

Hong-jun Xiang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

63
citations

1937685

4
h-index

1720034

7
g-index

15
all docs

15
docs citations

15
times ranked

54
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameters Simulation and Optimization of Flying Net for UAVs Interception. IEEE Access, 2022, 10, 56668-56676.	4.2	0
2	Reverse Force Suppression Method of Reluctance Coil Launcher Based on Consumption Resistor. IEEE Access, 2021, 9, 62770-62778.	4.2	7
3	Armature Technologies and Launching Capability of Electromagnetic Railgun Launcher with Monolithic U-shaped Aluminum Armature. , 2021, , .		0
4	Determination Method of Optimal Trigger Position for Induction Coil Launcher Based on the Reverse Point of Electromagnetic Force on Armature. IEEE Transactions on Plasma Science, 2019, 47, 4415-4421.	1.3	4
5	Effect Analysis of the Time Sequence to the Penetration Performance of High-Speed Metal Jet. IEEE Transactions on Plasma Science, 2019, 47, 944-951.	1.3	2
6	Design and Simulation of New Type Reactor in the Wastewater Treatment System Based on Discharge Plasma. IEEE Transactions on Plasma Science, 2019, 47, 952-957.	1.3	9
7	Mathematical Model and Simulation Calculation Method of Metal Jet With High Velocity in the Passive Electromagnetic Armor. IEEE Transactions on Plasma Science, 2017, 45, 1281-1287.	1.3	0
8	Flexible Sliding Contact Between Armature and Rails for the Practical Launcher Model. IEEE Transactions on Plasma Science, 2017, 45, 1489-1495.	1.3	3
9	Physical Principle and Relevant Restraining Methods About Velocity Skin Effect. IEEE Transactions on Plasma Science, 2015, 43, 1523-1530.	1.3	12
10	Primary Structural Design and Optimal Armature Simulation for a Practical Electromagnetic Launcher. IEEE Transactions on Plasma Science, 2013, 41, 1403-1409.	1.3	16
11	Substation switching electromagnetic transient analysis using the time domain integral equation with a high order implicit scheme. , 2012, , .		0
12	Matching Characteristics of Driving Coil Turns and Armature Velocity for Electromagnetic Inductive Coil Launcher. , 2012, , .		4
13	Research on the control strategy of multistage synchronous inductive coil launcher. , 2012, , .		1
14	Analysis of the force characteristic on the armature of inductive coil launcher and trigger strategy. , 2011, , .		4
15	Analysis of the induced current in the armature of induction type electromagnetic driver. , 2011, , .		1