

Stefano Maria Iacus

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

16,427
citations

394421

19
h-index

175258

52
g-index

60
all docs

60
docs citations

60
times ranked

29338
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioconductor: open software development for computational biology and bioinformatics. <i>Genome Biology</i> , 2004, 5, R80.	9.6	10,796
2	Causal Inference without Balance Checking: Coarsened Exact Matching. <i>Political Analysis</i> , 2012, 20, 1-24.	3.3	2,218
3	Cem: Coarsened Exact Matching in Stata. <i>The Stata Journal</i> , 2009, 9, 524-546.	2.2	1,126
4	Multivariate Matching Methods That Are Monotonic Imbalance Bounding. <i>Journal of the American Statistical Association</i> , 2011, 106, 345-361.	3.1	691
5	Every tweet counts? How sentiment analysis of social media can improve our knowledge of citizens' political preferences with an application to Italy and France. <i>New Media and Society</i> , 2014, 16, 340-358.	5.0	376
6	Estimating and projecting air passenger traffic during the COVID-19 coronavirus outbreak and its socio-economic impact. <i>Safety Science</i> , 2020, 129, 104791.	4.9	233
7	Using Sentiment Analysis to Monitor Electoral Campaigns. <i>Social Science Computer Review</i> , 2015, 33, 3-20.	4.2	119
8	Measuring the impact of COVID-19 confinement measures on human mobility using mobile positioning data. A European regional analysis. <i>Safety Science</i> , 2020, 132, 104925.	4.9	87
9	Human mobility and COVID-19 initial dynamics. <i>Nonlinear Dynamics</i> , 2020, 101, 1901-1919.	5.2	74
10	First- and second-level agenda setting in the Twittersphere: An application to the Italian political debate. <i>Journal of Information Technology and Politics</i> , 2016, 13, 159-174.	2.9	61
11	iSA: A fast, scalable and accurate algorithm for sentiment analysis of social media content. <i>Information Sciences</i> , 2016, 367-368, 105-124.	6.9	56
12	Parameter estimation for the discretely observed fractional Ornstein-Uhlenbeck process and the Yuima R package. <i>Computational Statistics</i> , 2013, 28, 1529-1547.	1.5	53
13	A Theory of Statistical Inference for Matching Methods in Causal Research. <i>Political Analysis</i> , 2019, 27, 46-68.	3.3	53
14	Measuring Idiosyncratic Happiness Through the Analysis of Twitter: An Application to the Italian Case. <i>Social Indicators Research</i> , 2015, 121, 525-542.	2.7	37
15	Missing data imputation, matching and other applications of random recursive partitioning. <i>Computational Statistics and Data Analysis</i> , 2007, 52, 773-789.	1.2	35
16	Least Squares Volatility Change Point Estimation for Partially Observed Diffusion Processes. <i>Communications in Statistics - Theory and Methods</i> , 2008, 37, 2342-2357.	1.0	26
17	Statistical analysis of the inhomogeneous telegrapher's process. <i>Statistics and Probability Letters</i> , 2001, 55, 83-88.	0.7	23
18	ADAPTIVE LASSO-TYPE ESTIMATION FOR MULTIVARIATE DIFFUSION PROCESSES. <i>Econometric Theory</i> , 2012, 28, 838-860.	0.7	22

#	ARTICLE	IF	CITATIONS
19	Estimation for the change point of volatility in a stochastic differential equation. <i>Stochastic Processes and Their Applications</i> , 2012, 122, 1068-1092.	0.9	22
20	Implementation of LÃ©vy CARMA model in Yuima package. <i>Computational Statistics</i> , 2015, 30, 1111-1141.	1.5	22
21	Estimation for the discretely observed telegraph process. <i>Theory of Probability and Mathematical Statistics</i> , 2009, 78, 37-47.	0.5	21
22	Random Recursive Partitioning: a matching method for the estimation of the average treatment effect. <i>Journal of Applied Econometrics</i> , 2009, 24, 163-185.	2.3	20
23	Forecasting asylum-related migration flows with machine learning and data at scale. <i>Scientific Reports</i> , 2022, 12, 1457.	3.3	19
24	On RÃ©nyi information for ergodic diffusion processes. <i>Information Sciences</i> , 2009, 179, 279-291.	6.9	18
25	A comparative simulation study on the IFS distribution function estimator. <i>Nonlinear Analysis: Real World Applications</i> , 2005, 6, 858-873.	1.7	17
26	Approximating distribution functions by iterated function systems. <i>Journal of Applied Mathematics and Decision Sciences</i> , 2005, 2005, 33-46.	0.4	16
27	Are official confirmed cases and fatalities counts good enough to study the COVID-19 pandemic dynamics? A critical assessment through the case of Italy. <i>Nonlinear Dynamics</i> , 2020, 101, 1951-1979.	5.2	16
28	Parametric estimation for the standard and geometric telegraph process observed at discrete times. <i>Statistical Inference for Stochastic Processes</i> , 2008, 11, 249-263.	0.6	14
29	On the use of data from multiple mobile network operators in Europe to fight COVID-19. <i>Data & Policy</i> , 2021, 3, .	1.8	12
30	ISIS at Its Apogee: The Arabic Discourse on Twitter and What We Can Learn From That About ISIS Support and Foreign Fighters. <i>SAGE Open</i> , 2019, 9, 215824401878922.	1.7	11
31	Mobility functional areas and COVID-19 spread. <i>Transportation</i> , 2022, 49, 1999-2025.	4.0	11
32	Least-squares change-point estimation for the telegraph process observed at discrete times. <i>Statistics</i> , 2011, 45, 349-359.	0.6	10
33	Efficient Estimation of Dynamical Systems. <i>Studies in Nonlinear Dynamics and Econometrics</i> , 2000, 4, 213-226.	0.3	10
34	Clustering of discretely observed diffusion processes. <i>Computational Statistics and Data Analysis</i> , 2010, 54, 598-606.	1.2	9
35	On a family of test statistics for discretely observed diffusion processes. <i>Journal of Multivariate Analysis</i> , 2013, 122, 292-316.	1.0	9
36	An Italian Composite Subjective Well-Being Index: The Voice of Twitter Users from 2012 to 2017. <i>Social Indicators Research</i> , 2022, 161, 471-489.	2.7	9

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37	Numerical Analysis of Volatility Change Point Estimators for Discretely Sampled Stochastic Differential Equations. <i>Economic Notes</i> , 2010, 39, 107-127.	0.4	7
38	Mobility in Blue-Green Spaces Does Not Predict COVID-19 Transmission: A Global Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12567.	2.6	7
39	Statistical analysis of stochastic resonance with ergodic diffusion noise. <i>Stochastic and Stochastics Reports</i> , 2002, 73, 271-285.	0.6	5
40	Estimating unobservable signal by Markovian noise induction. <i>Statistical Methods and Applications</i> , 2003, 12, 153-167.	1.2	5
41	Does European Monetary Union make inflation dynamics more uniform?. <i>Applied Economics Letters</i> , 2014, 21, 391-396.	1.8	5
42	Discrete-Time Approximation of a Garch(p, q) Model and its Estimation. <i>Journal of Time Series Analysis</i> , 2018, 39, 787-809.	1.2	5
43	Semiparametric Estimation of the State of a Dynamical System with Small Noise. <i>Statistical Inference for Stochastic Processes</i> , 2000, 3, 277-288.	0.6	4
44	Parametric estimation for partially hidden diffusion processes sampled at discrete times. <i>Stochastic Processes and Their Applications</i> , 2009, 119, 1580-1600.	0.9	3
45	On penalized estimation for dynamical systems with small noise. <i>Electronic Journal of Statistics</i> , 2018, 12, .	0.7	3
46	Anomaly detection of mobile positioning data with applications to COVID-19 situational awareness. <i>Japanese Journal of Statistics and Data Science</i> , 2021, 4, 763-781.	1.2	3
47	Teachers' evaluations and students' achievement: a deviation from the reference analysis. <i>Education Economics</i> , 2011, 19, 139-159.	1.1	2
48	Empirical L^2 -distance test statistics for ergodic diffusions. <i>Statistical Inference for Stochastic Processes</i> , 2019, 22, 233-261.	0.6	2
49	Is Japanese Gendered Language used on Twitter? A Large Scale Study. <i>Online Journal of Communication and Media Technologies</i> , 2020, 10, e202024.	0.7	2
50	Temporary Agency Workers in Italy: Alternative Techniques of Classification. <i>Labour</i> , 2004, 18, 699-725.	0.6	1
51	Divergences test statistics for discretely observed diffusion processes. <i>Journal of Statistical Planning and Inference</i> , 2010, 140, 1744-1753.	0.6	1
52	EU regional unemployment as a transnational matter: An analysis via the Gompertz diffusion process. <i>Papers in Regional Science</i> , 2015, 94, 703-727.	1.9	1
53	Semiparametric estimation of a functional of the drift coefficient for a non-homogeneous dynamical system with small noise. <i>Journal of Nonparametric Statistics</i> , 2000, 13, 129-151.	0.9	0
54	Explaining the travelling behaviour of migrants using Facebook audience estimates. <i>PLoS ONE</i> , 2020, 15, e0238947.	2.5	0

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55	A proposal to deal with sampling bias in social network big data. , 0, , .		0
56	Don't ask, just listen â€¦ Using social networks to measure subjective well-being. Significance, 2022, 19, 10-15.	0.4	0