Paolo Agnolucci

List of Publications by Year
in descending order

42 papers	3,088 citations	236925 25 h-index	302126 39 g-index
42 all docs	42 docs citations	42 times ranked	4129 citing authors

#	Article	IF	Citations
1	Health and climate change: policy responses to protect public health. Lancet, The, 2015, 386, 1861-1914.	13.7	1,311
2	Volatility in crude oil futures: A comparison of the predictive ability of GARCH and implied volatility models. Energy Economics, 2009, 31, 316-321.	12.1	230
3	Towards a sustainable hydrogen economy: Optimisation-based framework for hydrogen infrastructure development. Computers and Chemical Engineering, 2017, 102, 110-127.	3.8	131
4	The impact of Chinese carbon emission trading scheme (ETS) on low carbon energy (LCE) investment. Energy Policy, 2016, 89, 271-283.	8.8	121
5	Economics and market prospects of portable fuel cellsâ˜†. International Journal of Hydrogen Energy, 2007, 32, 4319-4328.	7.1	93
6	The Tyndall decarbonisation scenariosâ€"Part I: Development of a backcasting methodology with stakeholder participation. Energy Policy, 2008, 36, 3754-3763.	8.8	88
7	Hydrogen infrastructure for the transport sectorâ˜†. International Journal of Hydrogen Energy, 2007, 32, 3526-3544.	7.1	84
8	A review of Chinese CO₂emission projections to 2030: the role of economic structure and policy. Climate Policy, 2015, 15, S7-S39.	5.1	80
9	Designing future hydrogen infrastructure: Insights from analysis at different spatial scales. International Journal of Hydrogen Energy, 2013, 38, 5181-5191.	7.1	71
10	Impacts of rising temperatures and farm management practices on global yields of 18 crops. Nature Food, 2020, 1, 562-571.	14.0	70
11	The importance of economies of scale, transport costs and demand patterns in optimising hydrogen fuelling infrastructure: An exploration with SHIPMod (Spatial hydrogen infrastructure planning) Tj ETQq1 1 0.784314 rgBT /Overlock 10	7.1	62
12	The effect of financial constraints, technological progress and long-term contracts on tradable green certificates. Energy Policy, 2007, 35, 3347-3359.	8.8	52
13	Different scenarios for achieving radical reduction in carbon emissions: A decomposition analysis. Ecological Economics, 2009, 68, 1652-1666.	5.7	52
14	Wind electricity in Denmark: A survey of policies, their effectiveness and factors motivating their introduction. Renewable and Sustainable Energy Reviews, 2007, 11, 951-963.	16.4	47
15	Prospects of fuel cell auxiliary power units in the civil marketsâ˜†. International Journal of Hydrogen Energy, 2007, 32, 4306-4318.	7.1	47
16	Use of economic instruments in the German renewable electricity policy. Energy Policy, 2006, 34, 3538-3548.	8.8	45
17	The Tyndall decarbonisation scenariosâ€"Part II: Scenarios for a 60% CO2 reduction in the UK. Energy Policy, 2008, 36, 3764-3773.	8.8	43
18	Technological change in niches: Auxiliary Power Units and the hydrogen economy. Technological Forecasting and Social Change, 2007, 74, 1394-1410.	11.6	35

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19	Energy efficiency and time charter rates: Energy efficiency savings recovered by ship owners in the Panamax market. Transportation Research, Part A: Policy and Practice, 2014, 66, 173-184.	4.2	35
20	Industrial characteristics and air emissions: Long-term determinants in the UK manufacturing sector. Energy Economics, 2019, 78, 546-566.	12.1	33
21	An optimisation framework for the strategic design of synthetic natural gas (BioSNG) supply chains. Applied Energy, 2017, 187, 929-955.	10.1	32
22	The causal impact of economic growth on material use in Europe. Journal of Environmental Economics and Policy, 2017, 6, 415-432.	2.5	31
23	Long-run trend in agricultural yield and climatic factors in Europe. Climatic Change, 2020, 159, 385-405.	3.6	30
24	The energy demand in the British and German industrial sectors: Heterogeneity and common factors. Energy Economics, 2009, 31, 175-187.	12.1	29
25	The influence of the global electric power system on terrestrial biodiversity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26078-26084.	7.1	27
26	The effect of the German and British environmental taxation reforms: A simple assessment. Energy Policy, 2009, 37, 3043-3051.	8.8	26
27	Renewable electricity policies in The Netherlands. Renewable Energy, 2007, 32, 868-883.	8.9	24
28	Industrial energy intensities in the UK: is there a deterministic or stochastic difference among sectors?. Applied Economics, 2011, 43, 1447-1462.	2.2	23
29	Annual average daily traffic estimation in England and Wales: An application of clustering and regression modelling. Journal of Transport Geography, 2020, 83, 102658.	5.0	23
30	Factors influencing the likelihood of regulatory changes in renewable electricity policies. Renewable and Sustainable Energy Reviews, 2008, 12, 141-161.	16.4	22
31	Trade and trade-offs: Shipping in changing climates. Marine Policy, 2019, 106, 103537.	3.2	17
32	Modelling UK sub-sector industrial energy demand. Energy Economics, 2017, 67, 366-374.	12.1	16
33	Stochastic Trends and Technical Change: The Case of Energy Consumption in the British Industrial and Domestic Sectors. Energy Journal, 2010, 31, 111-136.	1.7	14
34	Uncertainty and the Tyndall decarbonisation scenarios. Global Environmental Change, 2007, 17, 25-36.	7.8	12
35	The importance and the policy impacts of post-contractual opportunism and competition in the English and Welsh non-fossil fuel obligation. Energy Policy, 2007, 35, 475-486.	8.8	11
36	Technological transitions and Strategic Niche Management: the case of the hydrogen economy. International Journal of Environmental Technology and Management, 2007, 7, 644.	0.2	7

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37	Towards a sustainable hydrogen economy: role of carbon price for achieving GHG emission targets. Computer Aided Chemical Engineering, 2016, , 1015-1020.	0.5	5
38	New lessons for technology policy and climate change: investment for innovation. Climate Policy, 2007, 7, 156-161.	5.1	3
39	Road Emissions in London: Insights from Geographically Detailed Classification and Regression Modelling. Atmosphere, 2021, 12, 188.	2.3	3
40	The Effect of the German and UK Environmental Tax Reforms on the Demand for Labour and Energy. , 2011, , 148-171.		2
41	Energy Consumption and CO2 Emissions in the German and British Industrial Sectors. , 2011, , 46-83.		1
42	Is Environmental Tax Reform an Appropriate Policy for Industrial Sectors with Different Energy Intensities? An Analysis of UK Industrial Sectors. , 2011, , 84-96.		0