Rebecca J Lingwood

List of Publications by Year
in descending order

21 papers	1,116 citations	516710 16 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	462 citing authors

#	Article	IF	Citations
1	Instability and transition in the boundary layer driven by a rotating slender cone. Journal of Fluid Mechanics, 2021, 915, .	3.4	9
2	Turbulence in the rotating-disk boundary layer investigated through direct numerical simulations. European Journal of Mechanics, B/Fluids, 2018, 70, 6-18.	2.5	20
3	Transition to turbulence in the rotating-disk boundary-layer flow with stationary vortices. Journal of Fluid Mechanics, 2018, 836, 43-71.	3.4	21
4	On the global nonlinear instability of the rotating-disk flow over a finite domain. Journal of Fluid Mechanics, 2016, 803, 332-355.	3.4	23
5	Experimental study of rotating-disk boundary-layer flow with surface roughness. Journal of Fluid Mechanics, 2016, 786, 5-28.	3.4	22
6	Linear disturbances in the rotating-disk flow: A comparison between results from simulations, experiments and theory. European Journal of Mechanics, B/Fluids, 2016, 55, 170-181.	2.5	20
7	Global linear instability of the rotating-disk flow investigated through simulations. Journal of Fluid Mechanics, 2015, 765, 612-631.	3.4	24
8	On the laminarâ€“turbulent transition of the rotating-disk flow: the role of absolute instability. Journal of Fluid Mechanics, 2014, 745, 132-163.	3.4	37
9	The turbulent rotating-disk boundary layer. European Journal of Mechanics, B/Fluids, 2014, 48, 245-253.	2.5	12
10	Turbulent boundary layers over flat plates and rotating disksâ€”The legacy of von KÃ¡rmÃ¡n: A Stockholm perspective. European Journal of Mechanics, B/Fluids, 2013, 40, 17-29.	2.5	10
11	An experimental study of edge effects on rotating-disk transition. Journal of Fluid Mechanics, 2013, 716, 638-657.	3.4	33
12	The effects of surface mass flux on the instability of the BEK system of rotating boundary-layer flows. European Journal of Mechanics, B/Fluids, 2011, 30, 299-310.	2.5	24
13	The challenge of cancer control in Africa. Nature Reviews Cancer, 2008, 8, 398-403.	28.4	120
14	The role of Ekman pumping and the dominance of swirl in confined flows driven by Lorentz forces. European Journal of Mechanics, B/Fluids, 1999, 18, 693-711.	2.5	23
15	On the application of en-methods to three-dimensional boundary-layer flows. European Journal of Mechanics, B/Fluids, 1999, 18, 581-620.	2.5	6
16	Hydrodynamics and Nonlinear Instabilities. Edited by C. GODRÃˆCHE & P. MANNEVILLE. Cambridge University Press, 1998. 681 pp. ISBN 0521 45503 0. Â£85.. Journal of Fluid Mechanics, 1999, 380, 377-378.	3.4	0
17	On the causal behaviour of flow over an elastic wall. Journal of Fluid Mechanics, 1999, 396, 319-344.	3.4	17
18	Absolute instability of the Ekman layer and related rotating flows. Journal of Fluid Mechanics, 1997, 331, 405-428.	3.4	135

#	Article	IF	Citations
19	On the impulse response for swept boundary-layer flows. Journal of Fluid Mechanics, 1997, 344, 317-334.	3.4	52
20	An experimental study of absolute instability of the rotating-disk boundary-layer flow. Journal of Fluid Mechanics, 1996, 314, 373-405.	3.4	213
21	Absolute instability of the boundary layer on a rotating disk. Journal of Fluid Mechanics, 1995, 299, 17-33.	3.4	292