

# Fengyi Guo

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mathematical Model of Contact Resistance in Pantograph-Catenary System Considering Rough Surface Characteristics. IEEE Transactions on Transportation Electrification, 2022, 8, 455-465.	7.8	9
2	Characterization and source analysis of heavy metals contamination in microplastics by Laser-Induced Breakdown Spectroscopy. Chemosphere, 2022, 287, 132172.	8.2	17
3	Effect of Surface Microparameters on Contact Temperature of Sliding Electrical Contact. IEEE Transactions on Industrial Informatics, 2022, 18, 5972-5981.	11.3	7
4	Feature Extraction Method of Series Arc Fault Occurred in Three-Phase Motor With Inverter Circuit. IEEE Transactions on Power Electronics, 2022, 37, 11164-11173.	7.9	7
5	Recognition method of AC series arc fault characteristics under complicated harmonic conditions. IEEE Transactions on Instrumentation and Measurement, 2021, , 1-1.	4.7	21
6	Research on Series Arc Fault Detection and Phase Selection Feature Extraction Method. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	16
7	Series Arc Fault Diagnosis and Line Selection Method Based on Recurrent Neural Network. IEEE Access, 2020, 8, 177815-177822.	4.2	27
8	Simulation on Current Density Distribution of Current-Carrying Friction Pair Used in Pantograph-Catenary System. IEEE Access, 2020, 8, 25770-25776.	4.2	8
9	Active nonlinear partial-state feedback control of contacting force for a pantographâ€“catenary system. ISA Transactions, 2019, 91, 78-89.	5.7	9
10	Detection and Line Selection of Series Arc Fault in Multi-Load Circuit. IEEE Transactions on Plasma Science, 2019, 47, 5089-5098.	1.3	33
11	Research on Time Domain Characteristics and Mathematical Model of Electromagnetic Radiation Noise Produced by Single Arc. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, 7, 2008-2017.	2.5	5
12	Conducted electromagnetic noise characteristics of pantograph arc and its regression model. International Journal of Applied Electromagnetics and Mechanics, 2017, 55, 313-327.	0.6	3
13	Feature analysis in time-domain and fault diagnosis of series arc fault. , 2017, , .		6
14	Research on feature of series arc fault based on improved SVD. , 2017, , .		11
15	Recognition of series arc fault based on the Hilbert Huang Transform. , 2015, , .		10