Chao Wang

List of Publications by Year in descending order

13 papers	196 citations	1163117 8 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	140 citing authors

#	Article	IF	Citations
1	Detection for Rail Surface Defects via Partitioned Edge Feature. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5806-5822.	8.0	34
2	A hierarchical learning approach for railway fastener detection using imbalanced samples. Measurement: Journal of the International Measurement Confederation, 2021, 186, 110240.	5.0	8
3	A Multifeature Hierarchical Locating Algorithm for Hexagon Nut of Railway Fasteners. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 693-699.	4.7	15
4	Combination-Chord Measurement of Rail Corrugation Using Triple-Line Structured-Light Vision: Rectification and Optimization. IEEE Transactions on Intelligent Transportation Systems, 2020, , 1-10.	8.0	5
5	A rail corrugation measurement method based on data splicing. Measurement: Journal of the International Measurement Confederation, 2020, 156, 107560.	5.0	12
6	A Visual Inspection System for Accurate Positioning of Railway Fastener. IEICE Transactions on Information and Systems, 2020, E103.D, 2208-2215.	0.7	0
7	Distortion Rectifying for Dynamically Measuring Rail Profile Based on Self-Calibration of Multiline Structured Light. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 678-689.	4.7	26
8	Rail Corrugation Broadband Measurement Based on Combination-Chord Model and LS. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 938-949.	4.7	14
9	Dynamic Inspection of Rail Wear via a Three-Step Method: Auxiliary Plane Establishment, Self-Calibration, and Projecting. IEEE Access, 2018, 6, 36143-36154.	4.2	6
10	Forecast of Non-Equal Interval Track Irregularity Based on Improved Grey Model and PSO-SVM. IEEE Access, 2018, 6, 34812-34818.	4.2	22
11	Recognition and Calibration of Rail Profile Under Affine-Distortion-Based Point Set Mapping. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 131-140.	4.7	25
12	Distortion calibrating method of measuring rail profile based on local affine invariant feature descriptor. Measurement: Journal of the International Measurement Confederation, 2017, 110, 11-21.	5.0	19
13	Deviation rectification for dynamic measurement of rail wear based on coordinate sets projection. Measurement Science and Technology, 2017, 28, 105203.	2.6	10