David G Dritschel

List of Publications by Citations

153 papers	4,412 citations	38 h-index	62 g-index
160 ext. papers	4,671 ext. citations	3 avg, IF	5.84 L-index

#	Paper	IF	Citations
153	Contour dynamics and contour surgery: Numerical algorithms for extended, high-resolution modelling of vortex dynamics in two-dimensional, inviscid, incompressible flows. *Computer Physics Reports*, **1989**, 10, 77-146		246
152	Multiple Jets as PV Staircases: The Phillips Effect and the Resilience of Eddy-Transport Barriers. *Journals of the Atmospheric Sciences*, **2008**, 65, 855-874	2.1	231
151	Contour surgery: A topological reconnection scheme for extended integrations using contour dynamics. *Journal of Computational Physics*, **1988**, 77, 240-266	4.1	209
150	The stability and energetics of corotating uniform vortices. *Journal of Fluid Mechanics*, **1985**, 157, 95-134	3.7	162
149	Quantification of the inelastic interaction of unequal vortices in two-dimensional vortex dynamics. *Physics of Fluids A, Fluid Dynamics*, **1992**, 4, 1737-1744		155
148	A general theory for two-dimensional vortex interactions. *Journal of Fluid Mechanics*, **1995**, 293, 269-303	3.7	131
147	The nonlinear evolution of rotating configurations of uniform vorticity. *Journal of Fluid Mechanics*, **1986**, 172, 157	3.7	126
146	A contour-advective semi-lagrangian numerical algorithm for simulating fine-scale conservative dynamical fields. *Quarterly Journal of the Royal Meteorological Society*, **1997**, 123, 1097-1130	6.4	124
145	Vortex stripping and the erosion of coherent structures in two-dimensional flows. *Physics of Fluids*, **1994**, 6, 3954-3962	4.4	108
144	The stability of a two-dimensional vorticity filament under uniform strain. *Journal of Fluid Mechanics*, **1991**, 230, 647-665	3.7	94
143	Wave and vortex dynamics on the surface of a sphere. *Journal of Fluid Mechanics*, **1993**, 255, 35	3.7	90
142	The repeated filamentation of two-dimensional vorticity interfaces. *Journal of Fluid Mechanics*, **1988**, 194, 511	3.7	76
141	Nonlinear stability bounds for inviscid, two-dimensional, parallel or circular flows with monotonic vorticity, and the analogous three-dimensional quasi-geostrophic flows. *Journal of Fluid Mechanics*, **1988**, 191, 575	3.7	76
140	The instability and breakdown of tall columnar vortices in a quasi-geostrophic fluid. *Journal of Fluid Mechanics*, **1996**, 328, 129-160	3.7	73
139	On the stabilization of a two-dimensional vortex strip by adverse shear. *Journal of Fluid Mechanics*, **1989**, 206, 193-221	3.7	69
138	The stability of elliptical vortices in an external straining flow. *Journal of Fluid Mechanics*, **1990**, 210, 223-261	3.7	69
137	Vortex properties of two-dimensional turbulence. *Physics of Fluids A, Fluid Dynamics*, **1993**, 5, 984-997		68

136	Vortex stripping and the generation of high vorticity gradients in two-dimensional flows. *Flow, Turbulence and Combustion*, **1993**, 51, 445-455		65
135	A balanced approach to modelling rotating stably stratified geophysical flows. *Journal of Fluid Mechanics*, **2003**, 488, 123-150	3.7	61
134	Vertical velocity in mesoscale geophysical flows. *Journal of Fluid Mechanics*, **2003**, 483, 199-223	3.7	61
133	The shape of vortices in quasi-geostrophic turbulence. *Journal of Fluid Mechanics*, **2003**, 474, 175-192	3.7	60
132	Three-dimensional quasi-geostrophic contour dynamics, with an application to stratospheric vortex dynamics. *Quarterly Journal of the Royal Meteorological Society*, **1994**, 120, 1267-1297	6.4	54
131	Hierarchies of Balance Conditions for thef-Plane Shallow-Water Equations. *Journals of the Atmospheric Sciences*, **2001**, 58, 2411-2426	2.1	53
130	On the persistence of non-axisymmetric vortices in inviscid two-dimensional flows. *Journal of Fluid Mechanics*, **1998**, 371, 141-155	3.7	53
129	The Contour-Advective Semi-Lagrangian Algorithm for the Shallow Water Equations. *Monthly Weather Review*, **1999**, 127, 1551-1565	2.4	50
128	The merger of vertically offset quasi-geostrophic vortices. *Journal of Fluid Mechanics*, **2002**, 469, 287-315	3.7	49
127	The structure of zonal jets in geostrophic turbulence. *Journal of Fluid Mechanics*, **2012**, 711, 576-598	3.7	47
126	A Numerical Investigation of the Stability of Isolated Shallow Water Vortices. *Journal of Physical Oceanography*, **2000**, 30, 2562-2573	2.4	45
125	The three-dimensional vortical nature of atmospheric and oceanic turbulent flows. *Physics of Fluids*, **1999**, 11, 1512-1520	4.4	45
124	A Comparison of the Contour Surgery and Pseudo-spectral Methods. *Journal of Computational Physics*, **1993**, 104, 287-302	4.1	45
123	Unifying scaling theory for vortex dynamics in two-dimensional turbulence. *Physical Review Letters*, **2008**, 101, 094501	7.4	43
122	Generalized helical Beltrami flows in hydrodynamics and magnetohydrodynamics. *Journal of Fluid Mechanics*, **1991**, 222, 525	3.7	41
121	Optimal potential vorticity balance of geophysical flows. *Journal of Fluid Mechanics*, **2004**, 521, 343-352	3.7	40
120	Vortex merger in rotating stratified flows. *Journal of Fluid Mechanics*, **2002**, 455, 83-101	3.7	40
119	Modeling Oceanic and Atmospheric Vortices. *Physics Today*, **1993**, 46, 44-51	0.9	40

118	Spontaneous generation of inertia-gravity wave packets by balanced geophysical flows. *Journal of Fluid Mechanics*, **2006**, 553, 107	3.7	39
117	The elliptical model of two-dimensional vortex dynamics. I: The basic state. *Physics of Fluids A, Fluid Dynamics*, **1991**, 3, 845-854		39
116	The critical merger distance between two co-rotating quasi-geostrophic vortices. *Journal of Fluid Mechanics*, **2005**, 522, 357-381	3.7	38
115	The roll-up of vorticity strips on the surface of a sphere. *Journal of Fluid Mechanics*, **1992**, 234, 47	3.7	38
114	The dynamics of long frontal waves in the shallow-water equations. *Physics of Fluids A, Fluid Dynamics*, **1993**, 5, 1089-1091		37
113	High gradient phenomena in two-dimensional vortex interactions. *Physics of Fluids*, **1995**, 7, 539-548	4.4	36
112	Vanishing enstrophy dissipation in two-dimensional Navier-Stokes turbulence in the inviscid limit. *Journal of Fluid Mechanics*, **2006**, 559, 107	3.7	35
111	On the nature of vortex interactions and models in unforced nearly-inviscid two-dimensional turbulence. *Physics of Fluids*, **1996**, 8, 1252-1256	4.4	35
110	The stability of filamentary vorticity in two-dimensional geophysical vortex-dynamics models. *Journal of Fluid Mechanics*, **1991**, 231, 575-598	3.7	35
109	The quasi-geostrophic ellipsoidal vortex model. *Journal of Fluid Mechanics*, **2004**, 505, 201-223	3.7	34
108	The combined Lagrangian advection method. *Journal of Computational Physics*, **2010**, 229, 5408-5417	4.1	31
107	Revisiting Batchelor's theory of two-dimensional turbulence. *Journal of Fluid Mechanics*, **2007**, 591, 379-391	3.7	31
106	A high-resolution, three-dimensional model of Jupiter's Great Red Spot. *Journal of Geophysical Research*, **2001**, 106, 5099-5105		28
105	Contour dynamics/surgery on the sphere. *Journal of Computational Physics*, **1988**, 79, 477-483	4.1	28
104	A fast contour dynamics method for many-vortex calculations in two-dimensional flows. *Physics of Fluids A, Fluid Dynamics*, **1993**, 5, 173-186		27
103	The HyperCASL algorithm: A new approach to the numerical simulation of geophysical flows. *Journal of Computational Physics*, **2009**, 228, 6411-6425	4.1	26
102	Instability of a shallow-water potential-vorticity front. *Journal of Fluid Mechanics*, **2006**, 561, 237	3.7	26
101	Enhancement of Rossby Wave Breaking by Steep Potential Vorticity Gradients in the Winter Stratosphere. *Journals of the Atmospheric Sciences*, **2004**, 61, 904-918	2.1	26

100	Numerical simulation of a self-similar cascade of filament instabilities in the surface quasigeostrophic system. *Physical Review Letters*, **2014**, 112, 144505	7.4	25
99	The Dependence of Rossby Wave Breaking on the Vertical Structure of the Polar Vortex. *Journals of the Atmospheric Sciences*, **1999**, 56, 2359-2375	2.1	25
98	An exact steadily rotating surface quasi-geostrophic elliptical vortex. *Geophysical and Astrophysical Fluid Dynamics*, **2011**, 105, 368-376	1.4	24
97	Jet sharpening by turbulent mixing. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2011**, 369, 754-70	3	24
96	Strong interactions between two corotating quasi-geostrophic vortices. *Journal of Fluid Mechanics*, **2007**, 592, 117-133	3.7	24
95	The elliptical model of two-dimensional vortex dynamics. II: Disturbance equations. *Physics of Fluids A, Fluid Dynamics*, **1991**, 3, 855-869		24
94	On the simulation of nearly inviscid two-dimensional turbulence. *Journal of Computational Physics*, **2009**, 228, 2707-2711	4.1	23
93	Balance in non-hydrostatic rotating stratified turbulence. *Journal of Fluid Mechanics*, **2008**, 596, 201-219	3.7	23
92	Contour-advective semi-Lagrangian algorithms for many-layer primitive-equation models. *Quarterly Journal of the Royal Meteorological Society*, **2004**, 130, 347-364	6.4	23
91	The motion of a fluid ellipsoid in a general linear background flow. *Journal of Fluid Mechanics*, **2003**, 474, 147-173	3.7	23
90	Does contour dynamics go singular?. *Physics of Fluids A, Fluid Dynamics*, **1990**, 2, 748-753		23
89	Potential Vorticity and the Quasigeostrophic and Semigeostrophic MesoscaleVertical Velocity. *Journal of Physical Oceanography*, **2004**, 34, 865-887	2.4	20
88	Numerical simulation of shear-induced instabilities in internal solitary waves. *Journal of Fluid Mechanics*, **2011**, 683, 263-288	3.7	19
87	Interaction between two quasi-geostrophic vortices of unequal potential vorticity. *Journal of Fluid Mechanics*, **2008**, 597, 395-414	3.7	18
86	Revisiting the Rossby–Haurwitz wave test case with contour advection. *Journal of Computational Physics*, **2006**, 217, 473-484	4.1	17
85	Assessing the Numerical Accuracy of Complex Spherical Shallow-Water Flows. *Monthly Weather Review*, **2007**, 135, 3876-3894	2.4	17
84	Vortex Dipole Formation by Baroclinic Instability of Boundary Currents. *Journal of Physical Oceanography*, **2007**, 37, 1661-1677	2.4	17
83	The CASL algorithm for quasi-geostrophic flow in a cylinder. *Journal of Computational Physics*, **2003**, 188, 232-251	4.1	17

82	Quasi-geostrophic shallow-water vortex patch equilibria and their stability. *Geophysical and Astrophysical Fluid Dynamics*, **2012**, 106, 574-595	1.4	16
81	Effective degrees of nonlinearity in a family of generalized models of two-dimensional turbulence. *Physical Review E*, **2010**, 81, 016301	2.4	16
80	The stability of quasi-geostrophic ellipsoidal vortices. *Journal of Fluid Mechanics*, **2005**, 536, 401-421	3.7	16
79	The steady-state form of large-amplitude internal solitary waves. *Journal of Fluid Mechanics*, **2011**, 666, 477-505	3.7	15
78	Quasi-geostrophic shallow-water doubly-connected vortex equilibria and their stability. *Journal of Fluid Mechanics*, **2013**, 723, 40-68	3.7	13
77	Vortical control of forced two-dimensional turbulence. *Physics of Fluids*, **2013**, 25, 015101	4.4	12
76	Instability in internal solitary waves with trapped cores. *Physics of Fluids*, **2012**, 24, 016601	4.4	12
75	Two-dimensional magnetohydrodynamic turbulence in the small magnetic Prandtl number limit. *Journal of Fluid Mechanics*, **2012**, 703, 85-98	3.7	12
74	A family of helically symmetric vortex equilibria. *Journal of Fluid Mechanics*, **2009**, 634, 245	3.7	12
73	Late time evolution of unforced inviscid two-dimensional turbulence. *Journal of Fluid Mechanics*, **2009**, 640, 215-233	3.7	12
72	The persistence of balance in geophysical flows. *Journal of Fluid Mechanics*, **2007**, 570, 365-383	3.7	12
71	The stability of a quasi-geostrophic ellipsoidal vortex in a background shear flow. *Journal of Fluid Mechanics*, **2006**, 560, 1	3.7	12
70	The Diabatic Contour Advective Semi-Lagrangian Model. *Monthly Weather Review*, **2006**, 134, 2503-2514	2.4	12
69	Vortex–Vortex Interactions in the Winter Stratosphere. *Journals of the Atmospheric Sciences*, **2006**, 63, 726-740	2.1	12
68	The stability and nonlinear evolution of quasi-geostrophic toroidal vortices. *Journal of Fluid Mechanics*, **2019**, 863, 60-78	3.7	11
67	Destructive interactions between two counter-rotating quasi-geostrophic vortices. *Journal of Fluid Mechanics*, **2009**, 639, 195-211	3.7	11
66	The deflection angle between a wind-forced surface current and the overlying wind in an ocean with vertically varying eddy viscosity. *Physics of Fluids*, **2020**, 32, 116604	4.4	11
65	Quasigeostrophic and stratified turbulence in the atmosphere. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 117-130	0.3	10

64	The Diabatic Contour-Advective Semi-Lagrangian Algorithms for the Spherical Shallow Water Equations. *Monthly Weather Review*, **2009**, 137, 2979-2994	2.4	10
63	Quasi-geostrophic vortices in compressible atmospheres. *Journal of Fluid Mechanics*, **2005**, 530, 305-325	3.7	10
62	An explicit potential-vorticity-conserving approach to modelling nonlinear internal gravity waves. *Journal of Fluid Mechanics*, **2002**, 458, 75-101	3.7	10
61	Homostrophic vortex interaction under external strain, in a coupled QG-SQG model. *Regular and Chaotic Dynamics*, **2010**, 15, 66-83	1.6	9
60	Impeded inverse energy transfer in the Charney–Hasegawa–Mima model of quasi-geostrophic flows. *Journal of Fluid Mechanics*, **2006**, 551, 435	3.7	9
59	The role of boundary conditions in the simulation of rotating, stratified turbulence. *Geophysical and Astrophysical Fluid Dynamics*, **2000**, 92, 233-253	1.4	9
58	Destabilization of barotropic flows small-scale topography. *Journal of Fluid Mechanics*, **2004**, 517, 359-374	3.7	8
57	Mixing in two-dimensional vortex interactions. *Physics of Fluids*, **2000**, 12, 3285-3288	4.4	8
56	Imperfect Bifurcation for the Quasi-Geostrophic Shallow-Water Equations. *Archive for Rational Mechanics and Analysis*, **2019**, 231, 1853-1915	2.3	8
55	Energy dissipation and resolution of steep gradients in one-dimensional Burgers flows. *Physics of Fluids*, **2010**, 22, 037102	4.4	7
54	Large-scale dynamics in two-dimensional Euler and surface quasigeostrophic flows. *Physics of Fluids* , **2006**, 18, 121703	4.4	7
53	Introduction to Contour Dynamics for the Euler Equations in Two Dimensions. *Journal of Computational Physics*, **1997**, 135, 217-219	4.1	6
52	Generation of harmonics and sub-harmonics from an internal tide in a uniformly stratified fluid: numerical and laboratory experiments. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 51-62	0.3	6
51	Modeling Subsurface Hydrology in Floodplains. *Water Resources Research*, **2018**, 54, 1428-1459	5.4	5
50	The effect of slip length on vortex rebound from a rigid boundary. *Physics of Fluids*, **2013**, 25, 093104	4.4	5
49	Halting scale and energy equilibration in two-dimensional quasigeostrophic turbulence. *Journal of Fluid Mechanics*, **2013**, 721,	3.7	5
48	Revisiting Vacillations in Shallow-Water Models of the Stratosphere Using Potential-Vorticity-Based Numerical Algorithms. *Journals of the Atmospheric Sciences*, **2011**, 68, 1007-1022	2.1	5
47	Bending and twisting instabilities of columnar elliptical vortices in a rotating strongly stratified fluid. *Journal of Fluid Mechanics*, **2006**, 561, 73	3.7	5

46	Dynamic Potential Vorticity Initialization and the Diagnosis of Mesoscale Motion. *Journal of Physical Oceanography*, **2004**, 34, 2761-2773	2.4	5
45	N-symmetric interaction of N hetons. I. Analysis of the case N = 2. *Physics of Fluids*, **2020**, 32, 096601	4.4	5
44	On spontaneous imbalance and ocean turbulence: generalizations of the Paparella–Young epsilon theorem. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 3-15	0.3	4
43	Scale-invariant singularity of the surface quasigeostrophic patch. *Journal of Fluid Mechanics*, **2019**, 863,	3.7	3
42	Comparison of the Moist Parcel-in-Cell (MPIC) model with large-eddy simulation for an idealized cloud. *Quarterly Journal of the Royal Meteorological Society*, **2019**, 145, 1865-1881	6.4	3
41	A Perspective on Submesoscale Geophysical Turbulence. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 131-141	0.3	3
40	The structure of zonal jets in shallow water turbulence on the sphere. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 243-252	0.3	3
39	Geostrophic vortex alignment in external shear or strain. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 217-228	0.3	3
38	A new, but flawed, numerical method for vortex patch evolution in two dimensions. *Journal of Computational Physics*, **1991**, 93, 481-484	4.1	3
37	Downward Wave Propagation on the Polar Vortex. *Journals of the Atmospheric Sciences*, **2005**, 62, 3382-3395	3.0	3
36	The solar tachocline: a study in stably stratified MHD turbulence. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 169-179	0.3	3
35	Some Unusual Properties of Turbulent Convection and Dynamos in Rotating Spherical Shells. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 181-194	0.3	3
34	Parallels between stratification and rotation in hydrodynamics, and between both of them and external magnetic field in magnetohydrodynamics, with applications to nonlinear waves. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 27-37	0.3	3
33	On the regularity of the Green–Naghdi equations for a rotating shallow fluid layer. *Journal of Fluid Mechanics*, **2019**, 865, 100-136	3.7	3
32	Long frontal waves and dynamic scaling in freely evolving equivalent barotropic flow. *Journal of Fluid Mechanics*, **2019**, 866,	3.7	2
31	The moist parcel-in-cell method for modelling moist convection. *Quarterly Journal of the Royal Meteorological Society*, **2018**, 144, 1695-1718	6.4	2
30	Simply-connected vortex-patch shallow-water quasi-equilibria. *Journal of Fluid Mechanics*, **2014**, 743, 481-502	3.7	2
29	Equilibria and stability of four point vortices on a sphere. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences*, **2020**, 476, 20200344	2.4	2

28	Equilibrium States of Quasi-geostrophic Point Vortices. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 229-239	0.3	2
27	Inertia-gravity-wave generation: a geometric-optics approach. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 17-26	0.3	2
26	Deep ocean mixing by near-inertial waves. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 63-73	0.3	2
25	The validity of two-dimensional models of a rotating shallow fluid layer. *Journal of Fluid Mechanics*, **2020**, 900,	3.7	2
24	Circulation conservation and vortex breakup in magnetohydrodynamics at low magnetic Prandtl number. *Journal of Fluid Mechanics*, **2018**, 857, 38-60	3.7	2
23	The interaction of two asymmetric quasi-geostrophic vortex patches. *Geophysical and Astrophysical Fluid Dynamics*, **2018**, 112, 375-401	1.4	2
22	Velocity–pressure correlation in Navier–Stokes flows and the problem of global regularity. *Journal of Fluid Mechanics*, **2021**, 911,	3.7	2
21	Fermion self-trapping in the optical geometry of Einstein-Dirac solitons. *Physical Review D*, **2020**, 101,	4.9	1
20	Stability and evolution of two opposite-signed quasi-geostrophic shallow-water vortex patches. *Geophysical and Astrophysical Fluid Dynamics*, **2020**, 114, 561-587	1.4	1
19	Waves and Turbulence: Their Cooperative Role in Structure Formation. *Procedia IUTAM*, **2013**, 8, 85-93		1
18	Modeling mixing in two-dimensional turbulence and stratified fluids. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 155-167	0.3	1
17	Vortex self-similarity and the evolution of unforced inviscid two-dimensional turbulence. *Springer Proceedings in Physics*, **2009**, 461-464	0.2	1
16	Zigzag instability of the Kármán vortex street in stratified and rotating fluids. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 197-206	0.3	1
15	Jet formation in decaying two-dimensional turbulence on a rotating sphere. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 253-263	0.3	1
14	On the regularity of the Green–Naghdi equations : CORRIGENDUM. *Journal of Fluid Mechanics*, **2020**, 900,	3.7	1
13	Balance in non-hydrostatic rotating shallow-water flows. *Physics of Fluids*, **2021**, 33, 086601	4.4	1
12	Self-similar collapse of three vortices in the generalised Euler and quasi-geostrophic equations. *Physica D: Nonlinear Phenomena*, **2022**, 434, 133226	3.3	1
11	Instabilities of a columnar vortex in a stratified fluid. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 207-215	0.3	0

10	Point mass dynamics on spherical hypersurfaces. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2019**, 377, 20180349	3	0
9	Flow–topography interactions in shallow-water turbulence. *Geophysical and Astrophysical Fluid Dynamics*, **2012**, 106, 45-66	1.4	
8	Shallow-water vortex equilibria and their stability. *Journal of Physics: Conference Series*, **2011**, 318, 062019	0.3	
7	Generation of an internal tide by surface tide/eddy resonant interactions. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 39-50	0.3	
6	Eddies and Circulation: Lessons from Oceans and the GFD Lab. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 77-94	0.3	
5	Spectra and Distribution Functions of Stably Stratified Turbulence. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 143-154	0.3	
4	Observations on Rapidly Rotating Turbulence. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 95-104	0.3	
3	Triple cascade behaviour in QG and drift turbulence and generation of zonal jets. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 265-288	0.3	
2	The HyperCASL algorithm. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 289-298	0.3	
1	Equilibration of Inertial Instability in Rotating Flow. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2010**, 105-115	0.3	