Federico Girosi

List of Publications by Year
in descending order

72 papers	7,886 citations	257450 24 h-index	133252 59 g-index
84 all docs	84 docs citations	84 times ranked	6662 citing authors

#	Article	IF	Citations
1	The economic cost of bulimia nervosa and binge eating disorder: a population-based study. Psychological Medicine, 2022, 52, 3924-3938.	4.5	20
2	Bayesian prediction of emergency department wait time. Health Care Management Science, 2022, , 1.	2.6	0
3	INFLATE: a protocol for a randomised controlled trial comparing nasal balloon autoinflation to no nasal balloon autoinflation for otitis media with effusion in Aboriginal and Torres Strait Islander children. Trials, 2022, 23, 309.	1.6	2
4	Multichannel mixture models for time-series analysis and classification of engagement with multiple health services: An application to psychology and physiotherapy utilization patterns after traffic accidents. Artificial Intelligence in Medicine, 2021, 111, 101997.	6.5	3
5	Diabetes and the use of primary care provider services in rural, remote and metropolitan Australia. Rural and Remote Health, 2021, 21, 5844.	0.5	1
6	A clinical coding recommender system. Knowledge-Based Systems, 2020, 210, 106455.	7.1	0
7	Cohort Profile: Effectiveness of a 12-Month Patient-Centred Medical Home Model Versus Standard Care for Chronic Disease Management among Primary Care Patients in Sydney, Australia. International Journal of Environmental Research and Public Health, 2020, 17, 2164.	2.6	8
8	Incorporation of expert knowledge in the statistical detection of diagnosis related group misclassification. International Journal of Medical Informatics, 2020, 136, 104086.	3.3	4
9	The AEDUCATE Collaboration. Comprehensive antenatal education birth preparation programmes to reduce the rates of caesarean section in nulliparous women. Protocol for an individual participant data prospective meta-analysis. BMJ Open, 2020, 10, e037175.	1.9	5
10	Deep Generative Modeling in Network Science with Applications to Public Policy Research. , 2020, , .		0
11	Bayesian logistic regression approaches to predict incorrect DRG assignment. Health Care Management Science, 2019, 22, 364-375.	2.6	4
12	Measuring Relationships between Doctor Densities and Patient Visits: A Dog's Breakfast of Small Area Health Geographies. Applied Spatial Analysis and Policy, 2019, 12, 631-645.	2.0	4
13	Predicting diabetes second-line therapy initiation in the Australian population via time span-guided neural attention network. PLoS ONE, 2019, 14, e0211844.	2.5	7
14	The association between physical activity and hospital payments for acute admissions in the Australian population aged 45 and over. PLoS ONE, 2019, 14, e0218394.	2.5	8
15	A Framework To Generate Actionable Information For Mobile Based Information System That Empowers Users To Self-Manage Type 2 Diabetes. , 2019, , .		1
16	Architecture For Mobile Based Information System That Empowers Users To Self-Manage Type 2 Diabetes. , 2019, , .		1
17	Assessing the Preparedness of the Australian Health Care System Infrastructure for an Alzheimer's Disease-Modifying Therapy. , 2019, , .		0
18	Incremental predictive value of screening for anxiety and depression beyond current type 2 diabetes risk models: a prospective cohort study. BMJ Open, 2018, 8, e018255.	1.9	2

#	ARTICLE	IF	CITATIONS
19	Cost analysis of the CTLB Study, a multitherapy antenatal education programme to reduce routine interventions in labour. BMJ Open, 2018, 8, e017333.	1.9	11
20	Patterns and trends of potentially inappropriate high-density lipoprotein cholesterol testing in Australian adults at high risk of cardiovascular disease from 2008 to 2014: analysis of linked individual patient data from the Australian Medicare Benefits Schedule and Pharmaceutical Benefits Scheme. BMJ Open, 2018, 8, e019041.	1.9	5
21	Analysis of healthcare service utilization after transport-related injuries by a mixture of hidden Markov models. PLoS ONE, 2018, 13, e0206274.	2.5	9
22	The effectiveness of patient-centred medical home model versus standard primary care in chronic disease management: protocol for a systematic review and meta-analysis of randomised and non-randomised controlled trials. Systematic Reviews, 2018, 7, 215.	5.3	5
23	A framework for the identification and classification of homogeneous socioeconomic areas in the analysis of health care variation. International Journal of Health Geographics, 2018, 17, 42.	2.5	9
24	Hyperglycaemia in early pregnancy: the Treatment of Booking Gestational diabetes Mellitus (TOBOGM) study. A randomised controlled trial. Medical Journal of Australia, 2018, 209, 405-406.	1.7	44
25	Adherence to prescribing restrictions for HER2-positive metastatic breast cancer in Australia: A national population-based observational study (2001-2016). PLoS ONE, 2018, 13, e0198152.	2.5	4
26	An investigation of relationships between disordered eating behaviors, weight/shape overvaluation and mood in the general population. Appetite, 2018, 129, 19-24.	3.7	16
27	A new generation of Primary Care Service Areas or general practice catchment areas. Transactions in GIS, 2017, 21, 1379-1390.	2.3	1
28	Digital Knowledge Ecosystem for Empowering Users to Self-manage Diabetes Through Context Specific Actionable Information. Lecture Notes in Computer Science, 2017, , 672-684.	1.3	5
29	Socioeconomic Correlates of Eating Disorder Symptoms in an Australian Population-Based Sample. PLoS ONE, 2017, 12, e0170603.	2.5	73
30	How useful are Primary Care Service Areas? Evaluating PCSAs as a tool for measuring Primary Care Practitioner access. Applied Geography, 2016, 72, 47-54.	3.7	9
31	Joint Prediction of Chronic Conditions Onset: Comparing Multivariate Probits with Multiclass Support Vector Machines. Lecture Notes in Computer Science, 2016, , 185-195.	1.3	0
32	A multi-centre open-label randomised non-inferiority trial comparing watchful waiting to antibiotic treatment for acute otitis media without perforation in low-risk urban Aboriginal and Torres Strait Islander children (the WATCH trial): study protocol for a randomised controlled trial. Trials, 2016, 17, 119.	1.6	16
33	Relationship between use of general practice and healthcare costs at the end of life: a data linkage study in New South Wales, Australia. BMJ Open, 2016, 6, e009410.	1.9	8
34	Prevalence and sociodemographic correlates of DSM-5 eating disorders in the Australian population. Journal of Eating Disorders, 2015, 3, 19.	2.7	191
35	Clustering Multivariate Time Series Using Hidden Markov Models. International Journal of Environmental Research and Public Health, 2014, 11, 2741-2763.	2.6	57
36	A brief report on Primary Care Service Area catchment geographies in New South Wales Australia. International Journal of Health Geographics, 2014, 13, 38.	2.5	12

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37	People with multiple unhealthy lifestyles are less likely to consult primary healthcare. BMC Family Practice, 2014, 15, 126.	2.9	25
38	Modeling Employer Self-Insurance Decisions after the Affordable Care Act. Health Services Research, 2013, 48, 850-865.	2.0	3
39	Small Firms' Actions In Two Areas, And Exchange Premium And Enrollment Impact. Health Affairs, 2012, 31, 324-331.	5.2	5
40	The COMPARE Microsimulation Model and the U.S. Affordable Care Act. , 2012, 6, 78-117.		6
41	How Will Health Care Reform Affect Costs and Coverage? Examples from Five States. , 2011, , .		2
42	Employer Self-Insurance Decisions and the Implications of the Patient Protection and Affordable Care Act as Modified by the Health Care and Education Reconciliation Act of 2010 (ACA). Rand Health Quarterly, 2011, 1, 7.	0.5	4
43	Establishing State Health Insurance Exchanges: Implications for Health Insurance Enrollment, Spending, and Small Businesses. Rand Health Quarterly, 2011, 1, 12.	0.5	4
44	Modeling Health Care Policy Alternatives. Health Services Research, 2010, 45, 1541-1558.	2.0	17
45	Could We Have Covered More People At Less Cost? Technically, Yes; Politically, Probably Not. Health Affairs, 2010, 29, 1142-1146.	5.2	6
46	The Effects of the Affordable Care Act on Workers' Health Insurance Coverage. New England Journal of Medicine, 2010, 363, 1393-1395.	27.0	10
47	Coverage, Spending, and Consumer Financial Risk: How Do the Recent House and Senate Health Care Bills Compare?. , 2010, , .		0
48	RAND COMPARE Analysis of President Obama's Proposal for Health Reform. , 2010, , .		0
49	How Will the Affordable Care Act Affect Employee Health Coverage at Small Businesses?. , 2010, , .		0
50	The Benefits of Risk Factor Prevention in Americans Aged 51 Years and Older. American Journal of Public Health, 2009, 99, 2096-2101.	2.7	62
51	Health System Reconstruction and Nation-Building. , 2007, , .		1
52	Reducing stunting among children: the potential contribution of diagnostics. Nature, 2006, 444, 29-38.	27.8	28
53	Developing and interpreting models to improve diagnostics in developing countries. Nature, 2006, 444, 3-8.	27.8	74
54	Reducing the global burden of acute lower respiratory infections in children: the contribution of new diagnostics. Nature, 2006, 444, 9-18.	27.8	70

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55	Reducing the burden of childhood malaria in Africa: the role of improved. Nature, 2006, 444, 39-48.	27.8	100
56	Reducing the global burden of tuberculosis: the contribution of improved diagnostics. Nature, 2006, 444, 49-57.	27.8	206
57	Reducing the burden of sexually transmitted infections in resource-limited settings: the role of improved diagnostics. Nature, 2006, 444, 59-72.	27.8	46
58	Promoting Health Information Technology: Is There A Case For More-Aggressive Government Action?. Health Affairs, 2005, 24, 1234-1245.	5.2	88
59	Can Electronic Medical Record Systems Transform Health Care? Potential Health Benefits, Savings, And Costs. Health Affairs, 2005, 24, 1103-1117.	5.2	1,282
60	Health Information Technology: Can HIT Lower Costs and Improve Quality?. , 2005, , .		14
61	Generalization bounds for function approximation from scattered noisy data. Advances in Computational Mathematics, 1999, 10, 51-80.	1.6	58
62	A Sparse Representation for Function Approximation. Neural Computation, 1998, 10, 1445-1454.	2.2	72
63	An Equivalence Between Sparse Approximation and Support Vector Machines. Neural Computation, 1998, 10, 1455-1480.	2.2	382
64	Comparing support vector machines with Gaussian kernels to radial basis function classifiers. IEEE Transactions on Signal Processing, 1997, 45, 2758-2765.	5.3	1,073
65	On the Relationship between Generalization Error, Hypothesis Complexity, and Sample Complexity for Radial Basis Functions. Neural Computation, 1996, 8, 819-842.	2.2	132
66	Regularization Theory and Neural Networks Architectures. Neural Computation, 1995, 7, 219-269.	2.2	1,105
67	Regularization Theory, Radial Basis Functions and Networks. , 1994, , 166-187.		33
68	Some extensions of radial basis functions and their applications in artificial intelligence. Computers and Mathematics With Applications, 1992, 24, 61-80.	2.7	61
69	Networks and the best approximation property. Biological Cybernetics, 1990, 63, 169-176.	1.3	745
70	Regularization Algorithms for Learning That Are Equivalent to Multilayer Networks. Science, 1990, 247, 978-982.	12.6	930
71	Representation Properties of Networks: Kolmogorov's Theorem Is Irrelevant. Neural Computation, 1989, 1, 465-469.	2.2	99
72	A computational approach to motion perception. Biological Cybernetics, 1988, 60, 79-87.	1.3	307