

Peng Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

335
citations

1162889

8
h-index

996849

15
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16
all docs

16
docs citations

16
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Defect detection of hot rolled steels with a new object detection framework called classification priority network. Computers and Industrial Engineering, 2019, 128, 290-297.	3.4	108
2	Rail Profile Measurement Based on Line-structured Light Vision. IEEE Access, 2018, 6, 16423-16431.	2.6	42
3	Application of RNAMlet to surface defect identification of steels. Optics and Lasers in Engineering, 2018, 105, 110-117.	2.0	39
4	Microwave absorption properties of SiC@SiO ₂ @Fe ₃ O ₄ hybrids in the 2–18 GHz range. International Journal of Minerals, Metallurgy and Materials, 2017, 24, 804-813.	2.4	34
5	Effects of Mn and Cr contents on microstructures and mechanical properties of low temperature bainitic steel. Journal of Iron and Steel Research International, 2017, 24, 290-295.	1.4	22
6	Mask Gradient Response-Based Threshold Segmentation for Surface Defect Detection of Milled Aluminum Ingot. Sensors, 2020, 20, 4519.	2.1	16
7	Surface defect identification of aluminium strips with non-subsampled shearlet transform. Optics and Lasers in Engineering, 2020, 127, 105986.	2.0	15
8	Online Detection Technique of 3D Defects for Steel Strips Based on Photometric Stereo. , 2016, , .		10
9	Defect Detection of Aluminium Plates Based on Near-Field Enhancement of Lamb Waves Generated Using an Electromagnetic Acoustic Transducer. Sensors, 2019, 19, 3529.	2.1	9
10	Multi-Directional Scene Text Detection Based on Improved YOLOv3. Sensors, 2021, 21, 4870.	2.1	8
11	Influence of chromium on corrosion behavior of low-alloy steel in cargo oil tank O ₂ -CO ₂ -SO ₂ -H ₂ S wet gas environment. Journal of Iron and Steel Research International, 2015, 22, 630-637.	1.4	7
12	Fast Measurement of Magnetostriction Coefficients for Silicon Steel Strips Using Magnetostriction-Based EMAT. Sensors, 2018, 18, 4495.	2.1	6
13	An Improved Character Recognition Framework for Containers Based on DETR Algorithm. Sensors, 2021, 21, 4612.	2.1	6
14	Improved cross entropy loss for noisy labels in vision leaf disease classification. IET Image Processing, 2022, 16, 1511-1519.	1.4	6
15	Improved contourlet transform construction and its application to surface defect recognition of metals. Multidimensional Systems and Signal Processing, 2020, 31, 951-964.	1.7	5
16	Feature Extraction with Discrete Non-Separable Shearlet Transform and Its Application to Surface Inspection of Continuous Casting Slabs. Applied Sciences (Switzerland), 2019, 9, 4668.	1.3	2