Alexandros Nikas

List of Publications by Year
in descending order

44	1,145	393982	414034
papers	citations	19 h-index	32 g-index

48	48	48	745
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	A robust augmented Îµ-constraint method (AUGMECON-R) for finding exact solutions of multi-objective linear programming problems. Operational Research, 2022, 22, 1291-1332.	1.3	13
3	Monetising behavioural change as a policy measure to support energy management in the residential sector: A case study in Greece. Energy Policy, 2022, 161, 112759.	4.2	9
4	Coupling circularity performance and climate action: From disciplinary silos to transdisciplinary modelling science. Sustainable Production and Consumption, 2022, 30, 269-277.	5.7	11
5	A comparative study of biodiesel in Brazil and Argentina: An integrated systems of innovation perspective. Renewable and Sustainable Energy Reviews, 2022, 156, 112022.	8.2	17
6	Wind repowering: Unveiling a hidden asset. Renewable and Sustainable Energy Reviews, 2022, 162, 112457.	8.2	7
7	Climate and sustainability co-governance in Kenya: A multi-criteria analysis of stakeholders' perceptions and consensus. Energy for Sustainable Development, 2022, 68, 457-471.	2.0	7
8	Parameter analysis for sigmoid and hyperbolic transfer functions of fuzzy cognitive maps. Operational Research, 2022, 22, 5733-5763.	1.3	8
9	Perspective of comprehensive and comprehensible multi-model energy and climate science in Europe. Energy, 2021, 215, 119153.	4.5	57
10	Involve citizens in climate-policy modelling. Nature, 2021, 590, 389-389.	13.7	5
11	Low-cost emissions cuts in container shipping: Thinking inside the box. Transportation Research, Part D: Transport and Environment, 2021, 94, 102815.	3.2	10
12	AI and Data Democratisation for Intelligent Energy Management. Energies, 2021, 14, 4341.	1.6	16
13	Challenges in the harmonisation of global integrated assessment models: A comprehensive methodology to reduce model response heterogeneity. Science of the Total Environment, 2021, 783, 146861.	3.9	32
14	Where is the EU headed given its current climate policy? A stakeholder-driven model inter-comparison. Science of the Total Environment, 2021, 793, 148549.	3.9	26
15	Integrating Integrated Assessment Modelling in Support of the Paris Agreement: The I2AM PARIS Platform. , 2021, , .		2
16	A multi-model analysis of long-term emissions and warming implications of current mitigation efforts. Nature Climate Change, 2021, 11, 1055-1062.	8.1	69
17	Towards Sustainable Development and Climate Co-governance: A Multicriteria Stakeholdersâ€™ Perspective. Multiple Criteria Decision Making, 2021, , 39-74.	0.6	5
18	Barriers to and consequences of a solar-based energy transition in Greece. Environmental Innovation and Societal Transitions, 2020, 35, 383-399.	2.5	63

#	Article	IF	Citations
19	Decision support models in climate policy. European Journal of Operational Research, 2020, 280, 1-24.	3.5	84
20	Pathways for the transition of the Polish power sector and associated risks. Environmental Innovation and Societal Transitions, 2020, 35, 271-291.	2.5	49
21	Contested energy futures, conflicted rewards? Examining low-carbon transition risks and governance dynamics in China's built environment. Energy Research and Social Science, 2020, 59, 101306.	3.0	30
22	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
23	The desirability of transitions in demand: Incorporating behavioural and societal transformations into energy modelling. Energy Research and Social Science, 2020, 70, 101780.	3.0	41
24	Many Miles to Paris: A Sectoral Innovation System Analysis of the Transport Sector in Norway and Canada in Light of the Paris Agreement. Sustainability, 2020, 12, 5832.	1.6	14
25	A multiple-uncertainty analysis framework for integrated assessment modelling of several sustainable development goals. Environmental Modelling and Software, 2020, 131, 104795.	1.9	19
26	The UK and German Low-Carbon Industry Transitions from a Sectoral Innovation and System Failures Perspective. Energies, 2020, 13, 4994.	1.6	17
27	The Green Versus Green Trap and a Way Forward. Energies, 2020, 13, 5473.	1.6	14
28	The importance of stakeholders in scoping risk assessmentsâ€"Lessons from low-carbon transitions. Environmental Innovation and Societal Transitions, 2020, 35, 400-413.	2.5	25
29	Sustainable and socially just transition to a post-lignite era in Greece: a multi-level perspective. Energy Sources, Part B: Economics, Planning and Policy, 2020, 15, 513-544.	1.8	30
30	Sustainable energy transition readiness: A multicriteria assessment index. Renewable and Sustainable Energy Reviews, 2020, 131, 109988.	8.2	117
31	APOLLO: A Fuzzy Multi-criteria Group Decision-Making Tool in Support of Climate Policy. International Journal of Computational Intelligence Systems, 2020, 13, 1539.	1.6	12
32	Integrated policy assessment and optimisation over multiple sustainable development goals in Eastern Africa. Environmental Research Letters, 2019, 14, 094001.	2.2	27
33	Identifying optimal technological portfolios for European power generation towards climate change mitigation: A robust portfolio analysis approach. Utilities Policy, 2019, 57, 33-42.	2.1	21
34	Energy efficiency promotion in Greece in light of risk: Evaluating policies as portfolio assets. Energy, 2019, 170, 818-831.	4.5	36
35	A semi-quantitative modelling application for assessing energy efficiency strategies. Applied Soft Computing Journal, 2019, 76, 140-155.	4.1	33
36	A Detailed Overview and Consistent Classification of Climate-Economy Models. , 2019, , 1-54.		21

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37	Framing risks and uncertainties associated with low-carbon pathways. , 2019, , 10-22.		0
38	A group decision making tool for assessing climate policy risks against multiple criteria. Heliyon, 2018, 4, e00588.	1.4	41
39	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
40	From Integrated to Integrative: Delivering on the Paris Agreement. Sustainability, 2018, 10, 2299.	1.6	65
41	International Cooperation for Clean Electricity: A UTASTAR Application in Energy Policy. Multiple Criteria Decision Making, 2018, , 163-186.	0.6	3
42	Exploring opportunities and risks for RES-E deployment under Cooperation Mechanisms between EU and Western Balkans: A multi-criteria assessment. Renewable and Sustainable Energy Reviews, 2017, 80, 519-530.	8.2	22
43	Managing stakeholder knowledge for the evaluation of innovation systems in the face of climate change. Journal of Knowledge Management, 2017, 21, 1013-1034.	3.2	36
44	Developing Robust Climate Policies: A Fuzzy Cognitive Map Approach. Profiles in Operations Research, 2016, , 239-263.	0.3	9