Vangelis Marinakis

List of Publications by Year
in descending order

47 papers	1,147 citations	516215 16 h-index	395343 33 g-index
47 all docs	47 docs citations	47 times ranked	1204 citing authors

#	Article	IF	Citations
1	An Advanced IoT-based System for Intelligent Energy Management in Buildings. Sensors, 2018, 18, 610.	2.1	133
2	An integrated system for buildings' energy-efficient automation: Application in the tertiary sector. Applied Energy, 2013, 101, 6-14.	5.1	123
3	Renewable energy and nuclear power towards sustainable development: Characteristics and prospects. Renewable and Sustainable Energy Reviews, 2013, 22, 187-197.	8.2	120
4	From big data to smart energy services: An application for intelligent energy management. Future Generation Computer Systems, 2020, 110, 572-586.	4.9	103
5	Big Data for Energy Management and Energy-Efficient Buildings. Energies, 2020, 13, 1555.	1.6	77
6	Multicriteria decision support in local energy planning: An evaluation of alternative scenarios for the Sustainable Energy Action Plan. Omega, 2017, 69, 1-16.	3.6	73
7	A building automation and control tool for remote and real time monitoring of energy consumption. Sustainable Cities and Society, 2013, 6, 11-15.	5.1	45
8	A comparison of electricity production technologies in terms of sustainable development. Energy Conversion and Management, 2012, 64, 626-632.	4.4	35
9	Linguistic multi-criteria decision making for energy and environmental corporate policy. Information Sciences, 2014, 258, 328-338.	4.0	34
10	A Decision Support Framework for Smart Cities Energy Assessment and Optimization. Energy Procedia, 2017, 111, 800-809.	1.8	30
11	ML-based energy management of water pumping systems for the application of peak shaving in small-scale islands. Sustainable Cities and Society, 2022, 82, 103873.	5.1	30
12	A meta-learning classification model for supporting decisions on energy efficiency investments. Energy and Buildings, 2022, 258, 111836.	3.1	27
13	Decision Support for Intelligent Energy Management in Buildings Using the Thermal Comfort Model. International Journal of Computational Intelligence Systems, 2017, 10, 882.	1.6	26
14	Promoting renewables in the energy sector of Tajikistan. Renewable Energy, 2012, 39, 411-418.	4.3	23
15	Local communities towards a sustainable energy future: needs and priorities. International Journal of Sustainable Energy, 2017, 36, 296-312.	1.3	22
16	Does the CDM offer sustainable development benefits or not?. International Journal of Sustainable Development and World Ecology, 2013, 20, 1-8.	3.2	17
17	Energy poverty alleviation: effective policies, best practices and innovative schemes. Energy Sources, Part B: Economics, Planning and Policy, 2020, 15, 45-48.	1.8	17
18	The Efforts towards and Challenges of Greece's Post-Lignite Era: The Case of Megalopolis. Sustainability, 2020, 12, 10575.	1.6	16

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19	AI and Data Democratisation for Intelligent Energy Management. Energies, 2021, 14, 4341.	1.6	16
20	From Intelligent Energy Management to Value Economy through a Digital Energy Currency: Bahrain City Case Study. Sensors, 2020, 20, 1456.	2.1	15
21	Enabling local authorities to produce short-term energy plans. Management of Environmental Quality, 2016, 27, 146-166.	2.2	14
22	â€œGreeningâ€•the Hellenic Corporate Energy Policy: An Integrated Decision Support Framework. International Journal of Green Energy, 2012, 9, 487-502.	2.1	12
23	Assessment of RES cooperation framework between the EU and North Africa. International Journal of Energy Sector Management, 2016, 10, 402-426.	1.2	12
24	Assessing Resilience to Energy Poverty in Europe through a Multi-Criteria Analysis Framework. Sustainability, 2020, 12, 4899.	1.6	12
25	RES cooperation opportunities between EU and MENA countries: The case of Morocco. Energy Strategy Reviews, 2013, 2, 92-99.	3.3	11
26	EUâ€GCC cooperation for natural gas: prospects and challenges. International Journal of Energy Sector Management, 2013, 7, 194-222.	1.2	11
27	A web tool for sustainable energy communities. International Journal of Information and Decision Sciences, 2015, 7, 18.	0.1	11
28	Big Data Value Chain: Multiple Perspectives for the Built Environment. Energies, 2021, 14, 4624.	1.6	11
29	Advanced ICT platform for real-time monitoring and infrastructure efficiency at the city level. , 2015, , .		10
30	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
31	Managing the uncertainty of the U-value measurement using an auxiliary set along with a thermal camera. Energy and Buildings, 2021, 242, 110984.	3.1	8
32	Investigating EU-Turkey renewable cooperation opportunities: a SWOT analysis. International Journal of Energy Sector Management, 2016, 10, 337-362.	1.2	7
33	Forecasting of short-term PV production in energy communities through Machine Learning and Deep Learning algorithms. , 2021, , .		7
34	Integrating a decision support system with smart grid infrastructures and ICT solutions towards energy cost reduction: An action plan to optimally schedule the operation of heating and electricity systems. , 2016, , .		5
35	A modelling framework for the forecasting of energy consumption and CO<SUB align="right">2 emissions at local/regional level. International Journal of Global Energy Issues, 2016, 39, 444.	0.2	5
36	Expanding RES cooperation with West Balkans: from importing electricity to exporting RES. International Journal of Energy Sector Management, 2016, 10, 363-380.	1.2	4

#	Article	IF	Citations
37	Intelligent Energy Management Within the Smart Cities: An EU-GCC Cooperation Opportunity. , 2019, , 123-147.		4
38	OPTIMUS decision support tools: Transforming multidisciplinary data to energy management action plans. , 2016, , .		3
39	Digitizing Energy Savings in Sustainable Smart Cities: Introducing a Virtual Energy-Currency Approach. , 2018, , .		3
40	A web tool for assessing the energy use of buildings in Greece: First results from real life application. , 2015, , .		2
41	EUâ€"GCC Clean Energy Cooperation. , 0, , 288-308.		2
42	Assessing the socioeconomic effects caused by overvoltages to residential blocks: the case of Greece. International Journal of Green Economics, 2013, 7, 320.	0.4	1
43	Comparative analysis of AI-based models for short-term photovoltaic power forecasting in energy cooperatives. Intelligent Decision Technologies, 2022, 15, 691-705.	0.6	1
44	A framework for integrating user experience in action plan evaluation through social media: Transforming user generated content into knowledge to optimise energy use in buildings. , 2015, , .		0
45	EUâ€"GCC Clean Energy Cooperation. , 0, , 221-241.		0
46	Making Sustainable Energy Communities a Reality. , 0, , 324-362.		0
47	Decision Making in Local Energy Planning. , 0, , 1549-1569.		0