

# Peng Zhou

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

168  
citations

6  
h-index

12  
g-index

16  
ext. papers

257  
ext. citations

3.2  
avg, IF

3.58  
L-index

#	Paper	IF	Citations
16	Defect detection of hot rolled steels with a new object detection framework called classification priority network. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 128, 290-297	6.4	51
15	Rail Profile Measurement Based on Line-structured Light Vision. <i>IEEE Access</i> , <b>2018</b> , 6, 16423-16431	3.5	30
14	Application of RNAMlet to surface defect identification of steels. <i>Optics and Lasers in Engineering</i> , <b>2018</b> , 105, 110-117	4.6	26
13	Microwave absorption properties of SiC@SiO <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> hybrids in the 2~8 GHz range. <i>International Journal of Minerals, Metallurgy and Materials</i> , <b>2017</b> , 24, 804-813	3.1	16
12	Effects of Mn and Cr contents on microstructures and mechanical properties of low temperature bainitic steel. <i>Journal of Iron and Steel Research International</i> , <b>2017</b> , 24, 290-295	1.2	11
11	Surface defect identification of aluminium strips with non-subsampled shearlet transform. <i>Optics and Lasers in Engineering</i> , <b>2020</b> , 127, 105986	4.6	6
10	Fast Measurement of Magnetostriction Coefficients for Silicon Steel Strips Using Magnetostriction-Based EMAT. <i>Sensors</i> , <b>2018</b> , 18,	3.8	5
9	Influence of chromium on corrosion behavior of low-alloy steel in cargo oil tank O <sub>2</sub> -CO <sub>2</sub> -SO <sub>2</sub> -H <sub>2</sub> S wet gas environment. <i>Journal of Iron and Steel Research International</i> , <b>2015</b> , 22, 630-637	1.2	4
8	Defect Detection of Aluminium Plates Based on Near-Field Enhancement of Lamb Waves Generated Using an Electromagnetic Acoustic Transducer. <i>Sensors</i> , <b>2019</b> , 19,	3.8	4
7	Mask Gradient Response-Based Threshold Segmentation for Surface Defect Detection of Milled Aluminum Ingot. <i>Sensors</i> , <b>2020</b> , 20,	3.8	4
6	Multi-Directional Scene Text Detection Based on Improved YOLOv3. <i>Sensors</i> , <b>2021</b> , 21,	3.8	4
5	Online Detection Technique of 3D Defects for Steel Strips Based on Photometric Stereo <b>2016</b> ,		3
4	An Improved Character Recognition Framework for Containers Based on DETR Algorithm. <i>Sensors</i> , <b>2021</b> , 21,	3.8	2
3	Improved contourlet transform construction and its application to surface defect recognition of metals. <i>Multidimensional Systems and Signal Processing</i> , <b>2020</b> , 31, 951-964	1.8	1
2	Feature Extraction with Discrete Non-Separable Shearlet Transform and Its Application to Surface Inspection of Continuous Casting Slabs. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 4668	2.6	1
1	Improved cross entropy loss for noisy labels in vision leaf disease classification. <i>IET Image Processing</i> , <b>2022</b> , 16, 1511-1519	1.7	0