

# Wenqiang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2532794/publications.pdf>

Version: 2024-02-01

10  
papers

147  
citations

1478505

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h-index

1720034

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all docs

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docs citations

10  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Unified Deep Learning Architecture for the Detection of All Catenary Support Components. IEEE Access, 2020, 8, 17049-17059.	4.2	20
6	An Automatic Defect Detection Method for Catenary Bracing Wire Components Using Deep Convolutional Neural Networks and Image Processing. , 2020, , .		2
7	Action-driven Reinforcement Learning for Improving Localization of Brace Sleeve in Railway Catenary. , 2020, , .		3
8	Virtual Reality and Convolutional Neural Networks for Railway Catenary Support Components Monitoring. , 2019, , .		3
9	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
10	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