

# Aya Aihara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1524252/publications.pdf>

Version: 2024-02-01

8  
papers

68  
citations

1937685

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2053705

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8  
all docs

8  
docs citations

8  
times ranked

56  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feasibility study on a strain based deflection monitoring system for wind turbine blades. Mechanical Systems and Signal Processing, 2017, 82, 117-129.	8.0	37
2	A numerical study of strut and tower influence on the performance of vertical axis wind turbines using computational fluid dynamics simulation. Wind Energy, 2022, 25, 897-913.	4.2	10
3	A Vibration Estimation Method for Wind Turbine Blades. Experimental Mechanics, 2017, 57, 1213-1224.	2.0	8
4	Comparison of Three-Dimensional Numerical Methods for Modeling of Strut Effect on the Performance of a Vertical Axis Wind Turbine. Energies, 2022, 15, 2361.	3.1	8
5	Aeroacoustic noise prediction of a vertical axis wind turbine using large eddy simulation. International Journal of Aeroacoustics, 2021, 20, 959-978.	1.3	2
6	Vortex induced vibration energy extraction modeling via forced versus free vibration. , 2017, , .		1
7	LES prediction for acoustic noise of airfoil at high angle of attack. , 2020, , .		1
8	Numerical prediction of noise generated from airfoil in stall using LES and acoustic analogy. Noise and Vibration Worldwide, 0, , 095745652110307.	1.0	1