

# Theodore D Drivas

## List of Publications by Year in descending order

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21  
papers

310  
citations

840776

11  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-regularization in turbulence from the Kolmogorov 4/5-law and alignment. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20210033.	3.4	6
2	Flexibility and rigidity of free boundary MHD equilibria. <i>Nonlinearity</i> , 2022, 35, 2363-2384.	1.4	2
3	“Life after death”™ in ordinary differential equations with a non-Lipschitz singularity. <i>Nonlinearity</i> , 2021, 34, 2296-2326.	1.4	6
4	Flexibility and Rigidity in Steady Fluid Motion. <i>Communications in Mathematical Physics</i> , 2021, 385, 521-563.	2.2	17
5	Boundary Conditions and Polymeric Drag Reduction for the Navier–Stokes Equations. <i>Archive for Rational Mechanics and Analysis</i> , 2021, 242, 485-526.	2.4	0
6	Entropy Hierarchies for Equations of Compressible Fluids and Self-Organized Dynamics. <i>SIAM Journal on Mathematical Analysis</i> , 2020, 52, 3073-3092.	1.9	10
7	Lagrangian Averaged Stochastic Advection by Lie Transport for Fluids. <i>Journal of Statistical Physics</i> , 2020, 179, 1304-1342.	1.2	13
8	Self-similar decay of the drag wake of a dimpled sphere. <i>Physical Review Fluids</i> , 2020, 5, .	2.5	1
9	An Onsager singularity theorem for Leray solutions of incompressible Navier–Stokes. <i>Nonlinearity</i> , 2019, 32, 4465-4482.	1.4	21
10	Turbulent Cascade Direction and Lagrangian Time-Asymmetry. <i>Journal of Nonlinear Science</i> , 2019, 29, 65-88.	2.1	14
11	Remarks on the Emergence of Weak Euler Solutions in the Vanishing Viscosity Limit. <i>Journal of Nonlinear Science</i> , 2019, 29, 709-721.	2.1	28
12	An Onsager Singularity Theorem for Turbulent Solutions of Compressible Euler Equations. <i>Communications in Mathematical Physics</i> , 2018, 359, 733-763.	2.2	34
13	A Lagrangian fluctuation–dissipation relation for scalar turbulence. Part III. Turbulent Rayleigh–Bénard convection. <i>Journal of Fluid Mechanics</i> , 2018, 836, 560-598.	3.4	1
14	Onsager’s Conjecture and Anomalous Dissipation on Domains with Boundary. <i>SIAM Journal on Mathematical Analysis</i> , 2018, 50, 4785-4811.	1.9	31
15	A Lagrangian fluctuation–dissipation relation for scalar turbulence. Part I. Flows with no bounding walls. <i>Journal of Fluid Mechanics</i> , 2017, 829, 153-189.	3.4	22
16	A Lagrangian fluctuation–dissipation relation for scalar turbulence. Part II. Wall-bounded flows. <i>Journal of Fluid Mechanics</i> , 2017, 829, 236-279.	3.4	11
17	Triad resonance between gravity and vorticity waves in vertical shear. <i>Ocean Modelling</i> , 2016, 103, 87-97.	2.4	11
18	Spontaneous Stochasticity and Anomalous Dissipation for Burgers Equation. <i>Journal of Statistical Physics</i> , 2015, 158, 386-432.	1.2	27

#	ARTICLE	IF	CITATIONS
19	Asymptotic results for backwards two-particle dispersion in a turbulent flow. <i>Physical Review E</i> , 2014, 89, 041003.	2.1	10
20	Caustics and wave propagation in curved spacetimes. <i>Physical Review D</i> , 2012, 85, .	4.7	28
21	Dependence of self-force on central object. <i>Classical and Quantum Gravity</i> , 2011, 28, 145025.	4.0	17