

# Egidio Traversi

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

2,270  
citations

361296

20  
h-index

214721

47  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2941  
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-Term Heart Rate Variability Strongly Predicts Sudden Cardiac Death in Chronic Heart Failure Patients. <i>Circulation</i> , 2003, 107, 565-570.	1.6	770
2	Predictors of primary atrial fibrillation and concomitant clinical and hemodynamic changes in patients with chronic heart failure: a prospective study in 344 patients with baseline sinus rhythm. <i>Journal of the American College of Cardiology</i> , 1998, 32, 197-204.	1.2	283
3	Different correlates but similar prognostic implications for right ventricular dysfunction in heart failure patients with reduced or preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2017, 19, 873-879.	2.9	194
4	Loading Manipulations Improve the Prognostic Value of Doppler Evaluation of Mitral Flow in Patients With Chronic Heart Failure. <i>Circulation</i> , 1997, 95, 1222-1230.	1.6	150
5	Concomitant Factors of Decompensation in Chronic Heart Failure. <i>American Journal of Cardiology</i> , 1996, 78, 354-357.	0.7	123
6	Mitral flow velocity changes after 6 months of optimized therapy provide important hemodynamic and prognostic information in patients with chronic heart failure. <i>American Heart Journal</i> , 1996, 132, 809-819.	1.2	71
7	Orthotopic heart transplantation: standard versus bicaval technique. <i>American Journal of Cardiology</i> , 2000, 85, 1329-1333.	0.7	50
8	Comparison of Doppler Echocardiography With Thermodilution for Assessing Cardiac Output in Advanced Congestive Heart Failure. <i>American Journal of Cardiology</i> , 1996, 78, 708-712.	0.7	44
9	Proliferative activity of bone marrow cells in primary dysmyelopoietic (preleukemic) syndromes. <i>Cancer</i> , 1983, 52, 1190-1195.	2.0	38
10	QPLIB: a library of quadratic programming instances. <i>Mathematical Programming Computation</i> , 2019, 11, 237-265.	3.2	38
11	Automatic Dantzig-Wolfe reformulation of mixed integer programs. <i>Mathematical Programming</i> , 2015, 149, 391-424.	1.6	37
12	Doppler echocardiography reliably predicts pulmonary artery wedge pressure in patients with chronic heart failure even when atrial fibrillation is present. <i>European Journal of Heart Failure</i> , 2001, 3, 173-181.	2.9	36
13	Additional predictive value of nutritional status in the prognostic assessment of heart failure patients. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, 274-280.	1.1	28
14	Exact approaches for the knapsack problem with setups. <i>Computers and Operations Research</i> , 2018, 90, 208-220.	2.4	28
15	Flow cytometric DNA content in myelodysplastic syndromes. <i>Cytometry</i> , 1983, 4, 238-243.	1.8	27
16	Haemodynamic effects of an acute vasodilator challenge in heart failure patients with reduced ejection fraction and different forms of postcapillary pulmonary hypertension. <i>European Journal of Heart Failure</i> , 2018, 20, 725-734.	2.9	27
17	Assessment of right ventricular function in patients with congestive heart failure by echocardiographic automated boundary detection. <i>American Journal of Cardiology</i> , 1996, 78, 1317-1321.	0.7	24
18	Visualization of Left Atrial Appendage and Assessment of its Function by Transthoracic Second Harmonic Imaging and Contrast-Enhanced Pulsed Doppler. <i>European Journal of Echocardiography</i> , 2002, 3, 13-23.	2.3	23

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19	Non-invasive Estimation of Left Ventricular Filling Pressures by Doppler Echocardiography. <i>European Journal of Echocardiography</i> , 2002, 3, 75-79.	2.3	22
20	Sequential vincristine, arabinosylcytosine and adriamycin in acute leukemia: Cytologic and cytokinetic studies. <i>Cytometry</i> , 1982, 3, 104-109.	1.8	20
21	On site assessment of cardiac function and neural regulation in amateur half marathon runners. <i>Open Heart</i> , 2014, 1, e000005.	0.9	20
22	Contrast-enhanced Doppler hemodynamics for noninvasive assessment of patients with chronic heart failure and left ventricular systolic dysfunction. <i>Journal of the American Society of Echocardiography</i> , 2003, 16, 124-131.	1.2	19
23	Comparison of static vehicle flow assignment methods and microsimulations for a personal rapid transit network. <i>Journal of Advanced Transportation</i> , 2012, 46, 340-350.	0.9	16
24	Solving the Temporal Knapsack Problem via Recursive Dantzig-Wolfe Reformulation. <i>Information Processing Letters</i> , 2016, 116, 379-386.	0.4	16
25	Optimal linear arrangements using betweenness variables. <i>Mathematical Programming Computation</i> , 2011, 3, 261-280.	3.2	15
26	Theoretical and computational study of several linearisation techniques for binary quadratic problems. <i>Annals of Operations Research</i> , 2019, 279, 387-411.	2.6	15
27	Incidence and Prognostic Significance of Symptomatic and Asymptomatic Exercise-Induced Ischemia in Patients with Recent Myocardial Infarction. <i>Cardiology</i> , 1984, 71, 284-291.	0.6	12
28	Quadratic Combinatorial Optimization Using Separable Underestimators. <i>INFORMS Journal on Computing</i> , 2018, 30, 424-437.	1.0	12
29	Dobutamine Stress Echocardiography and Thallium-201 SPECT for Detecting Ischaemic Dilated Cardiomyopathy in Patients with Heart Failure. <i>European Journal of Echocardiography</i> , 2000, 1, 109-115.	2.3	11
30	On the Product Knapsack Problem. <i>Optimization Letters</i> , 2018, 12, 691-712.	0.9	10
31	Is old age a contraindication to cardiac rehabilitation after acute myocardial infarction?. <i>European Heart Journal</i> , 1984, 5, 105-107.	1.0	9
32	An exact algorithm for robust influence maximization. <i>Mathematical Programming</i> , 2020, 183, 419-453.	1.6	9
33	Prognostic significance of tissue-Doppler imaging in chronic heart failure patients on transplant waiting list: a comparative study with right heart catheterization. <i>European Journal of Echocardiography</i> , 2011, 12, 112-119.	2.3	8
34	Role and efficacy of cardiac rehabilitation in patients with heart failure. <i>Monaldi Archives for Chest Disease</i> , 2019, 89, .	0.3	7
35	Daytime periodic breathing during short-term laboratory recordings in heart failure patients: the iceberg tip of central sleep apnoea?. <i>European Journal of Heart Failure</i> , 2018, 20, 934-936.	2.9	6
36	Additive Value of Biomarkers and Echocardiography to Stratify the Risk of Death in Heart Failure Patients with Reduced Ejection Fraction. <i>Cardiology Research and Practice</i> , 2019, 2019, 1-9.	0.5	6

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37	On the separation of split inequalities for non-convex quadratic integer programming. <i>Discrete Optimization</i> , 2015, 15, 1-14.	0.6	5
38	The reduction of central sleep apnoea severity in the left lateral position is not due to an improvement in cardiac haemodynamics in patients with chronic heart failure. <i>Sleep Medicine</i> , 2017, 34, 30-32.	0.8	5
39	Optimum Vehicle Flows in a Fully Automated Vehicle Network. , 2016, , .		4
40	Transthoracic echocardiographic assessment of cardiac output in mechanically ventilated critically ill patients by intensive care unit physicians. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2019, 69, 20-26.	0.2	3
41	Cardio-respiratory International Classification of Functioning, Disability and Health sets for inpatient rehabilitation: from theory to practice. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2020, 56, 252-254.	1.1	3
42	Improving signal preprocessing for late potential detection. , 0, , .		2
43	Intracoronary Imaging with Multislice Spiral Computed Tomography. <i>New England Journal of Medicine</i> , 2003, 348, e5.	13.9	2
44	Double aortic arch and left superior vena cava persistence visualized by 16-row detector multi-slice computed tomography. <i>European Heart Journal</i> , 2007, 28, 1819-1819.	1.0	2
45	Preface: decomposition methods for hard optimization problems. <i>Annals of Operations Research</i> , 2020, 284, 483-485.	2.6	2
46	Optimal Solution of Vehicle Routing Problems with Fractional Objective Function. <i>Transportation Science</i> , 2020, 54, 434-452.	2.6	2
47	Cheyne-Stokes Respiration During Awake Day-Time in Chronic Heart Failure: Prognostic Implication. <i>Journal of the American College of Cardiology</i> , 1998, 31, 249A-250A.	1.2	2
48	Effect of Vincristine on the Bone Marrow Cells of Patients with Multiple Myeloma: A Cytomorphologic Study. <i>Tumori</i> , 1980, 66, 319-329.	0.6	1
49	Cytokinetic Studies in Acute Leukemia during Early Induction Therapy. <i>Tumori</i> , 1985, 71, 69-74.	0.6	1
50	Exercise Tolerance in Patients with and without Ventricular Aneurysm. <i>Cardiology</i> , 1987, 74, 483-489.	0.6	1
51	Self-sufficient sets in smartgrids. <i>Electronic Notes in Discrete Mathematics</i> , 2018, 69, 301-308.	0.4	1
52	A conjugate direction based simplicial decomposition framework for solving a specific class of dense convex quadratic programs. <i>Computational Optimization and Applications</i> , 2020, 75, 321-360.	0.9	1
53	Pre-existing type 2 diabetes is associated with increased all-cause death independently of echocardiographic predictors of poor prognosis only in ischemic heart disease. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 2036-2040.	1.1	1
54	Automatic implantable cardioverter defibrillator: when not to implant. <i>Monaldi Archives for Chest Disease</i> , 2020, 90, .	0.3	1

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55	Prognostic impact of digoxin use for rate control of atrial fibrillation in patients $\geq 75$ years of age. <i>Monaldi Archives for Chest Disease</i> , 2018, 88, 954.	0.3	0
56	A Julia Module for Polynomial Optimization with Complex Variables applied to Optimal Power Flow. , 2019, , .		0
57	A Benders squared ( $B^2$ ) framework for infinite-horizon stochastic linear programs. <i>Mathematical Programming Computation</i> , 2020, , 1.	3.2	0
58	Ventricular Arrhythmias During High-Dose Dobutamine Test in Patients With Dilated Cardiomyopathy and Heart Failure. <i>Journal of the American College of Cardiology</i> , 1998, 31, 299A.	1.2	0
59	Echocardiographic Indices of Right Ventricular Dysfunction Are Strong Predictors of Events in Patients With Advanced Chronic Heart Failure. <i>Journal of the American College of Cardiology</i> , 1998, 31, 431A.	1.2	0