

L Chan

List of Publications by Year in descending order

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16
papers

474
citations

1163117

8
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

290
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | A systematic investigation of roughness height and wavelength in turbulent pipe flow in the transitionally rough regime. Journal of Fluid Mechanics, 2015, 771, 743-777. | 3.4 | 140 |
| 2 | A fast direct numerical simulation method for characterising hydraulic roughness. Journal of Fluid Mechanics, 2015, 773, 418-431. | 3.4 | 77 |
| 3 | Turbulent flow over transitionally rough surfaces with varying roughness densities. Journal of Fluid Mechanics, 2016, 804, 130-161. | 3.4 | 63 |
| 4 | Secondary motion in turbulent pipe flow with three-dimensional roughness. Journal of Fluid Mechanics, 2018, 854, 5-33. | 3.4 | 61 |
| 5 | The minimal-span channel for rough-wall turbulent flows. Journal of Fluid Mechanics, 2017, 816, 5-42. | 3.4 | 54 |
| 6 | Investigation of the Flow Structures in Supersonic Free and Impinging Jet Flows. Journal of Fluids Engineering, Transactions of the ASME, 2013, 135, . | 1.5 | 34 |
| 7 | Large eddy simulation and Reynolds-averaged Navier-Stokes calculations of supersonic impinging jets at varying nozzle-to-wall distances and impinging angles. International Journal of Heat and Fluid Flow, 2014, 47, 31-41. | 2.4 | 12 |
| 8 | Transport of particles in a turbulent rough-wall pipe flow. Journal of Fluid Mechanics, 2021, 908, . | 3.4 | 11 |
| 9 | Numerical investigations of the wake behind a confined flat plate. International Journal of Heat and Fluid Flow, 2022, 94, 108924. | 2.4 | 7 |
| 10 | The minimal channel: a fast and direct method for characterising roughness. Journal of Physics: Conference Series, 2016, 708, 012010. | 0.4 | 3 |
| 11 | Effect of averaging period on wind resource assessment for wind turbine installation project at UNITEN. AIP Conference Proceedings, 2018, , . | 0.4 | 3 |
| 12 | Numerical Study of Flow Characteristics Around Confined Cylinder using OpenFOAM. International Journal of Engineering and Technology(UAE), 2018, 7, 617. | 0.3 | 3 |
| 13 | Designing vortices in pipe flow with topography-driven Langmuir circulation. Journal of Fluid Mechanics, 2021, 926, . | 3.4 | 3 |
| 14 | Investigation of the Optimal Position of Wind Sensors and Wind Turbines on a Building: A Computational Fluid Dynamics Study. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 8, 756. | 0.8 | 2 |
| 15 | Analysis of the coherent and turbulent stresses of a numerically simulated rough wall pipe. Journal of Physics: Conference Series, 2017, 822, 012011. | 0.4 | 1 |
| 16 | An Analysis of Two-Dimensional Stratified Gravity Current Flow using Open FOAM. International Journal of Engineering and Technology(UAE), 2018, 7, 589. | 0.3 | 0 |