

P Henrik Alfredsson

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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.

180
papers

5,326
citations

40
h-index

68
g-index

185
ext. papers

5,935
ext. citations

2.6
avg, IF

5.84
L-index

#	Paper	IF	Citations
180	Disturbance growth in boundary layers subjected to free-stream turbulence. <i>Journal of Fluid Mechanics</i> , 2001 , 430, 149-168	3.7	298
179	Experiments in a boundary layer subjected to free stream turbulence. Part 1. Boundary layer structure and receptivity. <i>Journal of Fluid Mechanics</i> , 1994 , 281, 193-218	3.7	251
178	Measurements on a wind turbine wake: 3D effects and bluff body vortex shedding. <i>Wind Energy</i> , 2006 , 9, 219-236	3.4	232
177	Experiments on transition in plane Couette flow. <i>Journal of Fluid Mechanics</i> , 1992 , 235, 89	3.7	232
176	The fluctuating wall-shear stress and the velocity field in the viscous sublayer. <i>Physics of Fluids</i> , 1988 , 31, 1026		228
175	On the structure of turbulent channel flow. <i>Journal of Fluid Mechanics</i> , 1982 , 122, 295	3.7	208
174	Turbulent boundary layers up to $Re_{\tau} \approx 2500$ studied through simulation and experiment. <i>Physics of Fluids</i> , 2009 , 21, 051702	4.4	161
173	Fluid Mechanics of Papermaking. <i>Annual Review of Fluid Mechanics</i> , 2011 , 43, 195-217	22	147
172	An investigation of turbulent plane Couette flow at low Reynolds numbers. <i>Journal of Fluid Mechanics</i> , 1995 , 286, 291-325	3.7	145
171	Transition induced by free-stream turbulence. <i>Journal of Fluid Mechanics</i> , 2005 , 527, 1-25	3.7	135
170	Pressure statistics and their scaling in high-Reynolds-number turbulent boundary layers. <i>Journal of Fluid Mechanics</i> , 2007 , 585, 1-40	3.7	127
169	Effects of imperfect spatial resolution on measurements of wall-bounded turbulent shear flows. <i>Journal of Fluid Mechanics</i> , 1983 , 137, 409-421	3.7	116
168	Evolution and dynamics of shear-layer structures in near-wall turbulence. <i>Journal of Fluid Mechanics</i> , 1991 , 224, 579-599	3.7	115
167	Experiments in a boundary layer subjected to free stream turbulence. Part 2. The role of TS-waves in the transition process. <i>Journal of Fluid Mechanics</i> , 1994 , 281, 219-245	3.7	108
166	A new scaling for the streamwise turbulence intensity in wall-bounded turbulent flows and what it tells us about the buffer peak. <i>Physics of Fluids</i> , 2011 , 23, 041702	4.4	96
165	Velocity measurements of streamwise roll cells in rotating plane Couette flow. <i>Experiments in Fluids</i> , 2013 , 54, 1	2.5	91
164	Instabilities in channel flow with system rotation. <i>Journal of Fluid Mechanics</i> , 1989 , 202, 543-557	3.7	80

163	On the disturbance growth in an asymptotic suction boundary layer. <i>Journal of Fluid Mechanics</i> , 2003 , 482, 51-90	3.7	72
162	On near wall measurements of wall bounded flows—the necessity of an accurate determination of the wall position. <i>Progress in Aerospace Sciences</i> , 2010 , 46, 353-387	8.8	71
161	On the detection of turbulence-generating events. <i>Journal of Fluid Mechanics</i> , 1984 , 139, 325-345	3.7	68
160	Curvature- and rotation-induced instabilities in channel flow. <i>Journal of Fluid Mechanics</i> , 1990 , 210, 537-563	3.7	65
159	The upstream flow of a wind turbine: blockage effect. <i>Wind Energy</i> , 2011 , 14, 691-697	3.4	64
158	Flow regimes in a plane Couette flow with system rotation. <i>Journal of Fluid Mechanics</i> , 2010 , 648, 5-33	3.7	64
157	Turbulent spots in plane Poiseuille flow—flow visualization. <i>Physics of Fluids</i> , 1986 , 29, 1328		62
156	Experiments on the stability of streamwise streaks in plane Poiseuille flow. <i>Physics of Fluids</i> , 1999 , 11, 915-930	4.4	58
155	Measurements behind model wind turbines: further evidence of wake meandering. <i>Wind Energy</i> , 2008 , 11, 211-217	3.4	54
154	Experiments on a two-dimensional laminar separation bubble. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000 , 358, 3193-3205	3	53
153	The diagnostic plot — a litmus test for wall bounded turbulence data. <i>European Journal of Mechanics, B/Fluids</i> , 2010 , 29, 403-406	2.4	52
152	A new formulation for the streamwise turbulence intensity distribution in wall-bounded turbulent flows. <i>European Journal of Mechanics, B/Fluids</i> , 2012 , 36, 167-175	2.4	51
151	Obtaining accurate mean velocity measurements in high Reynolds number turbulent boundary layers using Pitot tubes. <i>Journal of Fluid Mechanics</i> , 2013 , 715, 642-670	3.7	48
150	Time scales in turbulent channel flow. <i>Physics of Fluids</i> , 1984 , 27, 1974		47
149	Turbulent Flows in Curved Pipes: Recent Advances in Experiments and Simulations. <i>Applied Mechanics Reviews</i> , 2016 , 68,	8.6	47
148	The wave structure of turbulent spots in plane Poiseuille flow. <i>Journal of Fluid Mechanics</i> , 1987 , 178, 405-421	3.7	46
147	Streamwise evolution of longitudinal vortices in a turbulent boundary layer. <i>Journal of Fluid Mechanics</i> , 2009 , 623, 27-58	3.7	44
146	A method to estimate turbulence intensity and transverse Taylor microscale in turbulent flows from spatially averaged hot-wire data. <i>Experiments in Fluids</i> , 2011 , 51, 693-700	2.5	42

145	On spatial resolution issues related to time-averaged quantities using hot-wire anemometry. <i>Experiments in Fluids</i> , 2010 , 49, 101-110	2.5	42
144	CICLoPE response to the need for high Reynolds number experiments. <i>Fluid Dynamics Research</i> , 2009 , 41, 021407	1.2	41
143	Reynolds stress scaling in pipe flow turbulence-first results from CICLoPE. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017 , 375,	3	40
142	Outer-layer turbulence intensities in smooth- and rough-wall boundary layers. <i>Journal of Fluid Mechanics</i> , 2013 , 727, 119-131	3.7	40
141	An experimental study of oblique transition in plane Poiseuille flow. <i>Journal of Fluid Mechanics</i> , 1998 , 358, 177-202	3.7	40
140	Experiments on localized disturbances in a flat plate boundary layer. Part 1. The receptivity and evolution of a localized free stream disturbance. <i>European Journal of Mechanics, B/Fluids</i> , 1998 , 17, 823-846	3.4	39
139	The viscous sublayer revisited—exploiting self-similarity to determine the wall position and friction velocity. <i>Experiments in Fluids</i> , 2011 , 51, 271-280	2.5	34
138	A study of swirling turbulent pipe and jet flows. <i>Physics of Fluids</i> , 2007 , 19, 035105	4.4	33
137	On the laminar-turbulent transition of the rotating-disk flow: the role of absolute instability. <i>Journal of Fluid Mechanics</i> , 2014 , 745, 132-163	3.7	30
136	The possibility of drag reduction by outer layer manipulators in turbulent boundary layers. <i>Physics of Fluids</i> , 1988 , 31, 2814		30
135	An experimental study of edge effects on rotating-disk transition. <i>Journal of Fluid Mechanics</i> , 2013 , 716, 638-657	3.7	29
134	Free stream turbulence induced disturbances in boundary layers with wall suction. <i>Physics of Fluids</i> , 2004 , 16, 3530-3539	4.4	28
133	Inverse Interscale Transport of the Reynolds Shear Stress in Plane Couette Turbulence. <i>Physical Review Letters</i> , 2018 , 120, 244501	7.4	27
132	A simplified vortex model of propeller and wind-turbine wakes. <i>Journal of Fluid Mechanics</i> , 2013 , 725, 91-116	3.7	27
131	A new way to describe the transition characteristics of a rotating-disk boundary-layer flow. <i>Physics of Fluids</i> , 2012 , 24, 031701	4.4	27
130	An Experimental Study of the Near-Field Mixing Characteristics of a Swirling Jet. <i>Flow, Turbulence and Combustion</i> , 2008 , 80, 323-350	2.5	27
129	The effect of spanwise system rotation on Dean vortices. <i>Journal of Fluid Mechanics</i> , 1994 , 274, 243-265	3.7	27
128	POD analysis of the turbulent flow downstream a mild and sharp bend. <i>Experiments in Fluids</i> , 2015 , 56, 1	2.5	26

127	Scaling of mixed structure functions in turbulent boundary layers. <i>Physics of Fluids</i> , 2008 , 20, 045101	4.4	26
126	Enhancing the signal-to-noise ratio of pressure sensitive paint data by singular value decomposition. <i>Measurement Science and Technology</i> , 2013 , 24, 075301	2	25
125	Experimental observations of instabilities in rotating plane Couette flow. <i>Physics of Fluids</i> , 2007 , 19, 048103	4.3	23
124	Secondary instability in rotating channel flow. <i>Journal of Fluid Mechanics</i> , 1998 , 368, 27-50	3.7	23
123	Comment on the scaling of the near-wall streamwise variance peak in turbulent pipe flows. <i>Experiments in Fluids</i> , 2013 , 54, 1	2.5	22
122	A study using PIV of the intake flow in a diesel engine cylinder. <i>International Journal of Heat and Fluid Flow</i> , 2016 , 62, 56-67	2.4	22
121	Instabilities of the von Kármán Boundary Layer. <i>Applied Mechanics Reviews</i> , 2015 , 67,	8.6	21
120	On the hydrodynamic stability of channel flow with cross flow. <i>Physics of Fluids</i> , 2003 , 15, 436-441	4.4	21
119	Uncertainty analysis of the von Kármán constant. <i>Experiments in Fluids</i> , 2013 , 54, 1	2.5	20
118	Experiments on instabilities in curved channel flow. <i>Physics of Fluids A, Fluid Dynamics</i> , 1992 , 4, 1666-1676		19
117	Direct drag measurements for a flat plate with passive boundary layer manipulators. <i>Physics of Fluids</i> , 1986 , 29, 696		18
116	Turbulent rotating plane Couette flow: Reynolds and rotation number dependency of flow structure and momentum transport. <i>Physical Review Fluids</i> , 2016 , 1,	2.8	18
115	Global linear instability of the rotating-disk flow investigated through simulations. <i>Journal of Fluid Mechanics</i> , 2015 , 765, 612-631	3.7	17
114	Linear disturbances in the rotating-disk flow: A comparison between results from simulations, experiments and theory. <i>European Journal of Mechanics, B/Fluids</i> , 2016 , 55, 170-181	2.4	17
113	Dean vortices in turbulent flows: rocking or rolling?. <i>Journal of Visualization</i> , 2012 , 15, 37-38	1.6	17
112	Pressure fluctuation in high-Reynolds-number turbulent boundary layer: results from experiments and DNS. <i>Journal of Turbulence</i> , 2012 , 13, N50	2.1	17
111	Separation control by means of plasma actuation on a half cylinder approached by a turbulent boundary layer. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015 , 145, 318-326	3.7	16
110	Experiments On Rotating Plane Couette Flow. <i>Fluid Mechanics and Its Applications</i> , 1996 , 391-394	0.2	16

109	Experimental study of rotating-disk boundary-layer flow with surface roughness. <i>Journal of Fluid Mechanics</i> , 2016 , 786, 5-28	3.7	16
108	Experiments in rotating plane Couette flow [momentum transport by coherent roll-cell structure and zero-absolute-vorticity state. <i>Journal of Fluid Mechanics</i> , 2016 , 791, 191-213	3.7	16
107	Plasma Streamwise Vortex Generators for Flow Separation Control on Trucks: A Proof-of-concept Experiment. <i>Flow, Turbulence and Combustion</i> , 2018 , 100, 1101-1109	2.5	15
106	Vortical patterns in turbulent flow downstream a 90° curved pipe at high Womersley numbers. <i>International Journal of Heat and Fluid Flow</i> , 2013 , 44, 692-699	2.4	15
105	A flow facility for the characterization of pulsatile flows. <i>Flow Measurement and Instrumentation</i> , 2012 , 26, 10-17	2.2	15
104	On the global nonlinear instability of the rotating-disk flow over a finite domain. <i>Journal of Fluid Mechanics</i> , 2016 , 803, 332-355	3.7	15
103	High-order generalisation of the diagnostic scaling for turbulent boundary layers. <i>Journal of Turbulence</i> , 2016 , 17, 664-677	2.1	15
102	Flow separation control behind a cylindrical bump using dielectric-barrier-discharge vortex generator plasma actuators. <i>Journal of Fluid Mechanics</i> , 2018 , 835, 852-879	3.7	15
101	Turbulence in the rotating-disk boundary layer investigated through direct numerical simulations. <i>European Journal of Mechanics, B/Fluids</i> , 2018 , 70, 6-18	2.4	14
100	Scaling Laws in Canopy Flows: A Wind-Tunnel Analysis. <i>Boundary-Layer Meteorology</i> , 2013 , 148, 269-283	3.4	14
99	Correcting hot-wire spatial resolution effects in third- and fourth-order velocity moments in wall-bounded turbulence. <i>Experiments in Fluids</i> , 2013 , 54, 1	2.5	14
98	On the robustness of separation control by streamwise vortices. <i>European Journal of Mechanics, B/Fluids</i> , 2010 , 29, 9-17	2.4	14
97	Introduction Wind farms in complex terrains: an introduction. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017 , 375,	3	13
96	Towards a theoretical model of heat transfer for hot-wire anemometry close to solid walls. <i>International Journal of Heat and Fluid Flow</i> , 2017 , 68, 248-256	2.4	13
95	Transition to turbulence in the rotating-disk boundary-layer flow with stationary vortices. <i>Journal of Fluid Mechanics</i> , 2018 , 836, 43-71	3.7	13
94	Time-resolved measurements with a vortex flowmeter in a pulsating turbulent flow using wavelet analysis. <i>Measurement Science and Technology</i> , 2010 , 21, 123001	2	13
93	Measuring Surface Pressure on Rotating Compressor Blades Using Pressure Sensitive Paint. <i>Sensors</i> , 2016 , 16,	3.8	13
92	Boundary layer receptivity to free-stream turbulence and surface roughness over a swept flat plate. <i>Physics of Fluids</i> , 2011 , 23, 034107	4.4	12

91	On the scaling of turbulent separating boundary layers. <i>Physics of Fluids</i> , 2008 , 20, 075104	4.4	12
90	Near-field dynamics of a turbulent round jet with moderate swirl. <i>International Journal of Heat and Fluid Flow</i> , 2008 , 29, 675-686	2.4	12
89	Experimental study of heat and momentum transfer in rotating channel flow. <i>Physics of Fluids</i> , 1996 , 8, 2964-2973	4.4	12
88	Zero absolute vorticity: insight from experiments in rotating laminar plane Couette flow. <i>Physical Review E</i> , 2014 , 89, 033003	2.4	11
87	Flow separation control by dielectric barrier discharge plasma actuation via pulsed momentum injection. <i>AIP Advances</i> , 2018 , 8, 075229	1.5	10
86	The turbulent rotating-disk boundary layer. <i>European Journal of Mechanics, B/Fluids</i> , 2014 , 48, 245-253	2.4	10
85	Velocity statistics and flow structures observed in bypass transition using stereo PTV. <i>Experiments in Fluids</i> , 2003 , 34, 242-252	2.5	10
84	Experimental investigation of streaky structures in a relaminarizing boundary layer. <i>Journal of Turbulence</i> , 2002 , 3, N18	2.1	10
83	Turbulent boundary layers over flat plates and rotating disks – The legacy of von Kármán: A Stockholm perspective. <i>European Journal of Mechanics, B/Fluids</i> , 2013 , 40, 17-29	2.4	9
82	Streamwise scaling of streaks in laminar boundary layers subjected to free-stream turbulence. <i>Physics of Fluids</i> , 2004 , 16, 1814-1817	4.4	9
81	The counter-rotating core of a swirling turbulent jet issued from a rotating pipe flow. <i>Physics of Fluids</i> , 2004 , 16, L71-L73	4.4	9
80	Measurements with a flow direction boundary-layer probe in a two-dimensional laminar separation bubble. <i>Experiments in Fluids</i> , 2000 , 28, 236-242	2.5	9
79	An experimental investigation of the response of hot-wire X-probes in shear flows. <i>Experiments in Fluids</i> , 2000 , 28, 425-435	2.5	9
78	Turbulent spots in channel flows. <i>Journal of Engineering Mathematics</i> , 1994 , 28, 21-42	1.2	9
77	Turbulence in plane Couette flow. <i>Flow, Turbulence and Combustion</i> , 1993 , 51, 237-241		9
76	Turbulent spots in plane Poiseuille flow – Measurements of the velocity field. <i>Physics of Fluids A, Fluid Dynamics</i> , 1990 , 2, 2183-2195		9
75	Boundary-layer transition over a rotating broad cone. <i>Physical Review Fluids</i> , 2019 , 4,	2.8	9
74	On the Evolution of Shear-Layer Structures in Near-Wall Turbulence 1987 , 383-390		9

73	Turbulence stripe in transitional channel flow with/without system rotation. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , 2010 , 421-426	0.3	9
72	Investigation of the Global Instability of the Rotating-disk Boundary Layer. <i>Procedia IUTAM</i> , 2015 , 14, 321-328		8
71	Techniques for the Eduction of Coherent Structures from Flow Measurements in the Atmospheric Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2012 , 143, 433-450	3.4	8
70	Numerical and experimental results for developing curved channel flow. <i>Physics of Fluids A, Fluid Dynamics</i> , 1991 , 3, 1473-1476		8
69	Investigation of the structures in the unstable rotating-cone boundary layer. <i>Physical Review Fluids</i> , 2019 , 4,	2.8	8
68	Large-Eddy BreakUp Devices - a 40 Years Perspective from a Stockholm Horizon. <i>Flow, Turbulence and Combustion</i> , 2018 , 100, 877-888	2.5	7
67	Scale interactions in turbulent rotating planar Couette flow: insight through the Reynolds stress transport. <i>Journal of Fluid Mechanics</i> , 2019 , 879, 255-295	3.7	7
66	Experimental investigation on the effect of pulsations on exhaust manifold-related flows aiming at improved efficiency 2012 , 377-387		7
65	An Experimental Study of the Structure and Spreading of Turbulent Spots 1985 , 617-624		7
64	Large Scale Structures in Turbulent Plane Couette Flow. <i>Fluid Mechanics and Its Applications</i> , 1998 , 59-62	0.2	6
63	Vortex-meter design: The influence of shedding-body geometry on shedding characteristics. <i>Flow Measurement and Instrumentation</i> , 2018 , 59, 88-102	2.2	6
62	Investigating swirl and tumble using two prototype inlet port designs by means of multi-planar PIV. <i>International Journal of Heat and Fluid Flow</i> , 2019 , 75, 61-76	2.4	5
61	Pulsatile Turbulent Flow in Straight and Curved Pipes II Interpretation and Decomposition of Hot-Wire Signals. <i>Flow, Turbulence and Combustion</i> , 2015 , 94, 305-321	2.5	5
60	Linear modes in a planar turbulent jet. <i>Journal of Fluid Mechanics</i> , 2020 , 888,	3.7	5
59	Boundary Layer Transition at High Levels of Free Stream Turbulence 1998 ,		5
58	An Experimental Study of Transition in Plane Couette Flow 1991 , 235-242		5
57	Instability, Transition and Turbulence in Plane Couette Flow with System Rotation 2005 , 173-193		5
56	Secondary instability and breakdown to turbulence in curved channel flow. <i>Flow, Turbulence and Combustion</i> , 1993 , 51, 9-14		4

55	Experiments on the Evolution of a Point-like Disturbance in Plane Poiseuille Flow into a Turbulent Spot 1991 , 182-188		4
54	Development of a pressure based vortex-shedding meter: measuring unsteady mass-flow in variable density gases. <i>Measurement Science and Technology</i> , 2016 , 27, 085901	2	3
53	The life of a vortex in an axisymmetric jet. <i>Journal of Visualization</i> , 2011 , 14, 5-6	1.6	3
52	On discharge from poppet valves: effects of pressure and system dynamics. <i>Experiments in Fluids</i> , 2018 , 59, 1	2.5	2
51	Unravelling tumble and swirl in a unique water-analogue engine model. <i>Journal of Visualization</i> , 2018 , 21, 557-568	1.6	2
50	Turbulent Boundary Layer Upstream, Over and Downstream a Cylindrical 2D Bump. <i>Springer Proceedings in Physics</i> , 2016 , 279-283	0.2	2
49	Design and Tests of Wind-Tunnel Sidewalls for Receptivity Experiments on a Swept Wing. <i>Applied Mechanics and Materials</i> , 2013 , 390, 96-102	0.3	2
48	Pulsatile turbulent flow through pipe bends at high Dean and Womersley numbers. <i>Journal of Physics: Conference Series</i> , 2011 , 318, 092023	0.3	2
47	A method to correct third and fourth order moments in turbulent flows. <i>Journal of Physics: Conference Series</i> , 2011 , 318, 042023	0.3	2
46	A new formulation for the streamwise turbulence intensity distribution. <i>Journal of Physics: Conference Series</i> , 2011 , 318, 022002	0.3	2
45	Experimental analysis of turbocharger interaction with a pulsatile flow through time-resolved flow measurements upstream and downstream of the turbine 2012 , 405-415		2
44	Control of thermocapillary instabilities far from threshold. <i>Physics of Fluids</i> , 2005 , 17, 104109	4.4	2
43	Structures in Turbulent Plane Couette Flow Obtained from Correlation Measurements. <i>Fluid Mechanics and Its Applications</i> , 1995 , 502-507	0.2	2
42	Turbulence in Plane Couette Flow. <i>Fluid Mechanics and Its Applications</i> , 1993 , 237-241	0.2	2
41	Instability and transition in the boundary layer driven by a rotating slender cone. <i>Journal of Fluid Mechanics</i> , 2021 , 915,	3.7	2
40	On shock structures in dynamic exhaust valve flows. <i>Physics of Fluids</i> , 2019 , 31, 026107	4.4	2
39	CONTROL OF TURBULENT BOUNDARY LAYERS BY UNIFORMWALL SUCTION AND BLOWING 2006 , 437-442		2
38	Instabilities in Rotating Channel Flow. <i>Advances in Soil Science</i> , 1990 , 313-329		2

37	Turbulent Pipe Flow Near-Wall Statistics. <i>Springer Proceedings in Physics</i> , 2017 , 89-94	0.2	1
36	A spectral model of stably stratified surface-layer turbulence. <i>Journal of Physics: Conference Series</i> , 2015 , 625, 012003	0.3	1
35	An Experimental Study of a Rotating-Disk Turbulent Boundary-Layer Flow. <i>Springer Proceedings in Physics</i> , 2014 , 173-176	0.2	1
34	An experimental analysis of canopy flows. <i>Journal of Physics: Conference Series</i> , 2011 , 318, 072018	0.3	1
33	Experimental study on the use of the wake instability as a passive control in coaxial jet flows. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , 2010 , 361-366	0.3	1
32	Turbulence Enhancement in Coaxial Jet Flows by Means of Vortex Shedding. <i>Springer Proceedings in Physics</i> , 2009 , 235-238	0.2	1
31	On Rayleigh instability in decaying plane Couette flow. <i>Flow, Turbulence and Combustion</i> , 1994 , 53, 187-196		1
30	Symmetry properties of developing three-dimensional laminar disturbances in plane Poiseuille flow. <i>Physics of Fluids</i> , 1994 , 6, 1618-1620	4.4	1
29	Revisiting the Near-Wall Scaling of the Streamwise Variance in Turbulent Pipe Flows. <i>Springer Proceedings in Physics</i> , 2014 , 113-119	0.2	1
28	CICLOPE DA Large Pipe Facility for Detailed Turbulence Measurements at High Reynolds Number. <i>Springer Proceedings in Physics</i> , 2009 , 73-77	0.2	1
27	Measurements of the Flow Upstream a Rotating Wind Turbine Model. <i>Springer Proceedings in Physics</i> , 2009 , 87-90	0.2	1
26	An Experimental Study of the Velocity Field of Turbulent Spots in Plane Poiseuille Flow 1989 , 9-14		1
25	On the Development of Turbulent Spots in Plane Poiseuille Flow 1990 , 43-52		1
24	Flow visualization and skin friction determination in transitional channel flow. <i>Experiments in Fluids</i> , 2021 , 62, 1	2.5	1
23	Instabilities and Transition on a Rotating Cone Old Problems and New Challenges. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , 2022 , 203-213	0.3	1
22	Generalization of the Diagnostic Plot to Higher-Order Moments in Turbulent Boundary Layers. <i>Springer Proceedings in Physics</i> , 2016 , 333-338	0.2	
21	Rotation Effects on Wall-Bounded Flows. <i>Geophysical Monograph Series</i> , 2014 , 83-100	1.1	
20	The Streamwise Turbulence Intensity DA Comparison between Smooth and Rough Wall Turbulent Boundary Layers. <i>Springer Proceedings in Physics</i> , 2014 , 97-101	0.2	

19	The Characteristics of Turbulence in Curved Pipes under Highly Pulsatile Flow Conditions. <i>Springer Proceedings in Physics</i> , 2014 , 183-187	0.2
18	The Diagnostic Plot – Tutorial with a Ten Year Perspective. <i>Springer Proceedings in Physics</i> , 2021 , 125-135	0.2
17	On Similarity of Turbulence Statistics of a Turbulent Planar Jet Taking the Static Pressure into Account. <i>Springer Proceedings in Physics</i> , 2021 , 43-49	0.2
16	Instability on Rotating Sharp Cones Revisited. <i>Springer Proceedings in Physics</i> , 2021 , 259-265	0.2
15	Control of streaky structures by localized blowing and suction 2000 , 161-166	
14	Feed-forward Control of Streak Instabilities in Plane Poiseuille Flow by Localized Suction 2000 , 229-234	
13	Shear Effect on Pressure and Particle Acceleration in High-Reynolds-Number Turbulence. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , 2008 , 177-182	0.3
12	Assessment of Wall Vibrations in the Long Pipe Facility at CICLOPE. <i>Springer Proceedings in Physics</i> , 2019 , 203-208	0.2
11	Turbulence Experiments – Instrumentation and Processing of Data 1989 , 230-243	
10	Secondary Instability and Breakdown to Turbulence in Curved Channel Flow. <i>Fluid Mechanics and Its Applications</i> , 1993 , 9-14	0.2
9	Experiments on Secondary Instability of Channel Flow with Body Forces 1995 , 229-236	
8	Flow Structures and Momentum Transport in Turbulent Rotating Plane Couette Flow. <i>Springer Proceedings in Physics</i> , 2017 , 51-57	0.2
7	The Effect of Oblique Waves on Jet Turbulence. <i>Springer Proceedings in Physics</i> , 2009 , 231-234	0.2
6	On imperfect hot-wire resolution issues and their effect on mean quantities. <i>Springer Proceedings in Physics</i> , 2009 , 605-608	0.2
5	The diagnostic plot - a new way to appraise turbulent boundary-layer data. <i>Springer Proceedings in Physics</i> , 2009 , 609-612	0.2
4	Evolution Of Traveling Crossflow Modes Over A Swept Flat Plate. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , 2010 , 231-236	0.3
3	Effect of oblique waves on jet turbulence. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , 2010 , 541-544	0.3
2	A New Way to Determine the Wall Position and Friction Velocity in Wall-Bounded Turbulent Flows. <i>Springer Proceedings in Physics</i> , 2012 , 181-185	0.2

1 Turbulent Structures in Canopy Flows. *Research Topics in Wind Energy*, **2014**, 85-91

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