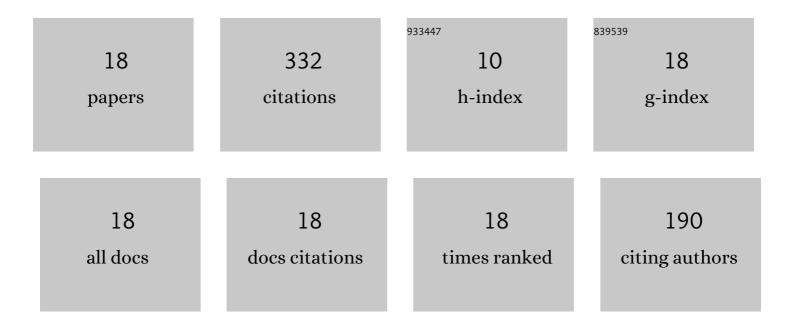
Yongsheng Zhao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2356452/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Wind-capture-accelerate device for performance improvement of vertical-axis wind turbines: External diffuser system. Energy, 2022, 239, 122196.	8.8	12
2	The mean wake model and its novel characteristic parameter of H-rotor VAWTs based on random forest method. Energy, 2022, 239, 122456.	8.8	7
3	On the hydrodynamic responses of a multi-column TLP floating offshore wind turbine model. Ocean Engineering, 2022, 253, 111262.	4.3	5
4	Investigation of pitch angles on the aerodynamics of twin-VAWT under staggered arrangement. Ocean Engineering, 2022, 254, 111385.	4.3	10
5	Characterization of wake interference between two tandem offshore floating vertical-axis wind turbines: Effect of platform pitch motion. Energy Conversion and Management, 2022, 265, 115769.	9.2	18
6	Effect of surge motion on rotor aerodynamics and wake characteristics of a floating horizontal-axis wind turbine. Energy, 2021, 218, 119519.	8.8	30
7	Numerical Investigation of Effects of Turbulence Intensity on Aerodynamic Performance for Straight-Bladed Vertical-Axis Wind Turbines. Journal of Energy Engineering - ASCE, 2021, 147, .	1.9	9
8	Aerodynamic performance assessment of φ-type vertical axis wind turbine under pitch motion. Energy, 2021, 225, 120202.	8.8	7
9	Investigation of V-shaped blade for the performance improvement of vertical axis wind turbines. Applied Energy, 2020, 260, 114326.	10.1	41
10	Numerical analysis of aerodynamic performance of a floating offshore wind turbine under pitch motion. Energy, 2020, 192, 116621.	8.8	49
11	Hydrodynamic Responses of a 6 MW Spar-Type Floating Offshore Wind Turbine in Regular Waves and Uniform Current. Fluids, 2020, 5, 187.	1.7	14
12	High-order redesign method for wind turbine blade optimization in model test considering aerodynamic similarity. Ocean Engineering, 2020, 202, 107156.	4.3	7
13	Three-dimensional wake transition in the flow over four square cylinders at low Reynolds numbers. AIP Advances, 2020, 10, 015142.	1.3	3
14	Flow characteristics and dynamic responses of a parked straightâ€bladed vertical axis wind turbine. Energy Science and Engineering, 2019, 7, 1767-1783.	4.0	3
15	Research on Dynamic Response Characteristics of 6MW Spar-Type Floating Offshore Wind Turbine. Journal of Shanghai Jiaotong University (Science), 2018, 23, 505-514.	0.9	8
16	Design, analysis and test of a model turbine blade for a wave basin test of floating wind turbines. Renewable Energy, 2016, 97, 414-421.	8.9	38
17	Dynamic response analysis of a multi-column tension-leg-type floating wind turbine under combined wind and wave loading. Journal of Shanghai Jiaotong University (Science), 2016, 21, 103-111.	0.9	22
18	Preliminary Design of a Multi-Column TLP Foundation for a 5-MW Offshore Wind Turbine. Energies, 2012, 5, 3874-3891.	3.1	49