

Raluca - Andreea Felseghi

List of Publications by Year in descending order

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45
papers

565
citations

1039406

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642321

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45
docs citations

45
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid Energy Systems for Power of Sustainable Buildings. Case Study: A Renewable Energy Based on-Site Green Electricity Production. , 2022, , 420-436.		3
2	Recycling of Mining Waste in the Production of Masonry Units. Materials, 2022, 15, 594.	1.3	13
3	Blockchain for Future Wireless Networks: A Decade Survey. Sensors, 2022, 22, 4182.	2.1	8
4	Hydrogen Fuel Cell Technologies for Sustainable Stationary Applications. Advances in Computer and Electrical Engineering Book Series, 2021, , 166-185.	0.2	1
5	Considerations Regarding the Green Retrofitting of Residential Buildings From Human Wellbeing Perspectives. , 2021, , 274-307.		0
6	Hydrogen-Energy Vector Within a Sustainable Energy System for Stationary Applications. Advances in Computer and Electrical Engineering Book Series, 2021, , 1-21.	0.2	2
7	Methods for Improving Image Quality for Contour and Textures Analysis Using New Wavelet Methods. Applied Sciences (Switzerland), 2021, 11, 3895.	1.3	3
8	Experimental Study on the Behaviour of Seismic Actions on a Flexible Glass-Reinforced Plastic Structure Used in Water Transport Pipes. Materials, 2021, 14, 2878.	1.3	1
9	Computational Statistics and Machine Learning Techniques for Effective Decision Making on Studentâ€™s Employment for Real-Time. Mathematics, 2021, 9, 1166.	1.1	11
10	Optimal Synergy between Photovoltaic Panels and Hydrogen Fuel Cells for Green Power Supply of a Green Buildingâ€™A Case Study. Sustainability, 2021, 13, 6304.	1.6	11
11	Pairing solar power to sustainable energy storage solutions within a residential building: A case study. International Journal of Energy Research, 2021, 45, 15495-15511.	2.2	10
12	Design Development and Analysis of a Partially Superconducting Axial Flux Motor Using YBCO Bulks. Materials, 2021, 14, 4295.	1.3	3
13	Environmental impact assessment of green energy systems for power supply of electric vehicle charging station. International Journal of Energy Research, 2020, 44, 10471-10494.	2.2	44
14	IoT: Internet of Vulnerable Things? Threat Architecture, Attack Surfaces, and Vulnerabilities in Internet of Things and Its Applications towards Smart Grids. Energies, 2020, 13, 4813.	1.6	40
15	A Systematic Study on the Analysis of the Emission of CO, CO2 and HC for Four-Wheelers and Its Impact on the Sustainable Ecosystem. Sustainability, 2020, 12, 6707.	1.6	39
16	The ElectricalVehicle Simulator for Charging Station in Mode 3 of IEC 61851-1 Standard. Energies, 2020, 13, 176.	1.6	21
17	SIMULATION MODEL FOR DESIGNING A HYBRID ENERGY SYSTEM FOR RESIDENTIAL APPLICATION. , 2020, , .		1
18	THERMAL PERFORMANCE MODEL OF SOLAR COLLECTORS WITH INTEGRATED PCM-TES. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	PERFORMANCE MODEL OF SOLAR COLLECTORS FOR ENERGY EFFICIENCY OF BUILDINGS. , 2020, , .		0
20	OPTIMAL CONFIGURATION OF AN ELECTRIC VEHICLE CHARGING STATION POWERED BY WIND ENERGY. , 2020, , .		1
21	Green Hybrid Energy for Office Building. E3S Web of Conferences, 2019, 111, 04026.	0.2	4
22	Influence of the Systemic Operating Temperatures on the Energy Efficiency of the Existing Heat Exchangers. Procedia Manufacturing, 2019, 32, 480-487.	1.9	2
23	Concentrating Solar Power Technologies. Energies, 2019, 12, 1048.	1.6	48
24	Design and Simulation of Romanian Solar Energy Charging Station for Electric Vehicles. Energies, 2019, 12, 74.	1.6	38
25	Energy Efficient Stationary Application Supplied with Solar - Wind Hybrid Energy. , 2019, , .		5
26	Hydrogen Fuel Cell Technology for the Sustainable Future of Stationary Applications. Energies, 2019, 12, 4593.	1.6	218
27	Considerations Regarding the Green Retrofitting of Residential Buildings From Human Wellbeing Perspectives. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 143-175.	0.3	3
28	Heating Systems. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 283-307.	0.3	0
29	ENERGY FROM RENEWABLE SOURCES FOR IMPROVING ENERGY EFFICIENCY IN HERITAGE HISTORIC BUILDINGS. , 2019, , .		1
30	A REVIEW ON ROMANIAN POTENTIAL OF RENEWABLE ENERGY SOURCES FOR POWER GENERATION IN BUILDING APPLICATIONS. , 2018, , .		1
31	COMPARATIVE ANALYSIS REGARDING THE USE OF HYBRID ENERGY GENERATION SYSTEMS FOR RESIDENTIAL BUILDINGS. , 2018, , .		0
32	Comparative Thermo-energetic Analysis of the District Heating Systems that Harness Renewable Energy Sources. Procedia Engineering, 2017, 181, 754-761.	1.2	1
33	The role of hydrogen as a future solution to energetic and environmental problems for residential buildings. AIP Conference Proceedings, 2017, , .	0.3	8
34	The assessment of global thermo-energy performances of existing district heating systems optimized by harnessing renewable energy sources. AIP Conference Proceedings, 2017, , .	0.3	0
35	Hybrid Solar and Wind Electric System for Romanian Nearly Zero Energy Buildings (nZEB) - Case Study. Applied Mechanics and Materials, 2016, 841, 110-115.	0.2	2
36	Influence of the Operating Regime on the Performances of Thermal Solar Systems Integrated in Heating Networks. Applied Mechanics and Materials, 2015, 772, 531-535.	0.2	3

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37	Performance of fuel cell for energy supply of passive house. AIP Conference Proceedings, 2015, , .	0.3	0
38	Multi-criteria analysis on how to select solar radiation hydrogen production system. AIP Conference Proceedings, 2015, , .	0.3	0
39	Energen System for Power Supply of Passive House: Case Study. , 2015, , .		9
40	Integrating Decentralized Thermal-Solar Systems in the District Thermal Network. Applied Mechanics and Materials, 2014, 656, 242-251.	0.2	1
41	Estimation of Hydrogen and Electrical Energy Production by Using Solar and Wind Resources for a Residential Building from Romania. Applied Mechanics and Materials, 0, 656, 542-551.	0.2	4
42	Analysis of Oxygen Transfer and Dissolved Oxygen Concentration Measurement Tests in a Wastewater Treatment Plant. Applied Mechanics and Materials, 0, 656, 486-494.	0.2	2
43	Performance of Hydrogen Technology for Power Supply of Passive House. Applied Mechanics and Materials, 0, 772, 521-525.	0.2	1
44	RES Storage Solution for Clean Electrification of Passive House. Applied Mechanics and Materials, 0, 811, 339-344.	0.2	0
45	Hybrid Solar-Wind Stand-Alone Energy System: A Case Study. Applied Mechanics and Materials, 0, 772, 536-540.	0.2	2