

Gilles Tissot

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

140
citations

1478505

6
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

139
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Sensitivity of wavepackets in jets to nonlinear effects: the role of the critical layer. Journal of Fluid Mechanics, 2017, 811, 95-137. | 3.4 | 53 |
| 2 | Reduced-order modelling of the flow around a high-lift configuration with unsteady CoandaÁblowing. Journal of Fluid Mechanics, 2016, 800, 72-110. | 3.4 | 25 |
| 3 | Closed-loop control of a free shear flow: a framework using the parabolized stability equations. Theoretical and Computational Fluid Dynamics, 2018, 32, 765-788. | 2.2 | 22 |
| 4 | Wave packets and Orr mechanism in turbulent jets. Physical Review Fluids, 2017, 2, . | 2.5 | 16 |
| 5 | Optimal cavity shape design for acoustic liners using Helmholtz equation with visco-thermal losses. Journal of Computational Physics, 2020, 402, 109048. | 3.8 | 11 |
| 6 | Stochastic linear modes in a turbulent channel flow. Journal of Fluid Mechanics, 2021, 912, . | 3.4 | 8 |
| 7 | Forced convection heat transfer of Giesekus fluid with wall slip above the critical shear stress in pipes. International Journal of Heat and Fluid Flow, 2018, 71, 442-450. | 2.4 | 5 |
| 8 | Feedback Stabilization of an Oscillating Vertical Cylinder by POD Reduced-Order Model. Proceedings in Applied Mathematics and Mechanics, 2014, 14, 729-730. | 0.2 | 0 |
| 9 | Accurate estimation for the closed-loop robust control using global modes. IFAC-PapersOnLine, 2017, 50, 11113-11119. | 0.9 | 0 |