

Alexandros Nikas

List of Publications by Year in descending order

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44
papers

1,145
citations

393982

19
h-index

414034

32
g-index

48
all docs

48
docs citations

48
times ranked

745
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable energy transition readiness: A multicriteria assessment index. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 131, 109988.	8.2	117
2	Decision support models in climate policy. <i>European Journal of Operational Research</i> , 2020, 280, 1-24.	3.5	84
3	A multi-model analysis of long-term emissions and warming implications of current mitigation efforts. <i>Nature Climate Change</i> , 2021, 11, 1055-1062.	8.1	69
4	From Integrated to Integrative: Delivering on the Paris Agreement. <i>Sustainability</i> , 2018, 10, 2299.	1.6	65
5	Barriers to and consequences of a solar-based energy transition in Greece. <i>Environmental Innovation and Societal Transitions</i> , 2020, 35, 383-399.	2.5	63
6	Perspective of comprehensive and comprehensible multi-model energy and climate science in Europe. <i>Energy</i> , 2021, 215, 119153.	4.5	57
7	Pathways for the transition of the Polish power sector and associated risks. <i>Environmental Innovation and Societal Transitions</i> , 2020, 35, 271-291.	2.5	49
8	A group decision making tool for assessing climate policy risks against multiple criteria. <i>Heliyon</i> , 2018, 4, e00588.	1.4	41
9	The desirability of transitions in demand: Incorporating behavioural and societal transformations into energy modelling. <i>Energy Research and Social Science</i> , 2020, 70, 101780.	3.0	41
10	Managing stakeholder knowledge for the evaluation of innovation systems in the face of climate change. <i>Journal of Knowledge Management</i> , 2017, 21, 1013-1034.	3.2	36
11	Energy efficiency promotion in Greece in light of risk: Evaluating policies as portfolio assets. <i>Energy</i> , 2019, 170, 818-831.	4.5	36
12	A semi-quantitative modelling application for assessing energy efficiency strategies. <i>Applied Soft Computing Journal</i> , 2019, 76, 140-155.	4.1	33
13	Challenges in the harmonisation of global integrated assessment models: A comprehensive methodology to reduce model response heterogeneity. <i>Science of the Total Environment</i> , 2021, 783, 146861.	3.9	32
14	Contested energy futures, conflicted rewards? Examining low-carbon transition risks and governance dynamics in China's built environment. <i>Energy Research and Social Science</i> , 2020, 59, 101306.	3.0	30
15	Sustainable and socially just transition to a post-lignite era in Greece: a multi-level perspective. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2020, 15, 513-544.	1.8	30
16	Integrated policy assessment and optimisation over multiple sustainable development goals in Eastern Africa. <i>Environmental Research Letters</i> , 2019, 14, 094001.	2.2	27
17	Where is the EU headed given its current climate policy? A stakeholder-driven model inter-comparison. <i>Science of the Total Environment</i> , 2021, 793, 148549.	3.9	26
18	The importance of stakeholders in scoping risk assessments – Lessons from low-carbon transitions. <i>Environmental Innovation and Societal Transitions</i> , 2020, 35, 400-413.	2.5	25

#	ARTICLE	IF	CITATIONS
19	Exploring opportunities and risks for RES-E deployment under Cooperation Mechanisms between EU and Western Balkans: A multi-criteria assessment. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 80, 519-530.	8.2	22
20	Identifying optimal technological portfolios for European power generation towards climate change mitigation: A robust portfolio analysis approach. <i>Utilities Policy</i> , 2019, 57, 33-42.	2.1	21
21	A Detailed Overview and Consistent Classification of Climate-Economy Models. , 2019, , 1-54.		21
22	A multiple-uncertainty analysis framework for integrated assessment modelling of several sustainable development goals. <i>Environmental Modelling and Software</i> , 2020, 131, 104795.	1.9	19
23	The UK and German Low-Carbon Industry Transitions from a Sectoral Innovation and System Failures Perspective. <i>Energies</i> , 2020, 13, 4994.	1.6	17
24	A comparative study of biodiesel in Brazil and Argentina: An integrated systems of innovation perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 156, 112022.	8.2	17
25	AI and Data Democratisation for Intelligent Energy Management. <i>Energies</i> , 2021, 14, 4341.	1.6	16
26	Many Miles to Paris: A Sectoral Innovation System Analysis of the Transport Sector in Norway and Canada in Light of the Paris Agreement. <i>Sustainability</i> , 2020, 12, 5832.	1.6	14
27	The Green Versus Green Trap and a Way Forward. <i>Energies</i> , 2020, 13, 5473.	1.6	14
28	A robust augmented $\hat{\mu}$ -constraint method (AUGMECON-R) for finding exact solutions of multi-objective linear programming problems. <i>Operational Research</i> , 2022, 22, 1291-1332.	1.3	13
29	APOLLO: A Fuzzy Multi-criteria Group Decision-Making Tool in Support of Climate Policy. <i>International Journal of Computational Intelligence Systems</i> , 2020, 13, 1539.	1.6	12
30	Coupling circularity performance and climate action: From disciplinary silos to transdisciplinary modelling science. <i>Sustainable Production and Consumption</i> , 2022, 30, 269-277.	5.7	11
31	Low-cost emissions cuts in container shipping: Thinking inside the box. <i>Transportation Research, Part D: Transport and Environment</i> , 2021, 94, 102815.	3.2	10
32	Developing Robust Climate Policies: A Fuzzy Cognitive Map Approach. <i>Profiles in Operations Research</i> , 2016, , 239-263.	0.3	9
33	Monetising behavioural change as a policy measure to support energy management in the residential sector: A case study in Greece. <i>Energy Policy</i> , 2022, 161, 112759.	4.2	9
34	Parameter analysis for sigmoid and hyperbolic transfer functions of fuzzy cognitive maps. <i>Operational Research</i> , 2022, 22, 5733-5763.	1.3	8
35	Wind repowering: Unveiling a hidden asset. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 162, 112457.	8.2	7
36	Climate and sustainability co-governance in Kenya: A multi-criteria analysis of stakeholders' perceptions and consensus. <i>Energy for Sustainable Development</i> , 2022, 68, 457-471.	2.0	7

#	ARTICLE	IF	CITATIONS
37	Expert views on low-carbon transition strategies for the Dutch solar sector: A delay-based fuzzy cognitive mapping approach. IFAC-PapersOnLine, 2018, 51, 715-720.	0.5	6
38	A multi-criteria decision support framework for assessing seaport sustainability planning: the case of Piraeus. Maritime Policy and Management, 2023, 50, 1030-1056.	1.9	6
39	Involve citizens in climate-policy modelling. Nature, 2021, 590, 389-389.	13.7	5
40	Towards Sustainable Development and Climate Co-governance: A Multicriteria Stakeholders' Perspective. Multiple Criteria Decision Making, 2021, , 39-74.	0.6	5
41	A predictive model and country risk assessment for COVID-19: An application of the Limited Failure Population concept. Chaos, Solitons and Fractals, 2020, 140, 110240.	2.5	4
42	International Cooperation for Clean Electricity: A UTASTAR Application in Energy Policy. Multiple Criteria Decision Making, 2018, , 163-186.	0.6	3
43	Integrating Integrated Assessment Modelling in Support of the Paris Agreement: The I2AM PARIS Platform. , 2021, , .		2
44	Framing risks and uncertainties associated with low-carbon pathways. , 2019, , 10-22.		0