

Javier Jimenez

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.

166
papers

11,880
citations

49
h-index

108
g-index

176
ext. papers

13,730
ext. citations

3.3
avg, IF

7.05
L-index

#	Paper	IF	Citations
166	A low-storage method consistent with second-order statistics for time-resolved databases of turbulent channel flow up to $Re_{\tau}5300$. <i>Journal of Computational Science</i> , 2021 , 56, 101476	3.4	0
165	Entropy, irreversibility and cascades in the inertial range of isotropic turbulence. <i>Journal of Fluid Mechanics</i> , 2021 , 915,	3.7	2
164	Effect of limited near-wall inlet data on the direct numerical simulation of turbulent channel flow. <i>Journal of Physics: Conference Series</i> , 2020 , 1522, 012019	0.3	0
163	Momentum transfer by linearised eddies in turbulent channel flows. <i>Journal of Fluid Mechanics</i> , 2020 , 895,	3.7	3
162	Monte Carlo science. <i>Journal of Turbulence</i> , 2020 , 21, 544-566	2.1	3
161	Computers and turbulence. <i>European Journal of Mechanics, B/Fluids</i> , 2020 , 79, 1-11	2.4	6
160	The Turbulence Cascade in Physical Space. <i>ERCOTAC Series</i> , 2019 , 45-50	0.1	
159	Logarithmic-layer turbulence: A view from the wall. <i>Physical Review Fluids</i> , 2019 , 4,	2.8	10
158	Coherent structures in wall-bounded turbulence. <i>Journal of Fluid Mechanics</i> , 2018 , 842,	3.7	185
157	Reynolds stress structures in a self-similar adverse pressure gradient turbulent boundary layer at the verge of separation.. <i>Journal of Physics: Conference Series</i> , 2018 , 1001, 012001	0.3	1
156	Intense structures of different momentum fluxes in turbulent channels. <i>Physical Review Fluids</i> , 2018 , 3,	2.8	9
155	Intense structures of different momentum fluxes in turbulent channels. <i>Journal of Physics: Conference Series</i> , 2018 , 1001, 012003	0.3	1
154	Description and detection of burst events in turbulent flows. <i>Journal of Physics: Conference Series</i> , 2018 , 1001, 012015	0.3	1
153	Machine-aided turbulence theory. <i>Journal of Fluid Mechanics</i> , 2018 , 854,	3.7	17
152	Coherent structures in statistically stationary homogeneous shear turbulence. <i>Journal of Fluid Mechanics</i> , 2017 , 816, 167-208	3.7	43
151	Vertically localised equilibrium solutions in large-eddy simulations of homogeneous shear flow. <i>Journal of Fluid Mechanics</i> , 2017 , 827, 225-249	3.7	7
150	Direct numerical simulation of a self-similar adverse pressure gradient turbulent boundary layer at the verge of separation. <i>Journal of Fluid Mechanics</i> , 2017 , 829, 392-419	3.7	33

149	The turbulent cascade in five dimensions. <i>Science</i> , 2017 , 357, 782-784	33.3	52
148	Towards the Direct Numerical Simulation of a Self-similar Adverse Pressure Gradient Turbulent Boundary Layer Flow 2017 , 61-75		2
147	Dynamics of homogeneous shear turbulence: A key role of the nonlinear transverse cascade in the bypass concept. <i>Physical Review E</i> , 2016 , 94, 023111	2.4	14
146	Coherent Structures in Wall-Bounded Turbulence. <i>ERCOFTAC Series</i> , 2016 , 37-46	0.1	
145	A Marker for Studying the Turbulent Energy Cascade in Real Space. <i>Springer Proceedings in Physics</i> , 2016 , 27-31	0.2	
144	Comparison of the Direct Numerical Simulation of Zero and Low Adverse Pressure Gradient Turbulent Boundary Layers. <i>Lecture Notes in Mechanical Engineering</i> , 2016 , 163-168	0.4	
143	Unstable periodic orbits in plane Couette flow with the Smagorinsky model. <i>Journal of Physics: Conference Series</i> , 2016 , 708, 012003	0.3	3
142	A POD-based analysis of turbulence in the reduced nonlinear dynamics system. <i>Journal of Physics: Conference Series</i> , 2016 , 708, 012002	0.3	1
141	Editorial opinion: public dissemination of raw turbulence data. <i>Journal of Physics: Conference Series</i> , 2016 , 708, 011002	0.3	2
140	The minimal channel: a fast and direct method for characterising roughness. <i>Journal of Physics: Conference Series</i> , 2016 , 708, 012010	0.3	3
139	A statistical state dynamics-based study of the structure and mechanism of large-scale motions in plane Poiseuille flow. <i>Journal of Fluid Mechanics</i> , 2016 , 809, 290-315	3.7	30
138	Properties of the turbulent/non-turbulent interface in boundary layers. <i>Journal of Fluid Mechanics</i> , 2016 , 801, 554-596	3.7	49
137	Homogeneous shear turbulence Bypass concept via interplay of linear transient growth and nonlinear transverse cascade. <i>Journal of Physics: Conference Series</i> , 2016 , 708, 012001	0.3	1
136	Multiscale analysis of the topological invariants in the logarithmic region of turbulent channels at a friction Reynolds number of 932. <i>Journal of Fluid Mechanics</i> , 2016 , 803, 356-394	3.7	26
135	Optimal fluxes and Reynolds stresses. <i>Journal of Fluid Mechanics</i> , 2016 , 809, 585-600	3.7	8
134	Direct numerical simulation of statistically stationary and homogeneous shear turbulence and its relation to other shear flows. <i>Physics of Fluids</i> , 2016 , 28, 035101	4.4	41
133	Cascades and wall-normal fluxes in turbulent channel flows. <i>Journal of Fluid Mechanics</i> , 2016 , 796, 417-436	3.7	43
132	Direct numerical simulation of a self-similar adverse pressure gradient turbulent boundary layer. <i>International Journal of Heat and Fluid Flow</i> , 2016 , 61, 129-136	2.4	32

131	Numerically accurate computation of the conditional trajectories of the topological invariants in turbulent flows. <i>Journal of Computational Physics</i> , 2015 , 295, 805-814	4.1	8
130	Direct detection of linearized bursts in turbulence. <i>Physics of Fluids</i> , 2015 , 27, 065102	4.4	26
129	Linearised Structures in Shear Turbulence. <i>Procedia IUTAM</i> , 2015 , 14, 122-128		
128	The temporal evolution of the energy flux across scales in homogeneous turbulence. <i>Physics of Fluids</i> , 2015 , 27, 111702	4.4	26
127	Analysis of a Turbulent Boundary Layer Subjected to a Strong Adverse Pressure Gradient. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012007	0.3	13
126	Effect of the computational domain on direct simulations of turbulent channels up to $Re_{\tau} = 4200$. <i>Physics of Fluids</i> , 2014 , 26, 011702	4.4	230
125	Stochastic self-energy subgrid model for the large eddy simulation of turbulent channel flows. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012001	0.3	3
124	The attached reverse and detached forward cascades in wall-turbulent flows. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012005	0.3	1
123	Scaling of velocity fluctuations in off-wall boundary conditions for turbulent flows. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012002	0.3	3
122	Characteristics of the turbulent/nonturbulent interface in boundary layers, jets and shear-free turbulence. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012015	0.3	18
121	Influence of solid boundary conditions on the evolution of free and wall-bounded turbulent flows. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012014	0.3	
120	Granger causality in wall-bounded turbulence. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012006	0.3	3
119	Turbulence in the highly restricted dynamics of a closure at second order: comparison with DNS. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012004	0.3	12
118	Scaling of pressure spectrum in turbulent boundary layers. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012011	0.3	
117	Turbulent pipe flow: Statistics, Re-dependence, structures and similarities with channel and boundary layer flows. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012010	0.3	7
116	Possible modification of the large-scale flow structures by vortical structural interactions. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012012	0.3	
115	Numerical issues in Lagrangian tracking and topological evolution of fluid particles in wall-bounded turbulent flows. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012003	0.3	
114	Hairpin vortices in turbulent boundary layers. <i>Journal of Physics: Conference Series</i> , 2014 , 506, 012008	0.3	4

113	Two-point statistics for turbulent boundary layers and channels at Reynolds numbers up to $Re_{\tau} = 2000$. <i>Physics of Fluids</i> , 2014 , 26, 105109	4.4	128
112	Time-resolved evolution of coherent structures in turbulent channels: characterization of eddies and cascades. <i>Journal of Fluid Mechanics</i> , 2014 , 759, 432-471	3.7	122
111	Wall turbulence without walls. <i>Journal of Fluid Mechanics</i> , 2013 , 723, 429-455	3.7	46
110	Simulations of turbulent channels with prescribed velocity profiles. <i>Journal of Fluid Mechanics</i> , 2013 , 723, 587-603	3.7	18
109	A code for direct numerical simulation of turbulent boundary layers at high Reynolds numbers in BG/P supercomputers. <i>Computers and Fluids</i> , 2013 , 80, 37-43	2.8	43
108	How linear is wall-bounded turbulence?. <i>Physics of Fluids</i> , 2013 , 25, 110814	4.4	67
107	One-point statistics for turbulent wall-bounded flows at Reynolds numbers up to $Re_{\tau} = 2000$. <i>Physics of Fluids</i> , 2013 , 25, 105102	4.4	230
106	Cascades in Wall-Bounded Turbulence. <i>Annual Review of Fluid Mechanics</i> , 2012 , 44, 27-45	2.2	220
105	The three-dimensional structure of momentum transfer in turbulent channels. <i>Journal of Fluid Mechanics</i> , 2012 , 694, 100-130	3.7	148
104	Scaling of turbulent structures in riblet channels up to $Re_{\tau} = 50$. <i>Physics of Fluids</i> , 2012 , 24, 105101	4.4	24
103	Direct Numerical Simulations of Wake-Perturbed Separated Boundary Layers. <i>Journal of Turbomachinery</i> , 2012 , 134,	1.8	7
102	Corrections to Taylor's Approximation from Computed Turbulent Convection Velocities. <i>ERCOFTAC Series</i> , 2011 , 211-218	0.1	
101	Time-resolved Evolution of the Wall-bounded Vorticity Cascade. <i>Journal of Physics: Conference Series</i> , 2011 , 318, 062016	0.3	3
100	Hydrodynamic stability and breakdown of the viscous regime over riblets. <i>Journal of Fluid Mechanics</i> , 2011 , 678, 317-347	3.7	122
99	Drag reduction by riblets. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011 , 369, 1412-27	3	187
98	Mean velocity and length-scales in the overlap region of wall-bounded turbulent flows. <i>Physics of Fluids</i> , 2011 , 23, 085112	4.4	35
97	Direct simulation of a zero-pressure-gradient turbulent boundary layer up to $Re_{\tau} = 6650$. <i>Journal of Physics: Conference Series</i> , 2011 , 318, 022023	0.3	5
96	Hybrid OpenMP-MPI Turbulent Boundary Layer Code Over 32k Cores. <i>Lecture Notes in Computer Science</i> , 2011 , 218-227	0.9	3

95	Direct simulations of wall-bounded turbulence. <i>ERCOFTAC Series</i> , 2011 , 3-8	0.1	1
94	Turbulent boundary layers and channels at moderate Reynolds numbers. <i>Journal of Fluid Mechanics</i> , 2010 , 657, 335-360	3.7	198
93	Hierarchy of minimal flow units in the logarithmic layer. <i>Physics of Fluids</i> , 2010 , 22, 071704	4.4	122
92	Inner-Outer Interactions in Wall-Bounded Turbulence. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2010 , 3-14	0.3	
91	Log-Layer Dynamics in Smooth and Artificially-Rough Turbulent Channels. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , 2010 , 93-98	0.3	1
90	A high-resolution code for turbulent boundary layers. <i>Journal of Computational Physics</i> , 2009 , 228, 4218-4231	4.2	176
89	Estimation of turbulent convection velocities and corrections to Taylor's approximation. <i>Journal of Fluid Mechanics</i> , 2009 , 640, 5-26	3.7	234
88	Wall turbulence without walls. <i>Springer Proceedings in Physics</i> , 2009 , 597-600	0.2	1
87	Reynolds number effects on the Reynolds-stress budgets in turbulent channels. <i>Physics of Fluids</i> , 2008 , 20, 101511	4.4	234
86	Turbulent fluctuations above the buffer layer of wall-bounded flows. <i>Journal of Fluid Mechanics</i> , 2008 , 611, 215-236	3.7	180
85	Some Contributions and Challenges of Computational Turbulence Research. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , 2008 , 3-10	0.3	
84	Vorticity organization in the outer layer of turbulent channels with disturbed walls. <i>Journal of Fluid Mechanics</i> , 2007 , 591, 145-154	3.7	51
83	Spontaneous generation of vortex crystals from forced two-dimensional homogeneous turbulence. <i>Physics of Fluids</i> , 2007 , 19, 085103	4.4	8
82	What are we learning from simulating wall turbulence?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007 , 365, 715-32	3	59
81	Scaling of the velocity fluctuations in turbulent channels up to $Re_{\tau} = 2003$. <i>Physics of Fluids</i> , 2006 , 18, 011702	4.4	619
80	Effect of wall-boundary disturbances on turbulent channel flows. <i>Journal of Fluid Mechanics</i> , 2006 , 566, 357	3.7	87
79	Self-similar vortex clusters in the turbulent logarithmic region. <i>Journal of Fluid Mechanics</i> , 2006 , 561, 329	3.7	261
78	Linear energy amplification in turbulent channels. <i>Journal of Fluid Mechanics</i> , 2006 , 559, 205	3.7	215

77	Intermittency in Turbulence 2006 , 144-151		1
76	The Near-Wall Structures of the Turbulent Boundary Layer. <i>Solid Mechanics and Its Applications</i> , 2006 , 209-220	0.4	
75	CLUSTERING OF INTENSE STRUCTURES IN ISOTROPIC TURBULENCE: NUMERICAL AND EXPERIMENTAL EVIDENCE. <i>Fluid Mechanics and Its Applications</i> , 2006 , 3-12	0.2	2
74	THE NEAR-WALL STRUCTURES OF TURBULENT WALL FLOWS 2006 , 53-70		2
73	The growth of a mixing layer in a laminar channel. <i>Journal of Fluid Mechanics</i> , 2005 , 535, 245-254	3.7	23
72	Characterization of near-wall turbulence in terms of equilibrium and bursting solutions. <i>Physics of Fluids</i> , 2005 , 17, 015105	4.4	81
71	The Contributions of A. N. Kolmogorov to the theory of turbulence. <i>Arbor</i> , 2004 , CLXXVIII, 589-606	0.2	5
70	Geometry and clustering of intense structures in isotropic turbulence. <i>Journal of Fluid Mechanics</i> , 2004 , 513, 111-133	3.7	140
69	The large-scale dynamics of near-wall turbulence. <i>Journal of Fluid Mechanics</i> , 2004 , 505, 179-199	3.7	137
68	Scaling of the energy spectra of turbulent channels. <i>Journal of Fluid Mechanics</i> , 2004 , 500, 135-144	3.7	463
67	TURBULENT FLOWS OVER ROUGH WALLS. <i>Annual Review of Fluid Mechanics</i> , 2004 , 36, 173-196	22	898
66	Spectra of the very large anisotropic scales in turbulent channels. <i>Physics of Fluids</i> , 2003 , 15, L41	4.4	317
65	Linear instability of a corrugated vortex sheet: a model for streak instability. <i>Journal of Fluid Mechanics</i> , 2003 , 483, 315-342	3.7	29
64	Computing high-Reynolds-number turbulence: will simulations ever replace experiments?. <i>Journal of Turbulence</i> , 2003 , 4,	2.1	39
63	Very Large Anisotropic Scales in Turbulent Wall-Bounded Flows 2003 , 105-112		
62	Coherent dynamics in wall turbulence 2002 , 229-240		
61	COMPUTING HIGH-REYNOLDS NUMBER CHANNELS: WILL DNS EVER SUBSTITUTE EXPERIMENTS? 2002 , 17-27		1
60	A Critical Evaluation of the Resolution Properties of B-Spline and Compact Finite Difference Methods. <i>Journal of Computational Physics</i> , 2001 , 174, 510-551	4.1	44

59	Turbulent shear flow over active and passive porous surfaces. <i>Journal of Fluid Mechanics</i> , 2001 , 442, 89-137	3.7	113
58	Low-dimensional dynamics of a turbulent wall flow. <i>Journal of Fluid Mechanics</i> , 2001 , 435, 81-91	3.7	56
57	The Largest Scales in Turbulent Flow: The Structures of the Wall Layer. <i>Lecture Notes in Physics</i> , 2001 , 39-57	0.8	
56	Self-Similarity and Coherence in the Turbulent Cascade. <i>Fluid Mechanics and Its Applications</i> , 2001 , 57-66	0.2	2
55	Intermittency and cascades. <i>Journal of Fluid Mechanics</i> , 2000 , 409, 99-120	3.7	34
54	Large-Eddy Simulations: Where Are We and What Can We Expect?. <i>AIAA Journal</i> , 2000 , 38, 605-612	2.1	48
53	Large-eddy simulations - Where are we and what can we expect?. <i>AIAA Journal</i> , 2000 , 38, 605-612	2.1	28
52	The autonomous cycle of near-wall turbulence. <i>Journal of Fluid Mechanics</i> , 1999 , 389, 335-359	3.7	535
51	The physics of wall turbulence. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999 , 263, 252-262	3.3	44
50	On the survival of strong vortex filaments in model turbulence. <i>Journal of Fluid Mechanics</i> , 1999 , 394, 261-279	3.7	7
49	Dynamics of the Structures of Near Wall Turbulence. <i>Fluid Mechanics and Its Applications</i> , 1999 , 41-49	0.2	
48	Small scale intermittency in turbulence. <i>European Journal of Mechanics, B/Fluids</i> , 1998 , 17, 405-419	2.4	11
47	On the characteristics of vortex filaments in isotropic turbulence. <i>Journal of Fluid Mechanics</i> , 1998 , 373, 255-285	3.7	151
46	Turbulent velocity fluctuations need not be Gaussian. <i>Journal of Fluid Mechanics</i> , 1998 , 376, 139-147	3.7	47
45	The Role of Coherent Structure Interactions in the Regeneration of Wall Turbulence. <i>Fluid Mechanics and Its Applications</i> , 1998 , 155-158	0.2	7
44	On the Generation of Intermittent Gradients in a Deterministically Forced Burgers Equation. <i>Fluid Mechanics and Its Applications</i> , 1998 , 223-226	0.2	
43	A priori testing of subgrid models for chemically reacting non-premixed turbulent shear flows. <i>Journal of Fluid Mechanics</i> , 1997 , 349, 149-171	3.7	93
42	What do we need to substitute experiments with simulations in turbulence? 1996 , 1-8		

41	The structure of the vortices in freely decaying two-dimensional turbulence. <i>Journal of Fluid Mechanics</i> , 1996 , 313, 209-222	3.7	69
40	Algebraic probability density tails in decaying isotropic two-dimensional turbulence. <i>Journal of Fluid Mechanics</i> , 1996 , 313, 223-240	3.7	41
39	Fourier/Chebyshev methods for the incompressible Navier-Stokes equations in infinite domains. <i>Journal of Computational Physics</i> , 1995 , 121, 261-270	4.1	13
38	Axial dynamics of viscous vortices. <i>Lecture Notes in Physics</i> , 1995 , 83-88	0.8	
37	On steady columnar vortices under local compression. <i>Journal of Fluid Mechanics</i> , 1995 , 299, 367-388	3.7	31
36	A binary tree implementation of a parallel distributed tridiagonal solver. <i>Parallel Computing</i> , 1995 , 21, 233-241	1	6
35	Statistical Properties of Decaying Two-Dimensional Turbulence. <i>Fluid Mechanics and Its Applications</i> , 1995 , 11-15	0.2	1
34	A Preliminary Study on the Formation of Elongated Vortices in Turbulence. <i>Fluid Mechanics and Its Applications</i> , 1995 , 519-523	0.2	
33	On the generation of turbulent wall friction. <i>Physics of Fluids</i> , 1994 , 6, 634-641	4.4	119
32	On the structure and control of near wall turbulence. <i>Physics of Fluids</i> , 1994 , 6, 944-953	4.4	60
31	Hyperviscous vortices. <i>Journal of Fluid Mechanics</i> , 1994 , 279, 169-176	3.7	35
30	Solitary waves on a vorticity layer. <i>Journal of Fluid Mechanics</i> , 1994 , 264, 303-319	3.7	
29	The structure of intense vorticity in isotropic turbulence. <i>Journal of Fluid Mechanics</i> , 1993 , 255, 65	3.7	772
28	The rollup of a vortex layer near a wall. <i>Journal of Fluid Mechanics</i> , 1993 , 248, 297-313	3.7	30
27	Small Scale Vortices in Turbulent Flows 1993 , 95-110		3
26	Kinematic alignment effects in turbulent flows. <i>Physics of Fluids A, Fluid Dynamics</i> , 1992 , 4, 652-654		105
25	Fractal interfaces and product generation in the two-dimensional mixing layer. <i>Physics of Fluids A, Fluid Dynamics</i> , 1991 , 3, 1261-1268		9
24	The minimal flow unit in near-wall turbulence. <i>Journal of Fluid Mechanics</i> , 1991 , 225, 213-240	3.7	706

23	The Role of Computation in Transition Research 1991 , 170-181		
22	Transition to turbulence in two-dimensional Poiseuille flow. <i>Journal of Fluid Mechanics</i> , 1990 , 218, 265	3.7	70
21	Boltzmann Approach to Lattice Gas Simulations. <i>Europhysics Letters</i> , 1989 , 9, 663-668	1.6	624
20	Linear stability of a non-symmetric, inviscid, K�m� street of small uniform vortices. <i>Journal of Fluid Mechanics</i> , 1988 , 189, 337-348	3.7	11
19	Ejection mechanisms in the sublayer of a turbulent channel. <i>Physics of Fluids</i> , 1988 , 31, 1311		27
18	Bifurcations and bursting in two-dimensional Poiseuille flow. <i>Physics of Fluids</i> , 1987 , 30, 3644		25
17	On the performance of particle tracking. <i>Journal of Fluid Mechanics</i> , 1987 , 185, 447-468	3.7	156
16	A boundary-layer analysis of Rayleigh-B�ard convection at large Rayleigh number. <i>Journal of Fluid Mechanics</i> , 1987 , 178, 53-71	3.7	22
15	On the linear stability of the inviscid K�m� vortex street. <i>Journal of Fluid Mechanics</i> , 1987 , 178, 177-194	3.7	23
14	A thinning algorithm based on contours. <i>Computer Vision, Graphics, and Image Processing</i> , 1987 , 39, 186-201		45
13	Approximate reconstruction of randomly sampled signals. <i>Signal Processing</i> , 1987 , 12, 153-168	4.4	4
12	Computer graphic display method for visualizing three-dimensional biological structures. <i>Science</i> , 1986 , 232, 1113-5	33.3	70
11	A perspective view of the plane mixing layer. <i>Journal of Fluid Mechanics</i> , 1985 , 152, 125-143	3.7	89
10	A spanwise structure in the plane shear layer. <i>Journal of Fluid Mechanics</i> , 1983 , 132, 319-336	3.7	108
9	Computer analysis of a high-speed film of the plane turbulent mixing layer. <i>Journal of Fluid Mechanics</i> , 1982 , 119, 323-345	3.7	83
8	Some Experiments in Image Vectorization. <i>IBM Journal of Research and Development</i> , 1982 , 26, 724-734	2.5	28
7	Hot-film sensors calibration drift in water. <i>Journal of Physics E: Scientific Instruments</i> , 1981 , 14, 569-572		2
6	Shear layer models and computer analysis of data 1981 , 41-61		3

5	On the visual growth of a turbulent mixing layer. <i>Journal of Fluid Mechanics</i> , 1980 , 96, 447-460	3.7	28
4	On the Origin and Evolution of Three Dimensional Effects in the Mixing Layer 1979 ,		10
3	Stability of a pair of co-rotating vortices. <i>Physics of Fluids</i> , 1975 , 18, 1580		52
2	Nonlinear gas oscillations in pipes. Part 1. Theory. <i>Journal of Fluid Mechanics</i> , 1973 , 59, 23-46	3.7	40
1	Dynamics of Wall-Bounded Turbulence 221-268		2