

# Rudolf Kloosterziel

## List of Publications by Year in descending order

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19  
papers

409  
citations

933447

10  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rosby wave energy: a local Eulerian isotropic invariant. <i>Journal of Fluid Mechanics</i> , 2021, 913, .	3.4	0
2	Greenâ€™s functions for Rossby waves. <i>Journal of Fluid Mechanics</i> , 2017, 830, 387-407.	3.4	2
3	Equatorial inertial instability with full Coriolis force. <i>Journal of Fluid Mechanics</i> , 2017, 825, 69-108.	3.4	10
4	Saturation of equatorial inertial instability. <i>Journal of Fluid Mechanics</i> , 2015, 767, 562-594.	3.4	4
5	Inertial and barotropic instabilities of a free current in three-dimensional rotating flow. <i>Journal of Fluid Mechanics</i> , 2013, 725, 117-151.	3.4	10
6	Predicting the aftermath of vortex breakup in rotating flow. <i>Journal of Fluid Mechanics</i> , 2011, 669, 90-119.	3.4	25
7	Viscous symmetric stability of circular flows. <i>Journal of Fluid Mechanics</i> , 2010, 652, 171-193.	3.4	9
8	Vertical scale selection in inertial instability. <i>Journal of Fluid Mechanics</i> , 2008, 594, 249-269.	3.4	21
9	Generalized energetics for inertially stable parallel shear flows. <i>Journal of Fluid Mechanics</i> , 2007, 585, 117-126.	3.4	6
10	Inertial instability in rotating and stratified fluids: barotropic vortices. <i>Journal of Fluid Mechanics</i> , 2007, 583, 379-412.	3.4	59
11	Saturation of inertial instability in rotating planar shear flows. <i>Journal of Fluid Mechanics</i> , 2007, 583, 413-422.	3.4	19
12	Closed-form linear stability conditions for magneto-convection. <i>Journal of Fluid Mechanics</i> , 2003, 490, 333-344.	3.4	5
13	Closed-form linear stability conditions for rotating Rayleigh-Bnard convection with rigid stress-free upper and lower boundaries. <i>Journal of Fluid Mechanics</i> , 2003, 480, 25-42.	3.4	34
14	Rotational suppression of Rayleighâ€™Taylor instability. <i>Journal of Fluid Mechanics</i> , 2002, 457, 181-190.	3.4	23
15	On the evolution and saturation of instabilities of two-dimensional isolated circular vortices. <i>Journal of Fluid Mechanics</i> , 1999, 388, 217-257.	3.4	37
16	Three-dimensionally perturbed vortex tubes in a rotating flow. <i>Journal of Fluid Mechanics</i> , 1997, 341, 127-163.	3.4	31
17	Evolution of near-inertial waves. <i>Journal of Fluid Mechanics</i> , 1995, 301, 269-294.	3.4	3
18	Emergence and evolution of triangular vortices. <i>Journal of Fluid Mechanics</i> , 1994, 259, 305-331.	3.4	98

#	ARTICLE	IF	CITATIONS
19	Formal stability of circular vortices. Journal of Fluid Mechanics, 1992, 242, 249-278.	3.4	13