

# Raluca - Andreea Felseghi

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

565  
citations

1039406

9  
h-index

642321

23  
g-index

45  
all docs

45  
docs citations

45  
times ranked

440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen Fuel Cell Technology for the Sustainable Future of Stationary Applications. <i>Energies</i> , 2019, 12, 4593.	1.6	218
2	Concentrating Solar Power Technologies. <i>Energies</i> , 2019, 12, 1048.	1.6	48
3	Environmental impact assessment of green energy systems for power supply of electric vehicle charging station. <i>International Journal of Energy Research</i> , 2020, 44, 10471-10494.	2.2	44
4	IoT: Internet of Vulnerable Things? Threat Architecture, Attack Surfaces, and Vulnerabilities in Internet of Things and Its Applications towards Smart Grids. <i>Energies</i> , 2020, 13, 4813.	1.6	40
5	A Systematic Study on the Analysis of the Emission of CO, CO <sub>2</sub> and HC for Four-Wheelers and Its Impact on the Sustainable Ecosystem. <i>Sustainability</i> , 2020, 12, 6707.	1.6	39
6	Design and Simulation of Romanian Solar Energy Charging Station for Electric Vehicles. <i>Energies</i> , 2019, 12, 74.	1.6	38
7	The Electrical Vehicle Simulator for Charging Station in Mode 3 of IEC 61851-1 Standard. <i>Energies</i> , 2020, 13, 176.	1.6	21
8	Recycling of Mining Waste in the Production of Masonry Units. <i>Materials</i> , 2022, 15, 594.	1.3	13
9	Computational Statistics and Machine Learning Techniques for Effective Decision Making on Student's Employment for Real-Time. <i>Mathematics</i> , 2021, 9, 1166.	1.1	11
10	Optimal Synergy between Photovoltaic Panels and Hydrogen Fuel Cells for Green Power Supply of a Green Building – A Case Study. <i>Sustainability</i> , 2021, 13, 6304.	1.6	11
11	Pairing solar power to sustainable energy storage solutions within a residential building: A case study. <i>International Journal of Energy Research</i> , 2021, 45, 15495-15511.	2.2	10
12	Energy System for Power Supply of Passive House: Case Study. , 2015, , .		9
13	The role of hydrogen as a future solution to energetic and environmental problems for residential buildings. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	8
14	Blockchain for Future Wireless Networks: A Decade Survey. <i>Sensors</i> , 2022, 22, 4182.	2.1	8
15	Energy Efficient Stationary Application Supplied with Solar - Wind Hybrid Energy. , 2019, , .		5
16	Estimation of Hydrogen and Electrical Energy Production by Using Solar and Wind Resources for a Residential Building from Romania. <i>Applied Mechanics and Materials</i> , 0, 656, 542-551.	0.2	4
17	Green Hybrid Energy for Office Building. <i>E3S Web of Conferences</i> , 2019, 111, 04026.	0.2	4
18	Influence of the Operating Regime on the Performances of Thermal Solar Systems Integrated in Heating Networks. <i>Applied Mechanics and Materials</i> , 2015, 772, 531-535.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Methods for Improving Image Quality for Contour and Textures Analysis Using New Wavelet Methods. Applied Sciences (Switzerland), 2021, 11, 3895.	1.3	3
20	Design Development and Analysis of a Partially Superconducting Axial Flux Motor Using YBCO Bulks. Materials, 2021, 14, 4295.	1.3	3
21	Hybrid Energy Systems for Power of Sustainable Buildings. Case Study: A Renewable Energy Based on-Site Green Electricity Production. , 2022, , 420-436.		3
22	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
23	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
24	Hybrid Solar-Wind Stand-Alone Energy System: A Case Study. Applied Mechanics and Materials, 0, 772, 536-540.	0.2	2
25	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
26	Influence of the Systemic Operating Temperatures on the Energy Efficiency of the Existing Heat Exchangers. Procedia Manufacturing, 2019, 32, 480-487.	1.9	2
27	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
28	Integrating Decentralized Thermal-Solar Systems in the District Thermal Network. Applied Mechanics and Materials, 2014, 656, 242-251.	0.2	1
29	Performance of Hydrogen Technology for Power Supply of Passive House. Applied Mechanics and Materials, 0, 772, 521-525.	0.2	1
30	Comparative Thermo-energetic Analysis of the District Heating Systems that Harness Renewable Energy Sources. Procedia Engineering, 2017, 181, 754-761.	1.2	1
31	Hydrogen Fuel Cell Technologies for Sustainable Stationary Applications. Advances in Computer and Electrical Engineering Book Series, 2021, , 166-185.	0.2	1
32	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
33	A REVIEW ON ROMANIAN POTENTIAL OF RENEWABLE ENERGY SOURCES FOR POWER GENERATION IN BUILDING APPLICATIONS. , 2018, , .		1
34	ENERGY FROM RENEWABLE SOURCES FOR IMPROVING ENERGY EFFICIENCY IN HERITAGE HISTORIC BUILDINGS. , 2019, , .		1
35	SIMULATION MODEL FOR DESIGNING A HYBRID ENERGY SYSTEM FOR RESIDENTIAL APPLICATION. , 2020, , .		1
36	OPTIMAL CONFIGURATION OF AN ELECTRIC VEHICLE CHARGING STATION POWERED BY WIND ENERGY. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
37	RES Storage Solution for Clean Electrification of Passive House. Applied Mechanics and Materials, 0, 811, 339-344.	0.2	0
38	Performance of fuel cell for energy supply of passive house. AIP Conference Proceedings, 2015, , .	0.3	0
39	Multi-criteria analysis on how to select solar radiation hydrogen production system. AIP Conference Proceedings, 2015, , .	0.3	0
40	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
41	Considerations Regarding the Green Retrofitting of Residential Buildings From Human Wellbeing Perspectives. , 2021, , 274-307.		0
42	COMPARATIVE ANALYSIS REGARDING THE USE OF HYBRID ENERGY GENERATION SYSTEMS FOR RESIDENTIAL BUILDINGS. , 2018, , .		0
43	Heating Systems. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 283-307.	0.3	0
44	THERMAL PERFORMANCE MODEL OF SOLAR COLLECTORS WITH INTEGRATED PCM-TES. , 2020, , .		0
45	PERFORMANCE MODEL OF SOLAR COLLECTORS FOR ENERGY EFFICIENCY OF BUILDINGS. , 2020, , .		0