

George S Triantafyllou

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,977
citations

623734

14
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1230
citing authors

#	ARTICLE	IF	CITATIONS
1	An Efficient Swimming Machine. <i>Scientific American</i> , 1995, 272, 64-70.	1.0	757
2	Three-dimensional dynamics and transition to turbulence in the wake of bluff objects. <i>Journal of Fluid Mechanics</i> , 1992, 238, 1-30.	3.4	315
3	Frequency selection and asymptotic states in laminar wakes. <i>Journal of Fluid Mechanics</i> , 1989, 199, 441-469.	3.4	229
4	Efficient foil propulsion through vortex control. <i>AIAA Journal</i> , 1996, 34, 2315-2319.	2.6	173
5	On the formation of vortex streets behind stationary cylinders. <i>Journal of Fluid Mechanics</i> , 1986, 170, 461-477.	3.4	137
6	The surface layer for free-surface turbulent flows. <i>Journal of Fluid Mechanics</i> , 1999, 386, 167-212.	3.4	88
7	Interaction of two-dimensional separated flows with a free surface at low Froude numbers. <i>Physics of Fluids A, Fluid Dynamics</i> , 1989, 1, 1813-1821.	1.6	47
8	Turbulent diffusion near a free surface. <i>Journal of Fluid Mechanics</i> , 2000, 407, 145-166.	3.4	47
9	Nonlinear interaction of shear flow with a free surface. <i>Journal of Fluid Mechanics</i> , 1994, 260, 211-246.	3.4	37
10	Computational reducibility of unsteady viscous flows. <i>Physics of Fluids A, Fluid Dynamics</i> , 1990, 2, 653-656.	1.6	30
11	Chaos in a cylinder wake due to forcing at the Strouhal frequency. <i>Physics of Fluids</i> , 2009, 21, .	4.0	27
12	Physical condition for absolute instability in inviscid hydroelastic coupling. <i>Physics of Fluids A, Fluid Dynamics</i> , 1992, 4, 544-552.	1.6	21
13	Effect of surfactants on free-surface turbulent flows. <i>Journal of Fluid Mechanics</i> , 2004, 506, 79-115.	3.4	17
14	Note on the Kelvin-Helmholtz instability of stratified fluids. <i>Physics of Fluids</i> , 1994, 6, 164-171.	4.0	15
15	Mixing of a passive scalar near a free surface. <i>Physics of Fluids</i> , 2001, 13, 913-926.	4.0	13
16	Hydrodynamic features of the South Aegean Sea as derived from Argo T/S and dissolved oxygen profiles in the area. <i>Ocean Dynamics</i> , 2016, 66, 1449-1466.	2.2	9
17	Sensitivity of two-dimensional flow past transversely oscillating cylinder to streamwise cylinder oscillations. <i>Physics of Fluids</i> , 2016, 28, .	4.0	8
18	The crisis of transport measures in chaotic flow past a cylinder. <i>Physics of Fluids A, Fluid Dynamics</i> , 1989, 1, 628-630.	1.6	5

#	ARTICLE	IF	CITATIONS
19	Computational Study of Three-Dimensional Flow Past an Oscillating Cylinder Following a Figure Eight Trajectory. <i>Fluids</i> , 2021, 6, 107.	1.7	2