

# Yongsheng Zhao

## List of Publications by Year in descending order

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18  
papers

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citations

933447

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839539

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18  
docs citations

18  
times ranked

190  
citing authors

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