

Rudolf Kloosterziel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7007457/publications.pdf>

Version: 2024-02-01

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	Emergence and evolution of triangular vortices. <i>Journal of Fluid Mechanics</i> , 1994, 259, 305-331.	3.4	98
2	Inertial instability in rotating and stratified fluids: barotropic vortices. <i>Journal of Fluid Mechanics</i> , 2007, 583, 379-412.	3.4	59
3	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
4	Closed-form linear stability conditions for rotating Rayleigh-Bénard convection with rigid stress-free upper and lower boundaries. <i>Journal of Fluid Mechanics</i> , 2003, 480, 25-42.	3.4	34
5	Three-dimensionally perturbed vortex tubes in a rotating flow. <i>Journal of Fluid Mechanics</i> , 1997, 341, 127-163.	3.4	31
6	Predicting the aftermath of vortex breakup in rotating flow. <i>Journal of Fluid Mechanics</i> , 2011, 669, 90-119.	3.4	25
7	Rotational suppression of Rayleigh-Taylor instability. <i>Journal of Fluid Mechanics</i> , 2002, 457, 181-190.	3.4	23
8	Vertical scale selection in inertial instability. <i>Journal of Fluid Mechanics</i> , 2008, 594, 249-269.	3.4	21
9	Saturation of inertial instability in rotating planar shear flows. <i>Journal of Fluid Mechanics</i> , 2007, 583, 413-422.	3.4	19
10	Formal stability of circular vortices. <i>Journal of Fluid Mechanics</i> , 1992, 242, 249-278.	3.4	13
11	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
12	Equatorial inertial instability with full Coriolis force. <i>Journal of Fluid Mechanics</i> , 2017, 825, 69-108.	3.4	10
13	Viscous symmetric stability of circular flows. <i>Journal of Fluid Mechanics</i> , 2010, 652, 171-193.	3.4	9
14	Generalized energetics for inertially stable parallel shear flows. <i>Journal of Fluid Mechanics</i> , 2007, 585, 117-126.	3.4	6
15	Closed-form linear stability conditions for magneto-convection. <i>Journal of Fluid Mechanics</i> , 2003, 490, 333-344.	3.4	5
16	Saturation of equatorial inertial instability. <i>Journal of Fluid Mechanics</i> , 2015, 767, 562-594.	3.4	4
17	Evolution of near-inertial waves. <i>Journal of Fluid Mechanics</i> , 1995, 301, 269-294.	3.4	3
18	Green's functions for Rossby waves. <i>Journal of Fluid Mechanics</i> , 2017, 830, 387-407.	3.4	2

#	ARTICLE	IF	CITATIONS
19	Rossby wave energy: a local Eulerian isotropic invariant. Journal of Fluid Mechanics, 2021, 913, .	3.4	0