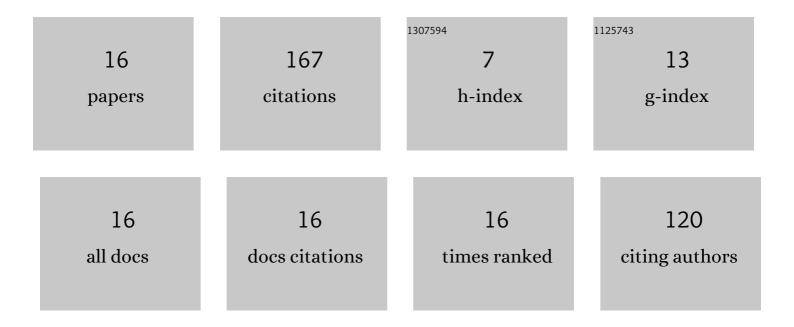
Takuya Kawata

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Scale interactions in turbulent plane Couette flows in minimal domains. Journal of Fluid Mechanics, 2021, 911, . | 3.4 | 13 |
| 2 | Flow Field Measurement of Laboratory-Scaled Cross-Flow Hydrokinetic Turbines: Part I—The Near-Wake of a Single Turbine. Journal of Marine Science and Engineering, 2021, 9, 489. | 2.6 | 2 |
| 3 | Flow Field Measurement of Laboratory-Scaled Cross-Flow Hydrokinetic Turbines: Part II—The Near-Wake of Twin Turbines in Counter-Rotating Configurations. Journal of Marine Science and Engineering, 2021, 9, 777. | 2.6 | 0 |
| 4 | Scale interactions in turbulent rotating planar Couette flow: insight through the Reynolds stress transport. Journal of Fluid Mechanics, 2019, 879, 255-295. | 3.4 | 16 |
| 5 | Viscoelasticity-induced pulsatile motion of 2D roll cell in laminar wall-bounded shear flow. International Journal of Heat and Fluid Flow, 2018, 74, 65-75. | 2.4 | 1 |
| 6 | DNS of Taylor–Couette flow between counter-rotating cylinders at small radius ratio. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2018, 10, 159-170. | 1.1 | 17 |
| 7 | Viscoelastic effect on steady wavy roll cells in wall-bounded shear flow. Fluid Dynamics Research, 2018, 50, 051414. | 1.3 | 3 |
| 8 | Inverse Interscale Transport of the Reynolds Shear Stress in Plane Couette Turbulence. Physical Review Letters, 2018, 120, 244501. | 7.8 | 46 |
| 9 | Flow Structures and Momentum Transport in Turbulent Rotating Plane Couette Flow. Springer Proceedings in Physics, 2017, , 51-57. | 0.2 | 0 |
| 10 | Experiments in rotating plane Couette flow – momentum transport by coherent roll-cell structure and zero-absolute-vorticity state. Journal of Fluid Mechanics, 2016, 791, 191-213. | 3.4 | 20 |
| 11 | Turbulent rotating plane Couette flow: Reynolds and rotation number dependency of flow structure and momentum transport. Physical Review Fluids, 2016, 1, . | 2.5 | 22 |
| 12 | Simultaneous measurement of fluctuating velocity and pressure in the near wake of a circular cylinder. Experiments in Fluids, 2014, 55, 1. | 2.4 | 7 |
| 13 | Velocity–pressure correlation measurement based on planar PIV and miniature static pressure probes. Experiments in Fluids, 2014, 55, 1. | 2.4 | 7 |
| 14 | An attempt to measure fluctuating local pressure in free turbulent flow in water. Journal of Fluid Science and Technology, 2014, 9, JFST0014-JFST0014. | 0.6 | 2 |
| 15 | Simultaneous Measurement of Velocity and Fluctuating Pressure in a Turbulent Wing-tip Vortex Using Triple Hot-film Sensor and Miniature Total Pressure Probe. Flow, Turbulence and Combustion, 2011, 86, 419-437. | 2.6 | 4 |
| 16 | Simultaneous Measurement of Velocity and Pressure in a Wing-Tip Vortex. Journal of Fluid Science and Technology, 2009, 4, 107-115. | 0.6 | 7 |