

Qiang Tan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

320
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840776

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19
docs citations

19
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Winding Temperature Field Model Considering Void Ratio and Temperature Rise of a Permanent-Magnet Synchronous Motor With High Current Density. IEEE Transactions on Industrial Electronics, 2017, 64, 2168-2177.	7.9	54
2	Optimization for the Pole Structure of Slot-Less Tubular Permanent Magnet Synchronous Linear Motor and Segmented Detent Force Compensation. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	33
3	Sectional Combinations of the Modular Tubular Permanent Magnet Linear Motor and the Optimization Design. IEEE Transactions on Industrial Electronics, 2018, 65, 9658-9667.	7.9	33
4	Suppressing the Thrust Ripple of the Permanent Magnet Linear Synchronous Motors With Different Pole Structures by Setting the Modular Primary Structures Differently. IEEE Transactions on Energy Conversion, 2018, 33, 1815-1824.	5.2	30
5	Magnetic Field Analysis and Flux Barrier Design for Modular Permanent Magnet Linear Synchronous Motor. IEEE Transactions on Industrial Electronics, 2020, 67, 3891-3900.	7.9	30
6	Design Principles of a Phase-Shift Modular Slotless Tubular Permanent Magnet Linear Synchronous Motor With Three Sectional Primaries and Analysis of Its Detent Force. IEEE Transactions on Industrial Electronics, 2018, 65, 9346-9355.	7.9	26
7	Research on Inductance Unbalance and Thrust Ripple Suppression of Slot-Less Tubular Permanent Magnet Synchronous Linear Motor. IEEE Access, 2018, 6, 51011-51020.	4.2	21
8	A Robust Double Closed-Loop Control Scheme for PMLSM Drives. IEEE Access, 2018, 6, 62645-62654.	4.2	19
9	Analysis of a New Flux Switching Permanent Magnet Linear Motor. IEEE Transactions on Magnetics, 2021, 57, 1-5.	2.1	19
10	Analysis of Flux Linkage and Detent Force for a Modular Tubular Permanent Magnet Synchronous Linear Motor With Large Slots. IEEE Transactions on Energy Conversion, 2019, 34, 1532-1541.	5.2	14
11	Research on Noninteger Pole Number for Segmental Permanent Magnet Linear Synchronous Motor. IEEE Transactions on Industrial Electronics, 2021, 68, 4120-4130.	7.9	13
12	A High-Bandwidth and Strong Robust Current Control Strategy for PMLSM Drives. IEEE Access, 2018, 6, 40929-40939.	4.2	8
13	Pulsating Magnetic Field of Permanent Magnet Linear Synchronous Motor and Its Influence on Detent Force. IEEE Transactions on Energy Conversion, 2021, 36, 703-712.	5.2	8
14	Analysis and optimization of the inner armature tubular flux-switching permanent magnet linear motor. , 2014, , .		3
15	Calculation and analysis of the loss for tubular flux-switching permanent magnet linear motor (TFSPMLM). , 2014, , .		3
16	End Effect Analysis of a Slot-Less Long-Stator Permanent Magnet Linear Synchronous Motor. Symmetry, 2021, 13, 1939.	2.2	3
17	The analysis and compensation control of the detent force for slot-less Tubular Permanent Magnet Linear Synchronous Motor. , 2015, , .		2
18	Suppression of leakage flux and thrust ripple for slot-less tubular permanent magnet linear synchronous motor. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Comparison of P- and D-Type Variable-Gain Adaptive Disturbance Observer for Predictive Current Control of PMLSM. , 2018, , .		0