

# Theodoros Zachariadis

## List of Publications by Citations

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**Version:** 2024-04-27

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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	An empirical analysis of electricity consumption in Cyprus. <i>Energy Economics</i> , <b>2007</b> , 29, 183-198	8.3	125
51	Exploring the relationship between energy use and economic growth with bivariate models: New evidence from G-7 countries. <i>Energy Economics</i> , <b>2007</b> , 29, 1233-1253	8.3	119
50	European energy policy review. <i>Energy Policy</i> , <b>2013</b> , 62, 1020-1030	7.2	89
49	On the baseline evolution of automobile fuel economy in Europe. <i>Energy Policy</i> , <b>2006</b> , 34, 1773-1785	7.2	66
48	The effect of standards and fuel prices on automobile fuel economy: An international analysis. <i>Energy Economics</i> , <b>2008</b> , 30, 2657-2672	8.3	60
47	The effect of age and technological change on motor vehicle emissions. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2001</b> , 6, 221-227	6.4	55
46	Operation characteristics and experience of a ground source heat pump system with a vertical ground heat exchanger. <i>Energy</i> , <b>2013</b> , 51, 349-357	7.9	53
45	Policy-relevant indicators for semi-arid nations: The water footprint of crop production and supply utilization of Cyprus. <i>Ecological Indicators</i> , <b>2014</b> , 43, 205-214	5.8	51
44	Dynamic modeling of vehicle populations: An engineering approach for emissions calculations. <i>Technological Forecasting and Social Change</i> , <b>1995</b> , 50, 135-149	9.5	45
43	The effect of climate change on electricity needs A case study from Mediterranean Europe. <i>Energy</i> , <b>2014</b> , 76, 899-910	7.9	34
42	Forecast of electricity consumption in Cyprus up to the year 2030: The potential impact of climate change. <i>Energy Policy</i> , <b>2010</b> , 38, 744-750	7.2	34
41	The costs of power outages: A case study from Cyprus. <i>Energy Policy</i> , <b>2012</b> , 51, 630-641	7.2	32
40	Implementation of green roof technology in residential buildings and neighborhoods of Cyprus. <i>Sustainable Cities and Society</i> , <b>2018</b> , 40, 233-243	10.1	29
39	Nearly-zero Energy Buildings: Cost-optimal Analysis of Building Envelope Characteristics. <i>Procedia Environmental Sciences</i> , <b>2017</b> , 38, 20-27		28
38	An Integrated Modeling System for the Estimation of Motor Vehicle Emissions. <i>Journal of the Air and Waste Management Association</i> , <b>1999</b> , 49, 1010-1026	2.4	27
37	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> , <b>2017</b> , 168, 346-356	10.3	26
36	Spatial and temporal characteristics of air pollutant emissions in Thessaloniki, Greece: investigation of emission abatement measures. <i>Science of the Total Environment</i> , <b>2002</b> , 300, 99-113	10.2	26

35	Assessing policies towards sustainable transport in Europe: an integrated model. <i>Energy Policy</i> , <b>2005</b> , 33, 1509-1525	7.2	25
34	Welfare Implications of Car Feebates: A Simulation Analysis. <i>Economic Journal</i> , <b>2014</b> , 124, F420-F443	2.9	24
33	Residential Water Scarcity in Cyprus: Impact of Climate Change and Policy Options. <i>Water (Switzerland)</i> , <b>2010</b> , 2, 788-814	3	22
32	An Econometric Analysis of Residential Water Demand in Cyprus. <i>Water Resources Management</i> , <b>2013</b> , 27, 309-317	3.7	19
31	Long-term outlook of energy use and CO2 emissions from transport in Central and Eastern Europe. <i>Energy Policy</i> , <b>2003</b> , 31, 759-773	7.2	19
30	After Dieselgate—Regulations or economic incentives for a successful environmental policy?. <i>Atmospheric Environment</i> , <b>2016</b> , 138, 1-3	5.3	17
29	Evaluation of ground source heat pump systems for residential buildings in warm Mediterranean regions: the example of Cyprus. <i>Energy Efficiency</i> , <b>2016</b> , 9, 1421-1436	3	16
28	Reconciliation of macroscale and microscale motor vehicle emission estimates. <i>Science of the Total Environment</i> , <b>1995</b> , 169, 231-239	10.2	15
27	On the cost-effectiveness of national economy-wide greenhouse gas emissions abatement measures. <i>Energy Policy</i> , <b>2019</b> , 128, 519-529	7.2	14
26	Quantifying the Poorly Known Role of Groundwater in Agriculture: the Case of Cyprus. <i>Water Resources Management</i> , <b>2013</b> , 27, 2501-2514	3.7	14
25	A decomposition and decoupling analysis of carbon dioxide emissions from electricity generation: Evidence from the EU-27 and the UK. <i>Energy</i> , <b>2021</b> , 231, 120861	7.9	14
24	Household transport consumption inequalities and redistributive effects of taxes: A repeated cross-sectional evaluation for France, Denmark and Cyprus. <i>Transport Policy</i> , <b>2014</b> , 36, 206-216	5.7	13
23	Estimating welfare aspects of changes in energy prices from preference heterogeneity. <i>Energy Economics</i> , <b>2014</b> , 42, 58-66	8.3	13
22	A study on hot-water production of hotels in Cyprus: Energy and environmental considerations. <i>Energy and Buildings</i> , <b>2017</b> , 150, 1-12	7	12
21	Determination of Cost-Effective Energy Efficiency Measures in Buildings with the Aid of Multiple Indices. <i>Energies</i> , <b>2018</b> , 11, 191	3.1	12
20	The effect of improved safety on fuel economy of European cars. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2008</b> , 13, 133-139	6.4	11
19	Gasoline, diesel and climate policy implications—Insights from the recent evolution of new car sales in Germany. <i>Energy Policy</i> , <b>2013</b> , 54, 23-32	7.2	10
18	Exploring drivers of energy demand in Cyprus—Scenarios and policy options. <i>Energy Policy</i> , <b>2015</b> , 86, 166-175	7.2	9

17	Validation of road transport statistics through energy efficiency calculations. <i>Energy</i> , <b>2001</b> , 26, 467-491	7.9	9
16	Quantifying the water-energy nexus in Greece. <i>International Journal of Sustainable Energy</i> , <b>2017</b> , 36, 972-982	2.7	8
15	Trade-offs in CO <sub>2</sub> -oriented vehicle tax reforms: A case study of Greece. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2012</b> , 17, 451-456	6.4	8
14	A methodology and a database for forecasting anthropogenic atmospheric emissions in Europe. <i>Atmospheric Environment</i> , <b>1999</b> , 33, 3389-3404	5.3	8
13	Estimating the economy-wide impacts of energy policies in Cyprus. <i>Energy Strategy Reviews</i> , <b>2020</b> , 29, 100495	9.8	7
12	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> , <b>2001</b> , 51, 913-38 <sup>2.4</sup>	2.4	7
11	Alternative short tests for inspection and maintenance of in-use cars with respect to their emissions performance. <i>International Journal of Vehicle Design</i> , <b>1998</b> , 20, 292	2.4	7
10	Optimal Timing of Greenhouse Gas Emissions Abatement in Europe. <i>Energies</i> , <b>2019</b> , 12, 1872	3.1	3
9	Medium-term energy outlook for Cyprus and its policy implications. <i>Energy Policy</i> , <b>2011</b> , 39, 6631-6635	7.2	2
8	Anthropogenic greenhouse gas concentrations and global temperature: a smooth transition analysis. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	1
7	Replacement catalysts for in-use cars. <i>International Journal of Vehicle Design</i> , <b>1998</b> , 20, 253	2.4	1
6	Climate Change Impacts. <i>SpringerBriefs in Environmental Science</i> , <b>2016</b> , 25-49	0.5	
5	CO <sub>2</sub> benefit from the increasing percentage of diesel passenger cars in Switzerland. <i>International Journal of Environmental Technology and Management</i> , <b>2009</b> , 10, 102	0.6	
4	Engineering-economic simulations of sustainable transport policies. <i>Alliance for Global Sustainability Bookseries</i> , <b>2007</b> , 3-12		
3	European Automobile CO <sub>2</sub> Emissions: From Forecasts to Reality. <i>Alliance for Global Sustainability Bookseries</i> , <b>2008</b> , 193-206		
2	Green roofs dissemination regarding their potential contribution in addressing the UHI effect. <i>Acta Innovations</i> , <b>2019</b> , 71-85	1.1	
1	A multi-objective optimisation approach to explore decarbonisation pathways in a dynamic policy context. <i>Journal of Cleaner Production</i> , <b>2021</b> , 319, 128623	10.3	