Wenqiang

List of Publications by Year
in descending order

10 papers	**147** citations	1478505 **6** h-index	1720034 **7** g-index
10 all docs	**10** docs citations	**10** times ranked	**144** citing authors

#	Article	IF	Citations
1	A High-Precision Detection Approach for Catenary Geometry Parameters of Electrical Railway. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1798-1808.	4.7	55
2	Computer vision—based automatic rod-insulator defect detection in high-speed railway catenary system. International Journal of Advanced Robotic Systems, 2018, 15, 172988141877394.	2.1	23
3	Unified Deep Learning Architecture for the Detection of All Catenary Support Components. IEEE Access, 2020, 8, 17049-17059.	4.2	20
4	A Looseness Detection Method for Railway Catenary Fasteners Based on Reinforcement Learning Refined Localization. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	17
5	An Automatic Loose Defect Detection Method for Catenary Bracing Wire Components Using Deep Convolutional Neural Networks and Image Processing. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-14.	4.7	13
6	High-Precision Detection Method for Structure Parameters of Catenary Cantilever Devices Using 3-D Point Cloud Data. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	10
7	Virtual Reality and Convolutional Neural Networks for Railway Catenary Support Components Monitoring. , 2019, , .		3
8	Action-driven Reinforcement Learning for Improving Localization of Brace Sleeve in Railway Catenary. , 2020, , .		3
9	An Automatic Defect Detection Method for Catenary Bracing Wire Components Using Deep Convolutional Neural Networks and Image Processing. , 2020, , .		2
10	A Multilevel Feature and Structure Prior Information-Based Positioning Approach for Catenary Support Components. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	1