

# Sigurdur T Thoroddsen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155  
papers

5,468  
citations

40  
h-index

68  
g-index

193  
ext. papers

6,267  
ext. citations

5.1  
avg, IF

6  
L-index

#	Paper	IF	Citations
155	On the formation of hydrogen peroxide in water microdroplets.. <i>Chemical Science</i> , <b>2022</b> , 13, 2574-2583	9.4	10
154	Coalescence time of water-in-oil emulsions under shear. <i>Chemical Engineering Science</i> , <b>2022</b> , 250, 117257	4.4	0
153	Bubble eruptions in a multilayer Hele-Shaw flow.. <i>Physical Review E</i> , <b>2022</b> , 105, 045101	2.4	
152	Cavitation upon low-speed solid-liquid impact.. <i>Nature Communications</i> , <b>2021</b> , 12, 7250	17.4	0
151	Effects of interface mobility on the dynamics of colliding bubbles. <i>Current Opinion in Colloid and Interface Science</i> , <b>2021</b> , 101540	7.6	0
150	A new image-based microfluidic method to test demulsifier enhancement of coalescence-rate, for water droplets in crude oil. <i>Journal of Petroleum Science and Engineering</i> , <b>2021</b> , 109720	4.4	0
149	RainbowPIV with improved depth resolution design and comparative study with TomoPIV. <i>Measurement Science and Technology</i> , <b>2021</b> , 32, 025401	2	2
148	When superhydrophobicity can be a drag: Ventilated cavitation and splashing effects in hydrofoil and speed-boat models tests. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 628, 127344	5.1	1
147	High-Speed Time-Resolved Tomographic Particle Shadow Velocimetry Using Smartphones. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 7094	2.6	1
146	To Split or Not to Split: Dynamics of an Air Disk Formed under a Drop Impacting on a Pool. <i>Physical Review Letters</i> , <b>2020</b> , 124, 184501	7.4	9
145	Free-Rising Bubbles Bounce More Strongly from Mobile than from Immobile Water-Air Interfaces. <i>Langmuir</i> , <b>2020</b> , 36, 5908-5918	4	7
144	Droplet impacts onto soft solids entrap more air. <i>Soft Matter</i> , <b>2020</b> , 16, 5702-5710	3.6	10
143	Superhydrophobicity and size reduction enabled Halobates (Insecta: Heteroptera, Gerridae) to colonize the open ocean. <i>Scientific Reports</i> , <b>2020</b> , 10, 7785	4.9	13
142	Jetting from an impacting drop containing a particle. <i>Physics of Fluids</i> , <b>2020</b> , 32, 011704	4.4	10
141	Jet breakup in superfluid and normal liquid He4. <i>Physical Review Fluids</i> , <b>2020</b> , 5,	2.8	5
140	Impact and lifecycle of superfluid helium drops on a solid surface. <i>Physical Review Fluids</i> , <b>2020</b> , 5,	2.8	1
139	The alignment of vortical structures in turbulent flow through a contraction. <i>Journal of Fluid Mechanics</i> , <b>2020</b> , 884,	3.7	2

138	Fine radial jetting during the impact of compound drops. <i>Journal of Fluid Mechanics</i> , <b>2020</b> , 883,	3.7	9
137	Multitude of dimple shapes can produce singular jets during the collapse of immiscible drop-impact craters. <i>Journal of Fluid Mechanics</i> , <b>2020</b> , 904,	3.7	7
136	Spreading of Normal Liquid Helium Drops. <i>Physical Review E</i> , <b>2020</b> , 102, 043105	2.4	
135	How drain flies manage to almost never get washed away. <i>Scientific Reports</i> , <b>2020</b> , 10, 17829	4.9	1
134	A droplet reactor on a super-hydrophobic surface allows control and characterization of amyloid fibril growth. <i>Communications Biology</i> , <b>2020</b> , 3, 457	6.7	6
133	Partial coalescence of a drop on a larger-viscosity pool. <i>Physics of Fluids</i> , <b>2020</b> , 32, 122115	4.4	5
132	Gliding on a layer of air: impact of a large-viscosity drop on a liquid film. <i>Journal of Fluid Mechanics</i> , <b>2019</b> , 878,	3.7	17
131	Effect of specific cathode surface area on biofouling in an anaerobic electrochemical membrane bioreactor: Novel insights using high-speed video camera. <i>Journal of Membrane Science</i> , <b>2019</b> , 577, 176-183	8.6	13
130	Stable-streamlined cavities following the impact of non-superhydrophobic spheres on water. <i>Soft Matter</i> , <b>2019</b> , 15, 6278-6287	3.6	11
129	Mobile-surface bubbles and droplets coalesce faster but bounce stronger. <i>Science Advances</i> , <b>2019</b> , 5, eaaw4292	14.3	18
128	Ultra-high speed visualization of a flash-boiling jet in a low-pressure environment. <i>International Journal of Multiphase Flow</i> , <b>2019</b> , 110, 238-255	3.6	17
127	Giant drag reduction on Leidenfrost spheres evaluated from extended free-fall trajectories. <i>Experimental Thermal and Fluid Science</i> , <b>2019</b> , 102, 181-188	3	9
126	Single-camera 3D PTV using particle intensities and structured light. <i>Experiments in Fluids</i> , <b>2019</b> , 60, 1	2.5	18
125	Experiments on the breakup of drop-impact crowns by Marangoni holes. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 844, 162-186	3.7	15
124	Drag crisis moderation by thin air layers sustained on superhydrophobic spheres falling in water. <i>Soft Matter</i> , <b>2018</b> , 14, 1608-1613	3.6	22
123	Coalescence Dynamics of Mobile and Immobile Fluid Interfaces. <i>Langmuir</i> , <b>2018</b> , 34, 2096-2108	4	29
122	High-Speed Interferometry Under Impacting Drops <b>2018</b> , 321-341		1
121	The air entrapment under a drop impacting on a nano-rough surface. <i>Soft Matter</i> , <b>2018</b> , 14, 7586-7596	3.6	20

120	Phase Transition Control for High-Performance Blade-Coated Perovskite Solar Cells. <i>Joule</i> , <b>2018</b> , 2, 1313-1330	12.5	12.5
119	Early azimuthal instability during drop impact. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 848, 821-835	3.7	12
118	Singular jets during the collapse of drop-impact craters. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 848,	3.7	15
117	Evolution of toroidal free-rim perturbations on an expanding circular liquid sheet. <i>Experiments in Fluids</i> , <b>2018</b> , 59, 1	2.5	3
116	Impact of ultra-viscous drops: air-film gliding and extreme wetting. <i>Journal of Fluid Mechanics</i> , <b>2017</b> , 813, 647-666	3.7	22
115	Evaporative Lithography in Open Microfluidic Channel Networks. <i>Langmuir</i> , <b>2017</b> , 33, 2861-2871	4	12
114	Vortex-induced vapor explosion during drop impact on a superheated pool. <i>Experimental Thermal and Fluid Science</i> , <b>2017</b> , 87, 60-68	3	5
113	Self-determined shapes and velocities of giant near-zero drag gas cavities. <i>Science Advances</i> , <b>2017</b> , 3, e1701558	14.3	37
112	Tomographic Particle Image Velocimetry using Smartphones and Colored Shadows. <i>Scientific Reports</i> , <b>2017</b> , 7, 3714	4.9	21
111	Navier slip model of drag reduction by Leidenfrost vapor layers. <i>Physics of Fluids</i> , <b>2017</b> , 29, 107104	4.4	14
110	Double Contact During Drop Impact on a Solid Under Reduced Air Pressure. <i>Physical Review Letters</i> , <b>2017</b> , 119, 214502	7.4	28
109	Stable streamlined and helical cavities following the impact of Leidenfrost spheres. <i>Journal of Fluid Mechanics</i> , <b>2017</b> , 823, 716-754	3.7	26
108	Vortex-induced buckling of a viscous drop impacting a pool. <i>Physical Review Fluids</i> , <b>2017</b> , 2,	2.8	8
107	Rainbow particle imaging velocimetry for dense 3D fluid velocity imaging. <i>ACM Transactions on Graphics</i> , <b>2017</b> , 36, 1-14	7.6	33
106	Formation of microbeads during vapor explosions of Field's metal in water. <i>Physical Review E</i> , <b>2016</b> , 93, 063108	2.4	14
105	Vortex-ring-induced large bubble entrainment during drop impact. <i>Physical Review E</i> , <b>2016</b> , 93, 033128	2.4	47
104	Droplet generation in cross-flow for cost-effective 3D-printed "plug-and-play" microfluidic devices. <i>RSC Advances</i> , <b>2016</b> , 6, 81120-81129	3.7	35
103	Penetration in bimodal, polydisperse granular material. <i>Physical Review E</i> , <b>2016</b> , 94, 052902	2.4	2

102	Stability of an unsupported multi-layer surfactant laden liquid curtain under gravity. <i>Journal of Engineering Mathematics</i> , <b>2016</b> , 99, 119-136	1.2	
101	Acoustic separation of oil droplets, colloidal particles and their mixtures in a microfluidic cell. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2016</b> , 506, 138-147	5.1	7
100	A simple and low-cost fully 3D-printed non-planar emulsion generator. <i>RSC Advances</i> , <b>2016</b> , 6, 2793-2799	3.7	35
99	High-capacity conductive polymer microfibers as fast response wearable heaters and electromechanical actuators. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 1238-1249	7.1	80
98	Magnetically Triggered Monodispersed Nanocomposite Fabricated by Microfluidic Approach for Drug Delivery. <i>International Journal of Polymer Science</i> , <b>2016</b> , 2016, 1-8	2.4	3
97	Vertical Phase Separation in Small Molecule:Polymer Blend Organic Thin Film Transistors Can Be Dynamically Controlled. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1737-1746	15.6	85
96	Highly Efficient Thermoresponsive Nanocomposite for Controlled Release Applications. <i>Scientific Reports</i> , <b>2016</b> , 6, 28539	4.9	32
95	A "twisted" microfluidic mixer suitable for a wide range of flow rate applications. <i>Biomicrofluidics</i> , <b>2016</b> , 10, 034120	3.2	33
94	Crown sealing and buckling instability during water entry of spheres. <i>Journal of Fluid Mechanics</i> , <b>2016</b> , 794, 506-529	3.7	64
93	Cavitation structures formed during the collision of a sphere with an ultra-viscous wetted surface. <i>Journal of Fluid Mechanics</i> , <b>2016</b> , 796, 473-515	3.7	4
92	The effect of ambient pressure on ejecta sheets from free-surface ablation. <i>Experiments in Fluids</i> , <b>2016</b> , 57, 1	2.5	3
91	Leidenfrost Vapor Layers Reduce Drag without the Crisis in High Viscosity Liquids. <i>Physical Review Letters</i> , <b>2016</b> , 117, 114503	7.4	29
90	Unraveling the Order and Disorder in Poly(3,4-ethylenedioxythiophene)/Poly(styrenesulfonate) Nanofilms. <i>Macromolecules</i> , <b>2015</b> , 48, 5688-5696	5.5	40
89	Drag Moderation by the Melting of an Ice Surface in Contact with Water. <i>Physical Review Letters</i> , <b>2015</b> , 115, 044501	7.4	12
88	Laser-induced micro-jetting from armored droplets. <i>Experiments in Fluids</i> , <b>2015</b> , 56, 1	2.5	6
87	Drop impact into a deep pool: vortex shedding and jet formation. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 764,	3.7	52
86	Antibubbles and fine cylindrical sheets of air. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 779, 87-115	3.7	19
85	Time-resolved imaging of a compressible air disc under a drop impacting on a solid surface. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 780, 636-648	3.7	61

84	Partial coalescence from bubbles to drops. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 782, 209-239	3.7	24
83	Probing the nanoscale: the first contact of an impacting drop. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 785,	3.7	31
82	Solution-printed organic semiconductor blends exhibiting transport properties on par with single crystals. <i>Nature Communications</i> , <b>2015</b> , 6, 8598	17.4	188
81	Semi-metallic, strong and stretchable wet-spun conjugated polymer microfibers. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 2528-2538	7.1	100
80	One-dimensional self-confinement promotes polymorph selection in large-area organic semiconductor thin films. <i>Nature Communications</i> , <b>2014</b> , 5, 3573	17.4	116
79	Simple and inexpensive microfluidic devices for the generation of monodisperse multiple emulsions. <i>Journal of Micromechanics and Microengineering</i> , <b>2014</b> , 24, 015019	2	18
78	The onset of cavitation during the collision of a sphere with a wetted surface. <i>Experiments in Fluids</i> , <b>2014</b> , 55, 1	2.5	4
77	Leidenfrost vapour layer moderation of the drag crisis and trajectories of superhydrophobic and hydrophilic spheres falling in water. <i>Soft Matter</i> , <b>2014</b> , 10, 5662-8	3.6	54
76	Stabilization of thin liquid films by repulsive van der Waals force. <i>Langmuir</i> , <b>2014</b> , 30, 5162-9	4	23
75	Soft colloidal probes for AFM force measurements between water droplets in oil. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 462, 259-263	5.1	14
74	A co-flow-focusing monodisperse microbubble generator. <i>Journal of Micromechanics and Microengineering</i> , <b>2014</b> , 24, 035008	2	26
73	Water entry without surface seal: extended cavity formation. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 743, 295-326	3.7	58
72	Generation of ultra-sound during tape peeling. <i>Scientific Reports</i> , <b>2014</b> , 4, 4326	4.9	3
71	Latex particle template lift-up guided gold wire-networks via evaporation lithography. <i>RSC Advances</i> , <b>2014</b> , 4, 59118-59121	3.7	2
70	Multi-layer film flow down an inclined plane: experimental investigation. <i>Experiments in Fluids</i> , <b>2014</b> , 55, 1	2.5	4
69	Satellite formation during bubble transition through an interface between immiscible liquids. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 744,	3.7	25
68	Ejecta evolution during cone impact. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 752, 410-438	3.7	4
67	Leaping shampoo glides on a lubricating air layer. <i>Physical Review E</i> , <b>2013</b> , 87, 061001	2.4	5

66	Impact of granular drops. <i>Physical Review E</i> , <b>2013</b> , 88, 010201	2.4	14
65	Dynamic air layer on textured superhydrophobic surfaces. <i>Langmuir</i> , <b>2013</b> , 29, 11074-81	4	45
64	Asymmetric liquid wetting and spreading on surfaces with slanted micro-pillar arrays. <i>Soft Matter</i> , <b>2013</b> , 9, 11113	3.6	33
63	Drop impact entrapment of bubble rings. <i>Journal of Fluid Mechanics</i> , <b>2013</b> , 724, 234-258	3.7	68
62	Spin-cast bulk heterojunction solar cells: a dynamical investigation. <i>Advanced Materials</i> , <b>2013</b> , 25, 1923-924		154
61	Foam-film-stabilized liquid bridge networks in evaporative lithography and wet granular matter. <i>Langmuir</i> , <b>2013</b> , 29, 4966-73	4	16
60	The fastest drop climbing on a wet conical fibre. <i>Physics of Fluids</i> , <b>2013</b> , 25, 052105	4.4	15
59	Contraction of an air disk caught between two different liquids. <i>Physical Review E</i> , <b>2013</b> , 88, 061001	2.4	10
58	Scanning tomographic particle image velocimetry applied to a turbulent jet. <i>Physics of Fluids</i> , <b>2013</b> , 25, 025102	4.4	24
57	Development of a piezoelectric inkjet dopant delivery device for an atmospheric pressure photoionization source with liquid chromatography/mass spectrometry. <i>European Journal of Mass Spectrometry</i> , <b>2013</b> , 19, 325-34	1.1	1
56	Micro-splashing by drop impacts. <i>Journal of Fluid Mechanics</i> , <b>2012</b> , 706, 560-570	3.7	53
55	Evolution of fluid-like granular ejecta generated by sphere impact. <i>Journal of Fluid Mechanics</i> , <b>2012</b> , 704, 5-36	3.7	32
54	Propagation of capillary waves and ejection of small droplets in rapid droplet spreading. <i>Journal of Fluid Mechanics</i> , <b>2012</b> , 697, 92-114	3.7	47
53	Stabilization of Leidenfrost vapour layer by textured superhydrophobic surfaces. <i>Nature</i> , <b>2012</b> , 489, 274-7	5.4	385
52	von Kármán vortex street within an impacting drop. <i>Physical Review Letters</i> , <b>2012</b> , 108, 264506	7.4	105
51	Cavity formation by the impact of Leidenfrost spheres. <i>Journal of Fluid Mechanics</i> , <b>2012</b> , 699, 465-488	3.7	31
50	The making of a splash. <i>Journal of Fluid Mechanics</i> , <b>2012</b> , 690, 1-4	3.7	11
49	Squeeze flow of a Carreau fluid during sphere impact. <i>Physics of Fluids</i> , <b>2012</b> , 24, 073104	4.4	23

48	Sphere impact and penetration into wet sand. <i>Physical Review E</i> , <b>2012</b> , 86, 020301	2.4	26
47	Micro-bubble morphologies following drop impacts onto a pool surface. <i>Journal of Fluid Mechanics</i> , <b>2012</b> , 708, 469-479	3.7	62
46	Bubble entrapment during sphere impact onto quiescent liquid surfaces. <i>Journal of Fluid Mechanics</i> , <b>2011</b> , 680, 660-670	3.7	31
45	Cavitation structures formed during the rebound of a sphere from a wetted surface. <i>Experiments in Fluids</i> , <b>2011</b> , 50, 729-746	2.5	13
44	Drag reduction by Leidenfrost vapor layers. <i>Physical Review Letters</i> , <b>2011</b> , 106, 214501	7.4	138
43	Droplet splashing by a slingshot mechanism. <i>Physical Review Letters</i> , <b>2011</b> , 106, 034501	7.4	55
42	Laser-induced onset of electrospinning. <i>Physical Review E</i> , <b>2010</b> , 81, 035302	2.4	3
41	Bubble entrapment through topological change. <i>Physics of Fluids</i> , <b>2010</b> , 22, 051701	4.4	43
40	Stick-slip substructure in rapid tape peeling. <i>Physical Review E</i> , <b>2010</b> , 82, 046107	2.4	7
39	Direct verification of the lubrication force on a sphere travelling through a viscous film upon approach to a solid wall. <i>Journal of Fluid Mechanics</i> , <b>2010</b> , 655, 515-526	3.7	16
38	Satellite Formation during Coalescence of Unequal Size Drops. <i>Physical Review Letters</i> , <b>2009</b> , 102, 104502	7.4	55
37	DEWETTING AT THE CENTER OF A DROP IMPACT. <i>Modern Physics Letters B</i> , <b>2009</b> , 23, 361-364	1.6	8
36	Spray and microjets produced by focusing a laser pulse into a hemispherical drop. <i>Physics of Fluids</i> , <b>2009</b> , 21, 112101	4.4	57
35	Satellite generation during bubble coalescence. <i>Physics of Fluids</i> , <b>2008</b> , 20, 022104	4.4	38
34	Development of a drop-on-demand system for multiple material dispensing <b>2008</b> ,		4
33	Apex jets from impacting drops. <i>Journal of Fluid Mechanics</i> , <b>2008</b> , 614, 293-302	3.7	12
32	Microjetting from wave focusing on oscillating drops. <i>Physics of Fluids</i> , <b>2007</b> , 19, 052101	4.4	21
31	The initial coalescence of miscible drops. <i>Physics of Fluids</i> , <b>2007</b> , 19, 072110	4.4	53



30	Experiments on bubble pinch-off. <i>Physics of Fluids</i> , <b>2007</b> , 19, 042101	4.4	111
29	Crown breakup by Marangoni instability. <i>Journal of Fluid Mechanics</i> , <b>2006</b> , 557, 63	3.7	41
28	The air bubble entrapped under a drop impacting on a solid surface. <i>Journal of Fluid Mechanics</i> , <b>2005</b> , 545, 203	3.7	151
27	Puncturing a drop using surfactants. <i>Journal of Fluid Mechanics</i> , <b>2005</b> , 530, 295-304	3.7	8
26	The coalescence speed of a pendent and a sessile drop. <i>Journal of Fluid Mechanics</i> , <b>2005</b> , 527, 85-114	3.7	148
25	On the coalescence speed of bubbles. <i>Physics of Fluids</i> , <b>2005</b> , 17, 071703	4.4	40
24	Air-bubble entrapment due to a drop <b>2005</b> ,		4
23	Free-surface entrainment into a rimming flow containing surfactants. <i>Physics of Fluids</i> , <b>2004</b> , 16, L13-L16	4.4	12
22	Impact jetting by a solid sphere. <i>Journal of Fluid Mechanics</i> , <b>2004</b> , 499, 139-148	3.7	56
21	Air entrapment under an impacting drop. <i>Journal of Fluid Mechanics</i> , <b>2003</b> , 478, 125-134	3.7	136
20	The ejecta sheet generated by the impact of a drop. <i>Journal of Fluid Mechanics</i> , <b>2002</b> , 451, 373-381	3.7	124
19	Granular jets. <i>Physics of Fluids</i> , <b>2001</b> , 13, 4-6	4.4	102
18	The coalescence cascade of a drop. <i>Physics of Fluids</i> , <b>2000</b> , 12, 1265-1267	4.4	166
17	IS SEGREGATION-BY-PARTICLE-TYPE A GENERIC MECHANISM UNDERLYING FINGER FORMATION AT FRONTS OF FLOWING GRANULAR MEDIA?. <i>Particulate Science and Technology</i> , <b>1999</b> , 17, 141-147	2	2
16	Qualitative flow visualization using colored lights and reflective flakes. <i>Physics of Fluids</i> , <b>1999</b> , 11, 1702-1704	4.4	16
15	Experiments on homogeneous turbulence in an unstably stratified fluid. <i>Physics of Fluids</i> , <b>1998</b> , 10, 3155-3167	4.4	9
14	Evolution of the fingering pattern of an impacting drop. <i>Physics of Fluids</i> , <b>1998</b> , 10, 1359-1374	4.4	160
13	Marangoni instability of two liquids mixing at a free surface. <i>Physics of Fluids</i> , <b>1998</b> , 10, 3038-3040	4.4	14

12	Wave patterns in a thin layer of sand within a rotating horizontal cylinder. <i>Physics of Fluids</i> , <b>1998</b> , 10, 10-12	4.4	15
11	Experimental study of coating flows in a partially-filled horizontally Rotating cylinder. <i>Experiments in Fluids</i> , <b>1997</b> , 23, 1-13	2.5	121
10	Experiments on density-gradient anisotropies and scalar dissipation of turbulence in a stably stratified fluid. <i>Journal of Fluid Mechanics</i> , <b>1996</b> , 322, 383-409	3.7	18
9	Scaling of the fingering pattern of an impacting drop. <i>Physics of Fluids</i> , <b>1996</b> , 8, 1344-1346	4.4	77
8	Conditional sampling of dissipation in moderate Reynolds number grid turbulence. <i>Physics of Fluids</i> , <b>1996</b> , 8, 1333-1335	4.4	
7	Baroclinic generation of vorticity by an axisymmetric vortex in a linearly stratified fluid; in the passive limit. <i>Physics of Fluids</i> , <b>1996</b> , 8, 2774-2776	4.4	1
6	Reevaluation of the experimental support for the Kolmogorov refined similarity hypothesis. <i>Physics of Fluids</i> , <b>1995</b> , 7, 691-693	4.4	30
5	The effects of a vertical contraction on turbulence dynamics in a stably stratified fluid. <i>Journal of Fluid Mechanics</i> , <b>1995</b> , 285, 371	3.7	6
4	Stably stratified turbulence subjected to a constant area vertical expansion. <i>Physics of Fluids</i> , <b>1995</b> , 7, 1165-1167	4.4	2
3	Exponential tails and skewness of density-gradient probability density functions in stably stratified turbulence. <i>Journal of Fluid Mechanics</i> , <b>1992</b> , 244, 547	3.7	59
2	Experimental evidence supporting Kolmogorov's refined similarity hypothesis. <i>Physics of Fluids A, Fluid Dynamics</i> , <b>1992</b> , 4, 2592-2594		52
1	The deformation of a liquid film flowing down an inclined plane wall over a small particle arrested on the wall. <i>Physics of Fluids A, Fluid Dynamics</i> , <b>1991</b> , 3, 2546-2558		35