

Cosimo Magazzino

List of Publications by Year in descending order

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92
papers

3,521
citations

126907

33
h-index

175258

52
g-index

98
all docs

98
docs citations

98
times ranked

1678
citing authors

#	ARTICLE	IF	CITATIONS
1	A machine learning approach on the relationship among solar and wind energy production, coal consumption, GDP, and CO ₂ emissions. <i>Renewable Energy</i> , 2021, 167, 99-115.	8.9	228
2	The relationship between air pollution and COVID-19-related deaths: An application to three French cities. <i>Applied Energy</i> , 2020, 279, 115835.	10.1	157
3	A Machine Learning analysis of the relationship among iron and steel industries, air pollution, and economic growth in China. <i>Journal of Cleaner Production</i> , 2020, 277, 123293.	9.3	131
4	The role of renewable energy and natural resources for sustainable agriculture in ASEAN countries: Do carbon emissions and deforestation affect agriculture productivity?. <i>Resources Policy</i> , 2022, 76, 102578.	9.6	124
5	The relationship between CO ₂ emissions, energy consumption and economic growth in Italy. <i>International Journal of Sustainable Energy</i> , 2016, 35, 844-857.	2.4	117
6	The relationship between municipal solid waste and greenhouse gas emissions: Evidence from Switzerland. <i>Waste Management</i> , 2020, 113, 508-520.	7.4	116
7	Modeling the nexus between pollutant emission, energy consumption, foreign direct investment, and economic growth: new insights from China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 17831-17842.	5.3	110
8	Pollution, economic growth, and COVID-19 deaths in India: a machine learning evidence. <i>Environmental Science and Pollution Research</i> , 2021, 28, 2669-2677.	5.3	107
9	Waste generation, wealth and GHG emissions from the waste sector: Is Denmark on the path towards circular economy?. <i>Science of the Total Environment</i> , 2021, 755, 142510.	8.0	92
10	The relationship among economic growth, CO ₂ emissions, and energy use in the APEC countries: a panel VAR approach. <i>Environment Systems and Decisions</i> , 2017, 37, 353-366.	3.4	88
11	The determinants of CO ₂ emissions in MENA countries: a responsiveness scores approach. <i>International Journal of Sustainable Development and World Ecology</i> , 2019, 26, 522-534.	5.9	88
12	Renewable energy consumption, environmental degradation and economic growth: the greener the richer?. <i>Ecological Indicators</i> , 2022, 139, 108912.	6.3	73
13	The relationship between real GDP, CO ₂ emissions, and energy use in the GCC countries: A time series approach. <i>Cogent Economics and Finance</i> , 2016, 4, 1152729.	2.1	71
14	Nature and climate change effects on economic growth: an LSTM experiment on renewable energy resources. <i>Environmental Science and Pollution Research</i> , 2021, 28, 41127-41134.	5.3	71
15	The nexus between COVID-19 deaths, air pollution and economic growth in New York state: Evidence from Deep Machine Learning. <i>Journal of Environmental Management</i> , 2021, 286, 112241.	7.8	70
16	The nexus between information technology and environmental pollution: Application of a new machine learning algorithm to OECD countries. <i>Utilities Policy</i> , 2021, 72, 101256.	4.0	68
17	On the relationship between transportation infrastructure and economic development in China. <i>Research in Transportation Economics</i> , 2021, 88, 100947.	4.1	67
18	CO ₂ emissions, economic growth, and energy use in the Middle East countries: A panel VAR approach. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2016, 11, 960-968.	3.4	64

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19	Energy consumption and economic growth in Italy: A wavelet analysis. <i>Energy Reports</i> , 2021, 7, 1520-1528.	5.1	60
20	The Relationship between Renewable Energy and Economic Growth in a Time of Covid-19: A Machine Learning Experiment on the Brazilian Economy. <i>Sustainability</i> , 2021, 13, 1285.	3.2	59
21	Wagner versus Keynes: Public spending and national income in Italy. <i>Journal of Policy Modeling</i> , 2012, 34, 890-905.	3.1	58
22	Assessing the relationship among waste generation, wealth, and GHG emissions in Switzerland: Some policy proposals for the optimization of the municipal solid waste in a circular economy perspective. <i>Journal of Cleaner Production</i> , 2022, 351, 131555.	9.3	58
23	GDP, energy consumption and financial development in Italy. <i>International Journal of Energy Sector Management</i> , 2018, 12, 28-43.	2.3	55
24	Modeling the dynamic Nexus among coal consumption, pollutant emissions and real income: empirical evidence from South Africa. <i>Environmental Science and Pollution Research</i> , 2020, 27, 8772-8782.	5.3	55
25	A D2C algorithm on the natural gas consumption and economic growth: Challenges faced by Germany and Japan. <i>Energy</i> , 2021, 219, 119586.	8.8	55
26	Investigating the link among ICT, electricity consumption, air pollution, and economic growth in EU countries. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2021, 16, 976-998.	3.4	55
27	Can biomass energy curtail environmental pollution? A quantum model approach to Germany. <i>Journal of Environmental Management</i> , 2021, 287, 112293.	7.8	51
28	NO2 levels as a contributing factor to COVID-19 deaths: The first empirical estimate of threshold values. <i>Environmental Research</i> , 2021, 194, 110663.	7.5	47
29	The trilemma of innovation, logistics performance, and environmental quality in 25 topmost logistics countries: A quantile regression evidence. <i>Journal of Cleaner Production</i> , 2021, 322, 129050.	9.3	47
30	Energy consumption and GDP in Italy: cointegration and causality analysis. <i>Environment, Development and Sustainability</i> , 2015, 17, 137-153.	5.0	46
31	Coronavirus (COVID-19) in Italy: knowledge, management of patients and clinical experience of Italian dentists during the spread of contagion. <i>BMC Oral Health</i> , 2020, 20, 200.	2.3	41
32	Electricity demand, GDP and employment: evidence from Italy. <i>Frontiers in Energy</i> , 2014, 8, 31-40.	2.3	40
33	The relationship between nuclear energy consumption and economic growth: evidence from Switzerland. <i>Environmental Research Letters</i> , 2020, 15, 0940a5.	5.2	39
34	On the Relationship between Disaggregated Energy Production and GDP in Italy. <i>Energy and Environment</i> , 2012, 23, 1191-1207.	4.6	38
35	Revisiting the dynamic interactions between economic growth and environmental pollution in Italy: evidence from a gradient descent algorithm. <i>Environmental Science and Pollution Research</i> , 2021, 28, 52188-52201.	5.3	33
36	A new artificial neural networks algorithm to analyze the nexus among logistics performance, energy demand, and environmental degradation. <i>Structural Change and Economic Dynamics</i> , 2022, 60, 315-328.	4.5	33

#	ARTICLE	IF	CITATIONS
37	Is per capita energy use stationary? Panel data evidence for the EMU countries. Energy Exploration and Exploitation, 2016, 34, 440-448.	2.3	29
38	A new machine learning algorithm to explore the CO ₂ emissions-energy use-economic growth trilemma. Annals of Operations Research, 0, , .	4.1	29
39	A panel data analysis of the fiscal sustainability of G-7 countries. Journal of Economic Asymmetries, 2019, 20, e00127.	3.5	28
40	Fiscal Sustainability in the EU. Atlantic Economic Journal, 2018, 46, 297-311.	0.5	27
41	The Determinants of Health Expenditure in Italian Regions. International Journal of Economics and Finance, 2012, 4, .	0.3	26
42	Testing the stationarity and convergence of CO ₂ emissions series in MENA countries. International Journal of Energy Sector Management, 2019, 13, 977-990.	2.3	26
43	Does export product diversification spur energy demand in the APEC region? Application of a new neural networks experiment and a Decision Tree model. Energy and Buildings, 2022, 258, 111820.	6.7	26
44	The Causal Relationship between Primary Energy Consumption and Economic Growth in Israel: A Multivariate Approach. International Review of Environmental and Resource Economics, 2020, 14, 417-491.	1.3	25
45	Public Expenditure and Revenue in Italy, 1862â€“1993. Economic Notes, 2012, 41, 145-172.	0.4	24
46	Twin Deficits in the European Countries. International Advances in Economic Research, 2013, 19, 289-310.	0.8	24
47	A wavelet analysis of Italian fiscal sustainability. Journal of Economic Structures, 2019, 8, .	1.6	23
48	Using an Artificial Neural Networks Experiment to Assess the Links among Financial Development and Growth in Agriculture. Sustainability, 2021, 13, 2828.	3.2	23
49	Is per capita energy use stationary? Time series evidence for the EMU countries. Energy Exploration and Exploitation, 2017, 35, 24-32.	2.3	22
50	Heterogeneous effects of temperature and emissions on economic productivity across climate regimes. Science of the Total Environment, 2021, 775, 145893.	8.0	22
51	The relationship among railway networks, energy consumption, and real added value in Italy. Evidence form ARDL and Wavelet analysis. Research in Transportation Economics, 2021, 90, 101126.	4.1	22
52	Assessing a fossil fuels externality with a new neural networks and image optimisation algorithm: the case of atmospheric pollutants as confounders to COVID-19 lethality. Epidemiology and Infection, 2022, 150, 1-35.	2.1	22
53	Stationarity of electricity series in MENA countries. Electricity Journal, 2017, 30, 16-22.	2.5	21
54	Government debt in EMU countries. Journal of Economic Asymmetries, 2018, 18, e00096.	3.5	19

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55	Innovation, income, and waste disposal operations in Korea: evidence from a spectral granger causality analysis and artificial neural networks experiments. <i>Economia Politica</i> , 2022, 39, 427-459.	2.2	19
56	On the Italian public accounts' sustainability: A wavelet approach. <i>International Journal of Finance and Economics</i> , 2022, 27, 943-952.	3.5	18
57	Time-frequency analysis between Bloomberg Commodity Index (BCOM) and WTI crude oil prices. <i>Resources Policy</i> , 2022, 78, 102823.	9.6	18
58	Economic growth, CO ₂ emissions and energy use in Israel. <i>International Journal of Sustainable Development and World Ecology</i> , 0, , 1-9.	5.9	17
59	The Sustainability of Italian Public Debt and Deficit. <i>International Advances in Economic Research</i> , 2017, 23, 9-20.	0.8	17
60	Government Size and Economic Growth in Italy: A Time-series Analysis. <i>European Scientific Journal</i> , 2016, 12, 149.	0.1	17
61	The Relationship Between Revenue and Expenditure in the ASEAN Countries. <i>East Asia</i> , 2014, 31, 203-221.	0.9	16
62	Government Expenditures and Revenues in Italy in a Long-run Perspective. <i>Journal of Quantitative Economics</i> , 2019, 17, 361-375.	0.7	15
63	Do gasoline and diesel prices co-move? Evidence from the time-frequency domain. <i>Environmental Science and Pollution Research</i> , 2022, 29, 68776-68795.	5.3	15
64	Sustainability and comovement of government debt in EMU Countries: A panel data analysis. <i>Southern Economic Journal</i> , 2018, 85, 189-202.	2.1	14
65	The sustainability of Italian fiscal policy: myth or reality?. <i>Economic Research-Ekonomska Istrazivanja</i> , 2019, 32, 772-796.	4.7	14
66	Are shocks to natural gas consumption transitory or permanent? A more powerful panel unit root test on the G7 countries. <i>Natural Resources Forum</i> , 2019, 43, 111-120.	3.6	14
67	Fiscal policies in EMU countries: strategies and empirical evidence. <i>Journal of International Trade Law and Policy</i> , 2016, 15, 67-98.	0.8	13
68	Government size, decentralization and growth: empirical evidence from Italian regions. <i>Applied Economics</i> , 2018, 50, 2777-2791.	2.2	12
69	A Dynamic Factor and Neural Networks Analysis of the Co-movement of Public Revenues in the EMU. <i>Italian Economic Journal</i> , 2022, 8, 289-338.	1.8	11
70	Designing Smart Energy Systems in an Industry 4.0 Paradigm towards Sustainable Environment. <i>Sustainability</i> , 2022, 14, 3315.	3.2	11
71	Energy Use and GDP in Israel. <i>Journal of Sustainable Development</i> , 2015, 8, 89.	0.3	9
72	Ricardian equivalence and twin deficits hypotheses in the euro area. <i>Journal of Social and Economic Development</i> , 2015, 17, 148-166.	1.3	9

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73	Black boxes and market efficiency: the effect on premiums in the Italian motor-vehicle insurance market. <i>European Journal of Law and Economics</i> , 2020, 49, 455-472.	1.1	9
74	Sustainability of Italian budgetary policies: a time series analysis (1862-2013). <i>European Journal of Government and Economics</i> , 2018, 6, 126-145.	0.5	9
75	Can a change in FDI accelerate GDP growth? Time-series and ANNs evidence on Malta. <i>Journal of Economic Asymmetries</i> , 2022, 25, e00243.	3.5	9
76	Revenue and Expenditure Nexus: A Case Study of ECOWAS. <i>Economics</i> , 2013, 7, .	0.6	8
77	Early development of Italian railways and industrial growth: A regional analysis. <i>Research in Transportation Economics</i> , 2021, 88, 100916.	4.1	8
78	Fiscal variables and growth convergence in the ECOWAS. <i>African Journal of Economic and Management Studies</i> , 2016, 7, 147-163.	1.1	7
79	Testing the convergence and the divergence in five Asian countries: from a GMM model to a new Machine Learning algorithm. <i>Journal of Economic Studies</i> , 2022, 49, 1002-1016.	1.9	6
80	The relationship among renewable energy, economic growth, labor and capital formation in Italy. <i>Rivista Di Studi Sulla Sostenibilita</i> , 2018, , 35-48.	0.2	5
81	The Italian fiscal sustainability in a long-run perspective. <i>Journal of Economic Asymmetries</i> , 2022, 26, e00254.	3.5	5
82	Fiscal sustainability in the GCC countries. <i>International Journal of Economic Policy Studies</i> , 2022, 16, 389-408.	0.6	5
83	Twin Deficits or Ricardian Equivalence? Empirical Evidence in the APEC Countries. <i>Asian Economic and Financial Review</i> , 2017, 7, 959-971.	0.7	4
84	Optimal size of governments and the optimal ratio between current and capital expenditure. , 2014, , .		4
85	The twin deficits in the ASEAN countries. <i>Evolutionary and Institutional Economics Review</i> , 2021, 18, 227-248.	0.6	3
86	Counterfeiting in Italian regions: an empirical analysis based on new data. <i>Journal of Financial Crime</i> , 2014, 21, 400-410.	1.2	2
87	Wagner's Law, Government Size and Economic Growth: An Empirical Test and Theoretical Explanations for Italy 1861-2008. <i>The European Heritage in Economics and the Social Sciences</i> , 2018, , 129-151.	0.1	2
88	GSP and Health Expenditure in Italian Regions. <i>International Journal of Business and Management</i> , 2011, 6, .	0.2	1
89	A Neural Network Evidence of the Nexus Among Air Pollution, Economic Growth, and COVID-19 Deaths in the Hubei Area. <i>Advances in Environmental and Engineering Research</i> , 2021, 02, 1-1.	0.8	1
90	Editorial: Transport infrastructures: Investments, evaluation and regional economic growth. <i>Research in Transportation Economics</i> , 2021, 88, 101125.	4.1	1

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91	A new approach to the Scoreboard. <i>Journal of Economic Studies</i> , 2015, 42, 659-688.	1.9	0
92	The global financial crisis and its effects on the international monetary funds. <i>Brazilian Journal of Political Economy</i> , 2022, 42, 5-24.	0.4	0