

# Yin Luo

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

116  
citations

1307594

7  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

87  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hilbert spectrum analysis of unsteady characteristics in centrifugal pump operation under cavitation status. <i>Annals of Nuclear Energy</i> , 2018, 114, 607-615.	1.8	26
2	Characterization of cavitation and seal damage during pump operation by vibration and motor current signal spectra. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2019, 233, 132-147.	1.4	15
3	Research on the induction motor current signature for centrifugal pump at cavitation condition. <i>Advances in Mechanical Engineering</i> , 2015, 7, 168781401561713.	1.6	13
4	Induction motor current signature for centrifugal pump load. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2016, 230, 1890-1901.	2.1	11
5	Unsteady characteristics analysis of centrifugal pump operation based on motor stator current. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2017, 231, 689-705.	1.4	8
6	Research on energy-saving operation control model of the multi-type configuration centrifugal pump system with single invert. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401770765.	1.6	8
7	Fault Prediction of Centrifugal Pump Based on Improved KNN. <i>Shock and Vibration</i> , 2021, 2021, 1-12.	0.6	8
8	Multi-Criteria Evaluation of Small-Scale Sprinkler Irrigation Systems Using Grey Relational Analysis. <i>Water Resources Management</i> , 2014, 28, 4665-4684.	3.9	7
9	Analysis of Vibration Characteristics of Centrifugal Pump Mechanical Seal under Wear and Damage Degree. <i>Shock and Vibration</i> , 2021, 2021, 1-9.	0.6	7
10	Modeling Optimal Scheduling for Pumping System to Minimize Operation Cost and Enhance Operation Reliability. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-19.	0.9	4
11	Energy-saving control model of inverter for centrifugal pump systems. <i>Advances in Mechanical Engineering</i> , 2015, 7, 168781401558949.	1.6	3
12	Research on the Single-Value Indicators for Centrifugal Pump Based on Vibration Signals. <i>Sensors</i> , 2020, 20, 3283.	3.8	3
13	Research on the operation condition indicator for centrifugal pump based on sensorless monitoring technology. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2021, 235, 514-526.	2.5	2
14	Strategy of Energy-saving for Variable-Rate Irrigation Sprinkler. , 2009, , .		1
15	Research on stator current characteristics of centrifugal pumps under different mechanical seal failures. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 0, , 095440622110610.	2.1	0