

Codruta Jaliu

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

148
citations

1307594

7
h-index

1474206

9
g-index

26
all docs

26
docs citations

26
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparative Performance Analysis of Four Wind Turbines with Counter-Rotating Electric Generators. Applied Sciences (Switzerland), 2022, 12, 4233.	2.5	1
2	A Comparative Performance Analysis of Counter-Rotating Dual-Rotor Wind Turbines with Speed-Adding Increases. Energies, 2021, 14, 2594.	3.1	8
3	Dynamic Analysis of a Single-Rotor Wind Turbine with Counter-Rotating Electric Generator under Variable Wind Speed. Applied Sciences (Switzerland), 2021, 11, 8834.	2.5	2
4	A Generalized Approach to the Steady-State Efficiency Analysis of Torque-Adding Transmissions Used in Renewable Energy Systems. Energies, 2020, 13, 4568.	3.1	8
5	Steady-State Response of a Dual-Rotor Wind Turbine with Counter-Rotating Electric Generator and Planetary Gear Increaser. Mechanisms and Machine Science, 2020, , 106-115.	0.5	2
6	Efficiency Analysis of a Planetary Speed Increaser for Wind Turbines with Counter-Rotating Versus Fixed-Stator Electric Generator. , 2020, , .		1
7	Design and Simulation of a 1 DOF Planetary Speed Increaser for Counter-Rotating Wind Turbines with Counter-Rotating Electric Generators. Energies, 2019, 12, 1754.	3.1	11
8	Comparative Performance Analysis of Two Chain Planetary Speed Increases for Micro-Hydro/Wind Conversion Systems. , 2019, , .		0
9	Power Flow Modelling in a Planetary Speed Increaser for Wind Turbines with Counter-rotating Electric Generator. Mechanisms and Machine Science, 2019, , 957-966.	0.5	0
10	Conceptual Synthesis of Speed Increases for Wind Turbine Conversion Systems. Energies, 2018, 11, 2257.	3.1	9
11	Structural and Kinematic Features of a 2 DOF Speed Increaser for Renewable Energy Systems. Applied Mechanics and Materials, 2016, 823, 367-372.	0.2	9
12	Low-Speed Actuator Used in Solar Tracking Systems. Mechanisms and Machine Science, 2014, , 381-389.	0.5	1
13	Chain Tracking System for Solar Thermal Collector. Applied Mechanics and Materials, 2014, 658, 35-40.	0.2	4
14	The Influence of Measured/simulated Weather Data on Evaluating the Energy Need in Buildings. Energy Procedia, 2014, 48, 796-805.	1.8	17
15	On the Efficiency of a Planetary Speed Increaser Usable in Small Hydros. Mechanisms and Machine Science, 2013, , 259-268.	0.5	1
16	On the Use of 2 DOF Planetary Gears as "Speed Increases" in Small Hydros and Wind Turbines. , 2011, , .		7
17	SPECIFIC FEATURES OF A COUNTER-ROTATING TRANSMISSION FOR RENEWABLE ENERGY SYSTEMS. Environmental Engineering and Management Journal, 2011, 10, 1105-1113.	0.6	12
18	Conceptual Design of a Chain Speed Increaser for Small Hydropower Stations. , 2009, , .		8

#	ARTICLE	IF	CITATIONS
19	THE ECO-IMPACT OF SMALL HYDRO IMPLEMENTATION. Environmental Engineering and Management Journal, 2009, 8, 837-841.	0.6	8
20	Geometrico-Static Modeling and Simulation of the Contact between Chain and Guide of a Reference Transmission. Applied Mechanics and Materials, 0, 658, 111-116.	0.2	0
21	Planetary Gear for Counter-Rotating Wind Turbines. Applied Mechanics and Materials, 0, 658, 135-140.	0.2	18
22	On a New Chain Planetary Transmission for Renewable Energy Systems - Part II: Virtual Prototyping and Experimental Testing. Applied Mechanics and Materials, 0, 760, 153-158.	0.2	2
23	On a New Chain Planetary Transmission for Renewable Energy Systems - Part I: Product Design. Applied Mechanics and Materials, 0, 760, 147-152.	0.2	1
24	Comparative Analysis of Two Wind Turbines with Planetary Speed Increaser in Steady-State. Applied Mechanics and Materials, 0, 823, 355-360.	0.2	16