, 12, 173-194.	1.6	78
8	Algorithms for testing the satisfiability of propositional formulae. The Journal of Logic Programming, 1989, 7, 45-61.	1.9	71
9	A Bundle Type Dual-Ascent Approach to Linear Multicommodity Min-Cost Flow Problems. INFORMS Journal on Computing, 1999, 11, 370-393.	1.0	69
10	A combined transportation and scheduling problem. European Journal of Operational Research, 1997, 97, 94-104.	3.5	67
11	A multi-level bottleneck assignment approach to the bus drivers' rostering problem. European Journal of Operational Research, 1984, 16, 163-173.	3.5	63
12	A Multicommodity Flow Approach to the Crew Rostering Problem. Operations Research, 2004, 52, 583-596.	1.2	62
13	An algorithm for the min concave cost flow problem. European Journal of Operational Research, 1980, 4, 248-255.	3.5	50
14	Dispatching Buses in Parking Depots. Transportation Science, 2001, 35, 322-330.	2.6	45
15	Operations research and ethics: Responsibility, sharing and cooperation. European Journal of Operational Research, 2004, 153, 468-476.	3.5	37
16	Polynomially solvable satisfiability problems. Information Processing Letters, 1988, 29, 221-227.	0.4	35
17	On the supermodular knapsack problem. Mathematical Programming, 1989, 45, 295-309.	1.6	35
18	Ethics in OR/MS: past, present and future. Annals of Operations Research, 2007, 153, 165-178.	2.6	30

#	ARTICLE	IF	CITATIONS
19	Flows on hypergraphs. <i>Mathematical Programming</i> , 1997, 78, 195-217.	1.6	27
20	Conflict Theory, Complexity and Systems Approach. <i>Systems Research and Behavioral Science</i> , 2013, 30, 156-175.	0.9	27
21	A new algorithm to find the shortest paths between all pairs of nodes. <i>Discrete Applied Mathematics</i> , 1982, 4, 23-35.	0.5	24
22	An $O(n \log n)$ algorithm for the convex bipartite matching problem. <i>Operations Research Letters</i> , 1984, 3, 31-34.	0.5	21
23	Concave cost minimization on networks. <i>European Journal of Operational Research</i> , 1979, 3, 239-249.	3.5	20
24	Ethics in OR/MS: Past, present and future. <i>4or</i> , 2004, 2, 95.	1.0	18
25	Relaxation approaches to large scale bus driver scheduling problems. <i>Transportation Research Part B: Methodological</i> , 1982, 16, 383-397.	2.8	16
26	Directed hypergraphs as a modelling paradigm. <i>Decisions in Economics and Finance</i> , 1998, 21, 97-123.	1.1	14
27	Terrorism, System Thinking and Critical Discourse Analysis. <i>Systems Research and Behavioral Science</i> , 2015, 32, 15-27.	0.9	12
28	Extreme points and adjacency relationship in the flow polytope. <i>Calcolo</i> , 1978, 15, 277-288.	0.6	10
29	A note on minimum makespan assembly plans. <i>European Journal of Operational Research</i> , 2002, 142, 309-320.	3.5	9
30	Toward a Programming Environment for Combinatorial Optimization: A Case Study Oriented to Max-Flow Computations. <i>ORSA Journal on Computing</i> , 1993, 5, 120-133.	1.7	5
31	Operations research/management science contributions to peace studies. <i>International Transactions in Operational Research</i> , 2010, 17, 475-483.	1.8	5
32	A hypergraph model for constraint logic programming and applications to bus drivers' scheduling. <i>Annals of Mathematics and Artificial Intelligence</i> , 1993, 8, 247-270.	0.9	4
33	A new algorithm for the propositional satisfiability problem. <i>Discrete Applied Mathematics</i> , 1995, 60, 159-179.	0.5	2
34	Beyond Interdisciplinarity in Peace Studies: The Role of System Thinking. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
35	b9000A 14 approximate algorithm for $P2/tree/Cmax$ . <i>Discrete Applied Mathematics</i> , 1997, 72, 85-98.	0.5	0