

Tharindu Miyanawala

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3585405/publications.pdf>

Version: 2024-02-01

10
papers

135
citations

1937685

4
h-index

2272923

4
g-index

10
all docs

10
docs citations

10
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Partitioned iterative and dynamic subgrid-scale methods for freely vibrating square-section structures at subcritical Reynolds number. <i>Computers and Fluids</i> , 2016, 133, 68-89.	2.5	49
2	Decomposition of wake dynamics in fluid-structure interaction via low-dimensional models. <i>Journal of Fluid Mechanics</i> , 2019, 867, 723-764.	3.4	35
3	Explainable Machine Learning (XML) to predict external wind pressure of a low-rise building in urban-like settings. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2022, 226, 105027.	3.9	21
4	Self-sustaining turbulent wake characteristics in fluid-structure interaction of a square cylinder. <i>Journal of Fluids and Structures</i> , 2018, 77, 80-101.	3.4	14
5	Data-Driven Computing With Convolutional Neural Networks for Two-Phase Flows: Application to Wave-Structure Interaction. , 2018, , .		7
6	A Hybrid Data-Driven Deep Learning Technique for Fluid-Structure Interaction. , 2019, , .		6
7	A Novel Deep Learning Method for the Predictions of Current Forces on Bluff Bodies. , 2018, , .		3
8	Flow-Induced Vibrations of a Square Cylinder With Combined Translational and Rotational Oscillations. , 2016, , .		0
9	Control of Flow-Induced Motion in Multi-Column Offshore Platform by Near-Wake Jets. , 2017, , .		0
10	Deep Learning Techniques for Effective Prediction of Aerodynamic Properties of Elliptical Bluff Bodies. , 2021, , .		0