

Zijiao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

110
citations

1478505

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h-index

1588992

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g-index

11
all docs

11
docs citations

11
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Analysis of a High Acceleration Rotary-Linear Voice Coil Motor. IEEE Transactions on Magnetics, 2017, 53, 1-9.	2.1	25
2	Research on Permanent Magnet Linear Synchronous Motors With Ring Windings for Electromagnetic Launch System. IEEE Transactions on Plasma Science, 2017, 45, 1161-1167.	1.3	25
3	Design and Analysis of a New Ring Winding Structure for Permanent Magnet Linear Synchronous Motors. IEEE Transactions on Plasma Science, 2016, 44, 3311-3321.	1.3	18
4	Design and Analysis of a Novel Two-Degree-of-Freedom Voice Coil Motor. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2908-2918.	5.8	10
5	Design and Analysis of a Novel Frequency Modulation Secondary for High-Speed Permanent Magnet Linear Synchronous Motor. IEEE/ASME Transactions on Mechatronics, 2022, 27, 790-799.	5.8	10
6	Performance Analysis of Double-Sided Permanent Magnet Linear Synchronous Motor With Quasi-Sinusoidal Ring Windings. IEEE Transactions on Energy Conversion, 2020, 35, 1465-1474.	5.2	8
7	Design and Modeling of a Novel Permanent Magnet Width Modulation Secondary for Permanent Magnet Linear Synchronous Motor. IEEE Transactions on Industrial Electronics, 2022, 69, 2749-2758.	7.9	6
8	A Novel Thrust Force Test Method for a Class of Precision Noncontact Linear Motion Actuators. IEEE Transactions on Industrial Electronics, 2019, 66, 5383-5391.	7.9	5
9	Analysis and Modeling of A Novel Moving-Magnet-Type Linear Synchronous Motor with Ring Structure Winding. , 2020, , .		2
10	Research on Two Design Approaches of Permanent Magnet Width Modulation Secondary for Permanent Magnet Linear Synchronous Motor. , 2021, , .		1
11	Analysis and Optimization on Armature Reaction of a Rotary-Linear Voice Coil Motor. , 2019, , .		0