

# Pengxing Yi

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

115  
citations

1307594

7  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

110  
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Defect Classification Approach Based on the Fusion Matrix of Multi-Eigenvalue. IEEE Sensors Journal, 2021, 21, 3398-3407.	4.7	2
2	A SVD-Based Signal De-Noising Method With Fitting Threshold for EMAT. IEEE Access, 2021, 9, 21123-21131.	4.2	7
3	Fast Verification of Space Based on Hierarchical Bounding Boxes in Virtual Assembly. , 2020, , .		0
4	A modal interval based method for dynamic decision model considering uncertain quality of used products in remanufacturing. Journal of Intelligent Manufacturing, 2018, 29, 925-935.	7.3	23
5	A Temperature Drift Compensation Method for Pulsed Eddy Current Technology. Sensors, 2018, 18, 1952.	3.8	8
6	Triple Recycling Channel Strategies for Remanufacturing of Construction Machinery in a Retailer-Dominated Closed-Loop Supply Chain. Sustainability, 2017, 9, 2167.	3.2	21
7	Numerical analysis and experimental investigation of modal properties for the gearbox in wind turbine. Frontiers of Mechanical Engineering, 2016, 11, 388-402.	4.3	9
8	A New Method to Evaluate Surface Defects with an Electromagnetic Acoustic Transducer. Sensors, 2015, 15, 17420-17432.	3.8	8
9	Dynamic modeling and analysis of load sharing characteristics of wind turbine gearbox. Advances in Mechanical Engineering, 2015, 7, 168781401557596.	1.6	13
10	Influence of the Lift-Off Effect on the Cut-Off Frequency of the EMAT-Generated Rayleigh Wave Signal. Sensors, 2014, 14, 19687-19699.	3.8	16
11	Numerical investigation of the lift-off effect on the cut-off frequency in the Rayleigh wave. , 2014, , .		1
12	Multi-objective genetic algorithms based structural optimization and experimental investigation of the planet carrier in wind turbine gearbox. Frontiers of Mechanical Engineering, 2014, 9, 354-367.	4.3	6
13	Axial motion of flat belt induced by angular misalignment of rollers. , 2009, , .		1