

Fang Duan

List of Publications by Year in descending order

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17
papers

136
citations

1684188

5
h-index

1474206

9
g-index

17
all docs

17
docs citations

17
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Underwater GMR sensor data storage using RFID tags. , 2022, , .		1
2	Particle swarm optimization of excitation system design of magnetic eddy current sensor. , 2022, , .		1
3	Parameter Analysis of Pulsed Eddy Current Sensor Using Principal Component Analysis. IEEE Sensors Journal, 2021, 21, 6897-6903.	4.7	5
4	Decoupling the Influence of Wall Thinning and Cladding Thickness Variations in Pulsed Eddy Current Using Principal Component Analysis. IEEE Sensors Journal, 2021, 21, 22011-22018.	4.7	4
5	Development of an MFL Coil Sensor for Testing Pipes in Extreme Temperature Conditions. Sensors, 2021, 21, 3033.	3.8	4
6	Determining Feature Extraction Parameters for Pulsed Eddy Current Sensor: A Minimisation Problem Approach. IEEE Sensors Journal, 2021, 21, 26124-26131.	4.7	2
7	A Comprehensive Health Indicator Integrated by the Dynamic Risk Profile from Condition Monitoring Data and the Function of Financial Losses. Energies, 2021, 14, 28.	3.1	0
8	Pulsed Eddy Current: Feature Extraction Enabling In-Situ Calibration and Improved Estimation for Ferromagnetic Application. Journal of Nondestructive Evaluation, 2020, 39, 1.	2.4	9
9	Canonical variate analysis, probability approach and support vector regression for fault identification and failure time prediction. Journal of Intelligent and Fuzzy Systems, 2018, 34, 3771-3783.	1.4	8
10	Feasibility study on using thioether as an emergency backup lubrication system on a large helicopter main gearbox. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 2741-2750.	2.1	0
11	Multidimensional prognostics for rotating machinery: A review. Advances in Mechanical Engineering, 2017, 9, 168781401668500.	1.6	30
12	Using independent component analysis scheme for helicopter main gearbox bearing defect identification. , 2017, , .		6
13	Combining Canonical Variate Analysis, Probability Approach and Support Vector Regression for Failure Time Prediction. , 2017, , .		6
14	Using empirical mode decomposition scheme for helicopter main gearbox bearing defect identification. , 2016, , .		5
15	Helicopter main gearbox bearing defect identification with acoustic emission techniques. , 2016, , .		3
16	Induction Motor Parameter Estimation Using Sparse Grid Optimization Algorithm. IEEE Transactions on Industrial Informatics, 2016, 12, 1453-1461.	11.3	36
17	Induction Motor Stator Fault Detection by a Condition Monitoring Scheme Based on Parameter Estimation Algorithms. Electric Power Components and Systems, 2016, 44, 1138-1148.	1.8	16