

# Luonan Chang

## List of Publications by Year in descending order

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1937685  
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#	ARTICLE	IF	CITATIONS
1	Robust and Long-Term High-Speed Operational Status Inspection of Pantograph-OCS in Complex Environments. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	2
2	Real-Time Accurate Deep Learning-Based Edge Detection for 3-D Pantograph Pose Status Inspection. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	9
3	Robust Online Dynamic Detection Method for PAC Operational Status of High-Speed Trains Based on Key Point Positioning. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	3
4	Novel Multistate Fault Diagnosis and Location Method for Key Components of High-Speed Trains. IEEE Transactions on Industrial Electronics, 2021, 68, 3537-3547.	7.9	17
5	Online Intelligent Perception of Pantograph and Catenary System Status Based on Parameter Adaptation. Applied Sciences (Switzerland), 2021, 11, 1948.	2.5	5
6	A Robust 3-D Abrasion Diagnosis Method of Pantograph Slipper Based on Stereo Vision. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9072-9086.	4.7	8
7	On-line Detection of Pantograph Offset Based on Deep Learning. , 2018, , .		4
8	A Pantograph Horn Detection Method Based on Deep Learning Network. , 2018, , .		5