

Robert M Kerr

List of Publications by Year in descending order

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8
papers

210
citations

1163117

8
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	Enstrophy and circulation scaling for Navier–Stokes reconnection. <i>Journal of Fluid Mechanics</i> , 2018, 839, .	3.4	22
2	Trefoil knot timescales for reconnection and helicity. <i>Fluid Dynamics Research</i> , 2018, 50, 011422.	1.3	14
3	Topology of interacting coiled vortex rings. <i>Journal of Fluid Mechanics</i> , 2018, 854, .	3.4	10
4	Vorticity moments in four numerical simulations of the 3D Navier–Stokes equations. <i>Journal of Fluid Mechanics</i> , 2013, 732, 316-331.	3.4	25
5	Swirling, turbulent vortex rings formed from a chain reaction of reconnection events. <i>Physics of Fluids</i> , 2013, 25, 065101.	4.0	36
6	Bounds for Euler from vorticity moments and line divergence. <i>Journal of Fluid Mechanics</i> , 2013, 729, .	3.4	29
7	Vortex Stretching as a Mechanism for Quantum Kinetic Energy Decay. <i>Physical Review Letters</i> , 2011, 106, 224501.	7.8	37
8	Velocity and scaling of collapsing Euler vortices. <i>Physics of Fluids</i> , 2005, 17, 075103.	4.0	37