

Theodoros Zachariadis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

1,239
citations

20
h-index

34
g-index

55
ext. papers

1,414
ext. citations

5.7
avg, IF

5.08
L-index

#	Paper	IF	Citations
52	A decomposition and decoupling analysis of carbon dioxide emissions from electricity generation: Evidence from the EU-27 and the UK. <i>Energy</i> , 2021 , 231, 120861	7.9	14
51	A multi-objective optimisation approach to explore decarbonisation pathways in a dynamic policy context. <i>Journal of Cleaner Production</i> , 2021 , 319, 128623	10.3	
50	Estimating the economy-wide impacts of energy policies in Cyprus. <i>Energy Strategy Reviews</i> , 2020 , 29, 100495	9.8	7
49	On the cost-effectiveness of national economy-wide greenhouse gas emissions abatement measures. <i>Energy Policy</i> , 2019 , 128, 519-529	7.2	14
48	Optimal Timing of Greenhouse Gas Emissions Abatement in Europe. <i>Energies</i> , 2019 , 12, 1872	3.1	3
47	Anthropogenic greenhouse gas concentrations and global temperature: a smooth transition analysis. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	1
46	Green roofs dissemination regarding their potential contribution in addressing the UHI effect. <i>Acta Innovations</i> , 2019 , 71-85	1.1	
45	Implementation of green roof technology in residential buildings and neighborhoods of Cyprus. <i>Sustainable Cities and Society</i> , 2018 , 40, 233-243	10.1	29
44	Determination of Cost-Effective Energy Efficiency Measures in Buildings with the Aid of Multiple Indices. <i>Energies</i> , 2018 , 11, 191	3.1	12
43	Quantifying the water-energy nexus in Greece. <i>International Journal of Sustainable Energy</i> , 2017 , 36, 972-982	2.7	8
42	Nearly-zero Energy Buildings: Cost-optimal Analysis of Building Envelope Characteristics. <i>Procedia Environmental Sciences</i> , 2017 , 38, 20-27		28
41	A study on hot-water production of hotels in Cyprus: Energy and environmental considerations. <i>Energy and Buildings</i> , 2017 , 150, 1-12	7	12
40	Energy, environmental and economic assessment of electricity savings from the operation of green roofs in urban office buildings of a warm Mediterranean region. <i>Journal of Cleaner Production</i> , 2017 , 168, 346-356	10.3	26
39	Evaluation of ground source heat pump systems for residential buildings in warm Mediterranean regions: the example of Cyprus. <i>Energy Efficiency</i> , 2016 , 9, 1421-1436	3	16
38	Climate Change Impacts. <i>SpringerBriefs in Environmental Science</i> , 2016 , 25-49	0.5	
37	After "Dieselgate" Regulations or economic incentives for a successful environmental policy?. <i>Atmospheric Environment</i> , 2016 , 138, 1-3	5.3	17
36	Exploring drivers of energy demand in Cyprus – Scenarios and policy options. <i>Energy Policy</i> , 2015 , 86, 166-175	7.2	9

35	Policy-relevant indicators for semi-arid nations: The water footprint of crop production and supply utilization of Cyprus. <i>Ecological Indicators</i> , 2014 , 43, 205-214	5.8	51
34	The effect of climate change on electricity needs [A case study from Mediterranean Europe. <i>Energy</i> , 2014 , 76, 899-910	7.9	34
33	Household transport consumption inequalities and redistributive effects of taxes: A repeated cross-sectional evaluation for France, Denmark and Cyprus. <i>Transport Policy</i> , 2014 , 36, 206-216	5.7	13
32	Estimating welfare aspects of changes in energy prices from preference heterogeneity. <i>Energy Economics</i> , 2014 , 42, 58-66	8.3	13
31	Welfare Implications of Car Feebates: A Simulation Analysis. <i>Economic Journal</i> , 2014 , 124, F420-F443	2.9	24
30	Quantifying the Poorly Known Role of Groundwater in Agriculture: the Case of Cyprus. <i>Water Resources Management</i> , 2013 , 27, 2501-2514	3.7	14
29	European energy policy[A review. <i>Energy Policy</i> , 2013 , 62, 1020-1030	7.2	89
28	Operation characteristics and experience of a ground source heat pump system with a vertical ground heat exchanger. <i>Energy</i> , 2013 , 51, 349-357	7.9	53
27	An Econometric Analysis of Residential Water Demand in Cyprus. <i>Water Resources Management</i> , 2013 , 27, 309-317	3.7	19
26	Gasoline, diesel and climate policy implications[Insights from the recent evolution of new car sales in Germany. <i>Energy Policy</i> , 2013 , 54, 23-32	7.2	10
25	Trade-offs in CO2-oriented vehicle tax reforms: A case study of Greece. <i>Transportation Research, Part D: Transport and Environment</i> , 2012 , 17, 451-456	6.4	8
24	The costs of power outages: A case study from Cyprus. <i>Energy Policy</i> , 2012 , 51, 630-641	7.2	32
23	Medium-term energy outlook for Cyprus and its policy implications. <i>Energy Policy</i> , 2011 , 39, 6631-6635	7.2	2
22	Residential Water Scarcity in Cyprus: Impact of Climate Change and Policy Options. <i>Water (Switzerland)</i> , 2010 , 2, 788-814	3	22
21	Forecast of electricity consumption in Cyprus up to the year 2030: The potential impact of climate change. <i>Energy Policy</i> , 2010 , 38, 744-750	7.2	34
20	CO2 benefit from the increasing percentage of diesel passenger cars in Switzerland. <i>International Journal of Environmental Technology and Management</i> , 2009 , 10, 102	0.6	
19	The effect of improved safety on fuel economy of European cars. <i>Transportation Research, Part D: Transport and Environment</i> , 2008 , 13, 133-139	6.4	11
18	The effect of standards and fuel prices on automobile fuel economy: An international analysis. <i>Energy Economics</i> , 2008 , 30, 2657-2672	8.3	60

17	European Automobile CO2 Emissions: From Forecasts to Reality. <i>Alliance for Global Sustainability Bookseries</i> , 2008 , 193-206		
16	An empirical analysis of electricity consumption in Cyprus. <i>Energy Economics</i> , 2007 , 29, 183-198	8.3	125
15	Exploring the relationship between energy use and economic growth with bivariate models: New evidence from G-7 countries. <i>Energy Economics</i> , 2007 , 29, 1233-1253	8.3	119
14	Engineering-economic simulations of sustainable transport policies. <i>Alliance for Global Sustainability Bookseries</i> , 2007 , 3-12		
13	On the baseline evolution of automobile fuel economy in Europe. <i>Energy Policy</i> , 2006 , 34, 1773-1785	7.2	66
12	Assessing policies towards sustainable transport in Europe: an integrated model. <i>Energy Policy</i> , 2005 , 33, 1509-1525	7.2	25
11	Long-term outlook of energy use and CO2 emissions from transport in Central and Eastern Europe. <i>Energy Policy</i> , 2003 , 31, 759-773	7.2	19
10	Spatial and temporal characteristics of air pollutant emissions in Thessaloniki, Greece: investigation of emission abatement measures. <i>Science of the Total Environment</i> , 2002 , 300, 99-113	10.2	26
9	An outline of the 1994-1998 European inspection and maintenance study: part I-design, tests, and results of experimental methods. <i>Journal of the Air and Waste Management Association</i> , 2001 , 51, 913-38 ^{2.4}	2.4	7
8	Validation of road transport statistics through energy efficiency calculations. <i>Energy</i> , 2001 , 26, 467-491	7.9	9
7	The effect of age and technological change on motor vehicle emissions. <i>Transportation Research, Part D: Transport and Environment</i> , 2001 , 6, 221-227	6.4	55
6	A methodology and a database for forecasting anthropogenic atmospheric emissions in Europe. <i>Atmospheric Environment</i> , 1999 , 33, 3389-3404	5.3	8
5	An Integrated Modeling System for the Estimation of Motor Vehicle Emissions. <i>Journal of the Air and Waste Management Association</i> , 1999 , 49, 1010-1026	2.4	27
4	Alternative short tests for inspection and maintenance of in-use cars with respect to their emissions performance. <i>International Journal of Vehicle Design</i> , 1998 , 20, 292	2.4	7
3	Replacement catalysts for in-use cars. <i>International Journal of Vehicle Design</i> , 1998 , 20, 253	2.4	1
2	Dynamic modeling of vehicle populations: An engineering approach for emissions calculations. <i>Technological Forecasting and Social Change</i> , 1995 , 50, 135-149	9.5	45
1	Reconciliation of macroscale and microscale motor vehicle emission estimates. <i>Science of the Total Environment</i> , 1995 , 169, 231-239	10.2	15