

# Jianguo Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

246  
citations

1307594

7  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

175  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Data-Driven Method With Mode Decomposition Mechanism for Remaining Useful Life Prediction of Lithium-Ion Batteries. IEEE Transactions on Power Electronics, 2022, 37, 13684-13695.	7.9	27
2	Fault early warning of wind turbine gearbox based on multi-input support vector regression and improved ant lion optimization. Wind Energy, 2021, 24, 812-832.	4.2	12
3	Deployment optimization of wireless mesh networks in wind turbine condition monitoring system. Wireless Networks, 2021, 27, 1459-1476.	3.0	3
4	Study on the Flow State of Circulating Cooling Water for the Industrial Heat Exchange Tube in the Electromagnetic Anti-Fouling Process. ACS Omega, 2021, 6, 28515-28527.	3.5	4
5	Novel investigation strategy for mini-channel liquid-cooled battery thermal management system. International Journal of Energy Research, 2020, 44, 1971-1985.	4.5	26
6	Remaining Useful Life Prediction of Lithium-Ion Batteries Using Support Vector Regression Optimized by Artificial Bee Colony. IEEE Transactions on Vehicular Technology, 2019, 68, 9543-9553.	6.3	85
7	A method based on improved ant lion optimization and support vector regression for remaining useful life estimation of lithium-ion batteries. Energy Science and Engineering, 2019, 7, 2797-2813.	4.0	27
8	Analysis of the Magnetic Field in the Cavity of Multi-Layer Winding Electromagnetic Water Processor. IEEE Access, 2019, 7, 2512-2519.	4.2	6
9	Effect of Electromagnetic Fields on Calcium Carbonate Solution Crystallization and Magnetic Memory Effect. Crystal Research and Technology, 2018, 53, 1700188.	1.3	6
10	Statistical Analysis of Circulating Water Quality Parameters under Variable-Frequency Vertical Electromagnetic Fields. Processes, 2018, 6, 182.	2.8	2
11	Application of VMD in Fault Diagnosis for Rolling Bearing under Variable Speed Conditions. , 2017, , .		1
12	The Suppression of Impact Noise in Wind Turbine Gearbox Vibration Signal. , 2017, , .		0
13	Influence of electromagnetic field intensity on the metastable zone width of CaCO <sub>3</sub> crystallization in circulating water. Journal of Crystal Growth, 2016, 450, 56-60.	1.5	7
14	High-gain observer based decentralised output feedback control for interconnected nonlinear systems with unknown hysteresis input. International Journal of Control, 2013, 86, 1046-1059.	1.9	30
15	RBFNN Aided Extended Kalman Filter for MEMS AHRS/GPS. , 2009, , .		5
16	Quadratic EKF algorithm enhancements for low cost tightly-coupled AHRS/GPS. , 2008, , .		2
17	Applies of Neural Networks to Identify Gases Based on Electronic Nose. , 2007, , .		3