Siavash Pakdelian

List of Publications by Year
in descending order

21	410	1163117 8	1281871 11
papers	citations	h-index	g-index

21	21	21	182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Principles of the Trans-Rotary Magnetic Gear. IEEE Transactions on Magnetics, 2013, 49, 883-889.	2.1	70
2	Magnetic Design Aspects of the Trans-Rotary Magnetic Gear. IEEE Transactions on Energy Conversion, 2015, 30, 41-50.	5.2	62
3	Passive Suppression of Transient Oscillations in the Concentric Planetary Magnetic Gear. IEEE Transactions on Energy Conversion, 2011, 26, 933-939.	5.2	49
4	Design of an Electric Machine Integrated with Trans-Rotary Magnetic Gear. IEEE Transactions on Energy Conversion, 2015, 30, 1180-1191.	5.2	38
5	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
6	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
7	Trans-Rotary Magnetic Gear for Wave Energy applicaion. , 2012, , .		20
8	A compact and light-weight generator for backpack energy harvesting. , 2016, , .		17
9	Dynamic modeling of the trans-rotary magnetic gear for the point-absorbing wave energy conversion systems. , 2014, , .		15
10	An electric machine integrated with trans-rotary magnetic gear. , 2012, , .		14
11	Equivalent Circuit for the Trans-Rotary Magnetic Gear. IEEE Transactions on Industrial Electronics, 2019, 66, 8266-8272.	7.9	14
12	Leakage Flux of the Trans-Rotary Magnetic Gear. IEEE Transactions on Magnetics, 2019, 55, 1-8.	2.1	12
13	Design and Fabrication of the Trans-Rotary Magnetic Gear Using Quasi-Halbach Arrays. , 2018, , .		11
14	Design aspects of the Trans-Rotary Magnetic Gear. , 2012, , .		10
15	Topology Optimization of the Reluctance Trans-Rotary Magnetic Gear. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.1	8
16	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
17	Damper windings for the magnetic gear. , 2011, , .		5
18	Topology Optimization of the Reluctance Coaxial Magnetic Gear. IEEE Transactions on Magnetics, 2022, 58, 1-7.	2.1	5

#	Article	IF	Citations
19	A magnetic gear with passive transient suppression capability. , 2011, , .		4
20	Active Damping of Oscillations in the Trans-Rotary Magnetic Gear. , 2018, , .		2
21	Comparison of Control Strategies for the Backpack Energy Harvesting System. , 2018, , .		2