Xiaowei Jin

List of Publications by Year
in descending order

6 papers	692 citations	1684188 5 h-index	1872680 6 g-index
6 all docs	6 docs citations	6 times ranked	364 citing authors

#	Article	IF	Citations
1	Machine learning modeling for the near-wake mean velocity deficit profiles behind a rough circular cylinder. Ocean Engineering, 2022, 259, 111791.	4.3	5
2	NSFnets (Navier-Stokes flow nets): Physics-informed neural networks for the incompressible Navier-Stokes equations. Journal of Computational Physics, 2021, 426, 109951.	3.8	386
3	Time-resolved reconstruction of flow field around a circular cylinder by recurrent neural networks based on non-time-resolved particle image velocimetry measurements. Experiments in Fluids, 2020, 61, 1.	2.4	34
4	A novel long short-term memory neural-network-based self-excited force model of limit cycle oscillations of nonlinear flutter for various aerodynamic configurations. Nonlinear Dynamics, 2020, 100, 2071-2087.	5.2	34
5	General solutions for nonlinear differential equations: a rule-based self-learning approach using deep reinforcement learning. Computational Mechanics, 2019, 64, 1361-1374.	4.0	31
6	Prediction model of velocity field around circular cylinder over various Reynolds numbers by fusion convolutional neural networks based on pressure on the cylinder. Physics of Fluids, 2018, 30, .	4.0	202