

Siavash Pakdelian

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Topology Optimization of the Reluctance Trans-Rotary Magnetic Gear. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.1	8
2	Topology Optimization of the Reluctance Coaxial Magnetic Gear. IEEE Transactions on Magnetics, 2022, 58, 1-7.	2.1	5
3	Magnetic Design Aspects of the Trans-Rotary Magnetic Gear Using Quasi-Halbach Arrays. IEEE Transactions on Industrial Electronics, 2020, 67, 9582-9592.	7.9	22
4	Comparison of Control Strategies and Electromechanical Devices for the Backpack Energy Harvesting System. IEEE Transactions on Industry Applications, 2020, 56, 6420-6435.	4.9	6
5	Leakage Flux of the Trans-Rotary Magnetic Gear. IEEE Transactions on Magnetics, 2019, 55, 1-8.	2.1	12
6	Equivalent Circuit for the Trans-Rotary Magnetic Gear. IEEE Transactions on Industrial Electronics, 2019, 66, 8266-8272.	7.9	14
7	Active Damping of Oscillations in the Trans-Rotary Magnetic Gear. , 2018, , .		2
8	Design and Fabrication of the Trans-Rotary Magnetic Gear Using Quasi-Halbach Arrays. , 2018, , .		11
9	Comparison of Control Strategies for the Backpack Energy Harvesting System. , 2018, , .		2
10	Control of an Electric Machine Integrated With the Trans-Rotary Magnetic Gear in a Motor Drive Train. IEEE Transactions on Industry Applications, 2017, 53, 106-114.	4.9	24
11	A compact and light-weight generator for backpack energy harvesting. , 2016, , .		17
12	Design of an Electric Machine Integrated with Trans-Rotary Magnetic Gear. IEEE Transactions on Energy Conversion, 2015, 30, 1180-1191.	5.2	38
13	Magnetic Design Aspects of the Trans-Rotary Magnetic Gear. IEEE Transactions on Energy Conversion, 2015, 30, 41-50.	5.2	62
14	Dynamic modeling of the trans-rotary magnetic gear for the point-absorbing wave energy conversion systems. , 2014, , .		15
15	Principles of the Trans-Rotary Magnetic Gear. IEEE Transactions on Magnetics, 2013, 49, 883-889.	2.1	70
16	Design aspects of the Trans-Rotary Magnetic Gear. , 2012, , .		10
17	Trans-Rotary Magnetic Gear for Wave Energy applicaion. , 2012, , .		20
18	An electric machine integrated with trans-rotary magnetic gear. , 2012, , .		14

#	ARTICLE	IF	CITATIONS
19	Damper windings for the magnetic gear. , 2011, , .		5
20	Passive Suppression of Transient Oscillations in the Concentric Planetary Magnetic Gear. IEEE Transactions on Energy Conversion, 2011, 26, 933-939.	5.2	49
21	A magnetic gear with passive transient suppression capability. , 2011, , .		4