

# John Sheridan

## 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.

182  
papers

4,233  
citations

37  
h-index

55  
g-index

192  
ext. papers

4,989  
ext. citations

3.1  
avg, IF

5.78  
L-index

#	Paper	IF	Citations
182	Active control of flow over a backward-facing step at high Reynolds numbers. <i>International Journal of Heat and Fluid Flow</i> , <b>2022</b> , 93, 108891	2.4	0
181	Wake Flows of Highly Detailed Heavy Vehicles. <i>International Journal of Automotive Technology</i> , <b>2021</b> , 22, 1227-1243	1.6	
180	Aspect ratio and the dynamic wake of the Ahmed body. <i>Experimental Thermal and Fluid Science</i> , <b>2021</b> , 110457	3	2
179	Vibration reduction of a sphere through shear-layer control. <i>Journal of Fluids and Structures</i> , <b>2021</b> , 105, 103325	3.1	1
178	Study of the flow around railway embankment of different heights with and without trains. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2020</b> , 202, 104203	3.7	15
177	Influences of marshalling length on the flow structure of a maglev train. <i>International Journal of Heat and Fluid Flow</i> , <b>2020</b> , 85, 108604	2.4	11
176	Feedback control of flow-induced vibration of a sphere. <i>Journal of Fluid Mechanics</i> , <b>2020</b> , 889,	3.7	3
175	The impact of rails on high-speed train slipstream and wake. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2020</b> , 198, 104114	3.7	8
174	Aerodynamic Effects as a Maglev Train Passes Through a Noise Barrier. <i>Flow, Turbulence and Combustion</i> , <b>2020</b> , 105, 761-785	2.5	10
173	Phase dynamics of effective drag and lift components in vortex-induced vibration at low mass damping. <i>Journal of Fluids and Structures</i> , <b>2020</b> , 96, 103028	3.1	8
172	Effects of flapping-motion profiles on insect-wing aerodynamics. <i>Journal of Fluid Mechanics</i> , <b>2020</b> , 884,	3.7	8
171	Flow-induced vibration of a cube orientated at different incidence angles. <i>Journal of Fluids and Structures</i> , <b>2019</b> , 91, 102701	3.1	2
170	On the mechanism of symmetric vortex shedding. <i>Journal of Fluids and Structures</i> , <b>2019</b> , 91, 102706	3.1	3
169	The effect of mass ratio on the structural response of a freely vibrating square cylinder oriented at different angles of attack. <i>Journal of Fluids and Structures</i> , <b>2019</b> , 86, 200-212	3.1	16
168	Large amplitude cross-stream sphere vibration generated by applied rotational oscillation. <i>Journal of Fluids and Structures</i> , <b>2019</b> , 89, 156-165	3.1	2
167	Evolutionary shape optimisation enhances the lift coefficient of rotating wing geometries. <i>Journal of Fluid Mechanics</i> , <b>2019</b> , 868, 369-384	3.7	8
166	The influence of reduced Reynolds number on the wake of the DrivAer estate vehicle. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2019</b> , 188, 207-216	3.7	9

165	Siting Wind Turbines Near Cliffs: The Effect of Ruggedness. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , <b>2019</b> , 141,	2.1	2
164	A numerical model for the time-dependent wake of a pedalling cyclist. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , <b>2019</b> , 233, 514-525	0.7	3
163	Flow-Induced Vibration and Energy Harvesting Using Fully-Passive Flapping Foils. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , <b>2019</b> , 53-62	0.3	
162	Aspect ratio studies on insect wings. <i>Physics of Fluids</i> , <b>2019</b> , 31, 121301	4.4	16
161	Excitation and Damping Fluid Forces on a Cylinder Undergoing Vortex-Induced Vibration. <i>Frontiers in Physics</i> , <b>2019</b> , 7,	3.9	3
160	Uncoupling the effects of aspect ratio, Reynolds number and Rossby number on a rotating insect-wing planform. <i>Journal of Fluid Mechanics</i> , <b>2019</b> , 859, 921-948	3.7	18
159	An experimental characterisation of the wake of a detailed heavy vehicle in cross-wind. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2018</b> , 175, 364-375	3.7	16
158	The flow-induced vibration of an elliptical cross-section at varying angles of attack. <i>Journal of Fluids and Structures</i> , <b>2018</b> , 78, 356-373	3.1	15
157	Vortex-induced vibration of a rotating sphere. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 837, 258-292	3.7	31
156	The effect of the ground condition on high-speed train slipstream. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2018</b> , 172, 230-243	3.7	59
155	Characterisation of the wake of the DrivAer estate vehicle. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2018</b> , 177, 242-259	3.7	12
154	Branch/mode competition in the flow-induced vibration of a square cylinder. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2018</b> , 376,	3	12
153	The effect of angle of attack on flow-induced vibration of low-side-ratio rectangular cylinders. <i>Journal of Fluids and Structures</i> , <b>2018</b> , 82, 375-393	3.1	14
152	Experimental investigation of flow-induced vibration of a sinusoidally rotating circular cylinder. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 848, 430-466	3.7	15
151	The effect of bogies on high-speed train slipstream and wake. <i>Journal of Fluids and Structures</i> , <b>2018</b> , 83, 471-489	3.1	50
150	The leading-edge vortex on a rotating wing changes markedly beyond a certain central body size. <i>Royal Society Open Science</i> , <b>2018</b> , 5, 172197	3.3	7
149	The effect of imposed rotary oscillation on the flow-induced vibration of a sphere. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 855, 703-735	3.7	8
148	Damping effects on vortex-induced vibration of a circular cylinder and implications for power extraction. <i>Journal of Fluids and Structures</i> , <b>2018</b> , 81, 289-308	3.1	35

147	Experimental investigation of in-line flow-induced vibration of a rotating circular cylinder. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 847, 664-699	3.7	22
146	Vortex-induced vibrations of a sphere close to a free surface. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 846, 1023-1058	3.7	18
145	Characteristics of force coefficients and energy transfer for vortex shedding modes of a square cylinder subjected to inline excitation. <i>Journal of Fluids and Structures</i> , <b>2018</b> , 81, 270-288	3.1	4
144	The effect of tail geometry on the slipstream and unsteady wake structure of high-speed trains. <i>Experimental Thermal and Fluid Science</i> , <b>2017</b> , 83, 215-230	3	43
143	The performance of different turbulence models (URANS, SAS and DES) for predicting high-speed train slipstream. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2017</b> , 165, 46-57	3.7	84
142	Harnessing electrical power from vortex-induced vibration of a circular cylinder. <i>Journal of Fluids and Structures</i> , <b>2017</b> , 70, 360-373	3.1	34
141	The nature of the vortical structures in the near wake of the Ahmed body. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , <b>2017</b> , 231, 1239-1244	1.4	16
140	A wind-tunnel methodology for assessing the slipstream of high-speed trains. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2017</b> , 166, 1-19	3.7	29
139	Flow-induced vibration of two cylinders in tandem and staggered arrangements. <i>Journal of Fluid Mechanics</i> , <b>2017</b> , 833, 98-130	3.7	42
138	Experimental investigation of flow-induced vibration of a rotating circular cylinder. <i>Journal of Fluid Mechanics</i> , <b>2017</b> , 829, 486-511	3.7	36
137	Flow topology of a container train wagon subjected to varying local loading configurations. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2017</b> , 169, 12-29	3.7	15
136	Effect of radius of gyration on a wing rotating at low Reynolds number: A computational study. <i>Physical Review Fluids</i> , <b>2017</b> , 2,	2.8	11
135	On the near wake of a simplified heavy vehicle. <i>Journal of Fluids and Structures</i> , <b>2016</b> , 66, 293-314	3.1	30
134	An Analysis of the Wake of Pedalling Cyclists in a Tandem Formation. <i>Procedia Engineering</i> , <b>2016</b> , 147, 7-12		2
133	Flow field interactions between two tandem cyclists. <i>Experiments in Fluids</i> , <b>2016</b> , 57, 1	2.5	16
132	Dynamics of trailing vortices in the wake of a generic high-speed train. <i>Journal of Fluids and Structures</i> , <b>2016</b> , 65, 238-256	3.1	45
131	Dynamic leg-motion and its effect on the aerodynamic performance of cyclists. <i>Journal of Fluids and Structures</i> , <b>2016</b> , 65, 121-137	3.1	33
130	Impact of ground and wheel boundary conditions on numerical simulation of the high-speed train aerodynamic performance. <i>Journal of Fluids and Structures</i> , <b>2016</b> , 61, 249-261	3.1	87

129	Flow topology and unsteady features of the wake of a generic high-speed train. <i>Journal of Fluids and Structures</i> , <b>2016</b> , 61, 168-183	3.1	38
128	Numerical and Experimental Investigations of the Flow Around a High-Speed Train on an Embankment Under Side Wind Conditions. <i>Lecture Notes in Applied and Computational Mechanics</i> , <b>2016</b> , 113-130	0.3	0
127	Siting wind turbines near cliffs-the effect of wind direction. <i>Wind Energy</i> , <b>2016</b> , 19, 1469-1484	3.4	8
126	Near-body vorticity dynamics of a square cylinder subjected to an inline pulsatile free stream flow. <i>Physics of Fluids</i> , <b>2016</b> , 28, 093605	4.4	11
125	Passive heaving of elliptical cylinders with active pitching [From cylinders towards flapping foils. <i>Journal of Fluids and Structures</i> , <b>2016</b> , 67, 124-141	3.1	18
124	A Comparison of the Wake Structures of Scale and Full-scale Pedalling Cycling Models. <i>Procedia Engineering</i> , <b>2016</b> , 147, 13-19		5
123	Flow-induced deformation of a flexible thin structure as manifestation of heat transfer enhancement. <i>International Journal of Heat and Mass Transfer</i> , <b>2015</b> , 84, 1070-1081	4.9	65
122	The influence of a small upstream wire on transition in a rotating cylinder wake. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 769,	3.7	4
121	Aerodynamic drag interactions between cyclists in a team pursuit. <i>Sports Engineering</i> , <b>2015</b> , 18, 93-103	1.4	40
120	Effect of aspect ratio on the near-wake flow structure of an Ahmed body. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2015</b> , 147, 95-103	3.7	21
119	Moving model analysis of the slipstream and wake of a high-speed train. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2015</b> , 136, 127-137	3.7	72
118	A review of rotating cylinder wake transitions. <i>Journal of Fluids and Structures</i> , <b>2015</b> , 53, 2-14	3.1	49
117	Vortex separation and interaction in the wake of inclined trapezoidal plates. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 771, 341-369	3.7	4
116	Mutual inductance of two helical vortices. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 774, 298-310	3.7	21
115	Wind Tunnel Investigation of a Double Stacked Wagon in Free-Stream <b>2015</b> ,		1
114	Numerical analysis of periodic open-loop flow control on bluff bodies in ground proximity. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2015</b> , 145, 339-350	3.7	7
113	The effect of aspect ratio on the wake of the Ahmed body. <i>Experiments in Fluids</i> , <b>2015</b> , 56, 1	2.5	23
112	Aerodynamic performance and riding posture in road cycling and triathlon. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , <b>2015</b> , 229, 28-38	0.7	19

111	A device to achieve low Reynolds numbers in an open surface water channel. <i>Experiments in Fluids</i> , <b>2014</b> , 55, 1	2.5	1
110	Numerical analysis of bluff body wakes under periodic open-loop control. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 739, 94-123	3.7	19
109	The Effect of Spatial Position on the Aerodynamic Interactions between Cyclists. <i>Procedia Engineering</i> , <b>2014</b> , 72, 774-779		17
108	Wind tunnel analysis of the slipstream and wake of a high-speed train. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2014</b> , 134, 122-138	3.7	92
107	Surface flow visualisation over forward facing steps with varying yaw angle. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 555, 012086	0.3	4
106	Evolution and breakdown of helical vortex wakes behind a wind turbine. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 555, 012077	0.3	4
105	Flow topology in the wake of a cyclist and its effect on aerodynamic drag. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 748, 5-35	3.7	57
104	Fluid-structure interaction of a square cylinder at different angles of attack. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 747, 688-721	3.7	105
103	Low-Reynolds-number wakes of elliptical cylinders: from the circular cylinder to the normal flat plate. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 751, 570-600	3.7	64
102	Chaotic vortex induced vibrations. <i>Physics of Fluids</i> , <b>2014</b> , 26, 121702	4.4	29
101	Computational Fluid Dynamics Study of the Effect of Leg Position on Cyclist Aerodynamic Drag. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , <b>2014</b> , 136,	2.1	33
100	Linear stability analysis for an optimum Glauert rotor modelled by an actuator disc. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 524, 012150	0.3	
99	Efficiency improvement study for small wind turbines through flow control. <i>Sustainable Energy Technologies and Assessments</i> , <b>2014</b> , 7, 195-208	4.7	13
98	The role of advance ratio and aspect ratio in determining leading-edge vortex stability for flapping flight. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 751, 71-105	3.7	47
97	Airflow hazard prediction for helicopter flight in icing condition. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , <b>2014</b> , 228, 147-154	0.9	5
96	Modelling of adhesive bonding for aircraft structures applying the insertion squeeze flow method. <i>Composites Part B: Engineering</i> , <b>2013</b> , 50, 247-252	10	6
95	Characterisation of a horizontal axis wind turbine's tip and root vortices. <i>Experiments in Fluids</i> , <b>2013</b> , 54, 1	2.5	32
94	Relationship between aerodynamic forces, flow structures and wing camber for rotating insect wing planforms. <i>Journal of Fluid Mechanics</i> , <b>2013</b> , 730, 52-75	3.7	29

93	Validation of thermal equilibrium assumption in forced convection steady and pulsatile flows over a cylinder embedded in a porous channel. <i>International Communications in Heat and Mass Transfer</i> , <b>2013</b> , 43, 30-38	5.8	14
92	Reynolds number and aspect ratio effects on the leading-edge vortex for rotating insect wing planforms. <i>Journal of Fluid Mechanics</i> , <b>2013</b> , 717, 166-192	3.7	132
91	Air flow around the point of an arrow. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , <b>2013</b> , 227, 64-69	0.7	7
90	The interaction of helical tip and root vortices in a wind turbine wake. <i>Physics of Fluids</i> , <b>2013</b> , 25, 117102	4.4	50
89	From the circular cylinder to the flat plate wake: The variation of Strouhal number with Reynolds number for elliptical cylinders. <i>Physics of Fluids</i> , <b>2013</b> , 25, 101706	4.4	15
88	Experimental evidence of new three-dimensional modes in the wake of a rotating cylinder. <i>Journal of Fluid Mechanics</i> , <b>2013</b> , 734, 567-594	3.7	30
87	Development of a Wind Tunnel Test Section for Evaluation of Heavy Vehicle Aerodynamic Drag at a scale of 1:3. <i>SAE International Journal of Commercial Vehicles</i> , <b>2013</b> , 6, 522-528	1	6
86	Contribution of Add-On Components to the Aerodynamic Drag of a Cab-Over Truck-Trailer Combination Vehicle. <i>SAE International Journal of Commercial Vehicles</i> , <b>2013</b> , 6, 477-485	1	6
85	Analysis of forced convection heat transfer from a circular cylinder embedded in a porous medium. <i>International Journal of Thermal Sciences</i> , <b>2012</b> , 51, 121-131	4.1	14
84	Graphite flake self-retraction response based on potential seeking. <i>Nanoscale Research Letters</i> , <b>2012</b> , 7, 185	5	8
83	Numerical simulation of ice accretions on an aircraft wing. <i>Aerospace Science and Technology</i> , <b>2012</b> , 23, 296-304	4.9	37
82	A quasi-static investigation of the effect of leg position on cyclist aerodynamic drag. <i>Procedia Engineering</i> , <b>2012</b> , 34, 3-8		6
81	Effect of crosswinds and wheel selection on the aerodynamic behavior of a cyclist. <i>Procedia Engineering</i> , <b>2012</b> , 34, 20-25		20
80	Flow over a cylinder subjected to combined translational and rotational oscillations. <i>Journal of Fluids and Structures</i> , <b>2012</b> , 32, 135-145	3.1	15
79	Numerical simulation of parachute Fluid-Structure Interaction in terminal descent. <i>Science China Technological Sciences</i> , <b>2012</b> , 55, 3131-3141	3.5	8
78	Streamwise forced oscillations of circular and square cylinders. <i>Physics of Fluids</i> , <b>2012</b> , 24, 111703	4.4	11
77	Numerical and Experimental Investigation of the Effect of Multiple Rotating Cylinders on Base Pressure of a Three Dimensional Bluff Body in Ground Proximity <b>2012</b> ,		2
76	Dominant Flow Structures In The Wake of A Cyclist <b>2012</b> ,		4

75	The effect of porous media particle size on forced convection from a circular cylinder without assuming local thermal equilibrium between phases. <i>International Journal of Heat and Mass Transfer</i> , <b>2012</b> , 55, 3366-3378	4.9	30
74	Observations of Flow Structure Changes with Aspect Ratio for Rotating Insect Wing Planforms <b>2012</b> ,		6
73	The interaction between flow-induced vibration mechanisms of a square cylinder with varying angles of attack. <i>Journal of Fluid Mechanics</i> , <b>2012</b> , 710, 102-130	3.7	116
72	A thermistor-based instrument for measuring vehicle cooling airflow <b>2011</b> , 145-154		
71	Power-Spectral density estimate of the Bloor-Gerrard instability in flows around circular cylinders. <i>Experiments in Fluids</i> , <b>2011</b> , 50, 527-534	2.5	4
70	Strain engineering water transport in graphene nanochannels. <i>Physical Review E</i> , <b>2011</b> , 84, 056329	2.4	86
69	Friction of water slipping in carbon nanotubes. <i>Physical Review E</i> , <b>2011</b> , 83, 036316	2.4	62
68	Optimisation of Boat-Tails for Heavy Vehicles <b>2011</b> ,		3
67	Dynamic Sensitivity to Atmospheric Turbulence of Unmanned Air Vehicles with Varying Configuration. <i>Journal of Aircraft</i> , <b>2010</b> , 47, 1873-1883	1.6	16
66	Modification of three-dimensional transition in the wake of a rotationally oscillating cylinder. <i>Journal of Fluid Mechanics</i> , <b>2010</b> , 643, 349-362	3.7	20
65	FLOW FIELD AND TOPOLOGICAL ANALYSIS OF HEMISPHERICAL PARACHUTE IN LOW ANGLES OF ATTACK. <i>Modern Physics Letters B</i> , <b>2010</b> , 24, 1707-1725	1.6	3
64	Friction law for water flowing in carbon nanotubes <b>2010</b> ,		3
63	An overview of experiments on the dynamic sensitivity of MAVs to turbulence. <i>Aeronautical Journal</i> , <b>2010</b> , 114, 485-492	0.9	10
62	An experimental investigation of the recirculation zone formed downstream of a forward facing step. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2010</b> , 98, 888-894	3.7	87
61	Small is beautiful, and dry. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2010</b> , 53, 2245-2259	3.6	49
60	The three-dimensional wake of a cylinder undergoing a combination of translational and rotational oscillation in a quiescent fluid. <i>Physics of Fluids</i> , <b>2009</b> , 21, 064101	4.4	12
59	Flow behind a cylinder forced by a combination of oscillatory translational and rotational motions. <i>Physics of Fluids</i> , <b>2009</b> , 21, 051701	4.4	15
58	Engineering imaging: using particle image velocimetry to see physiology in a new light. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2009</b> , 36, 238-47	3	11



57	Dynamic Sensitivity to Atmospheric Turbulence of a Fixed-Wing MAV with Varying Configuration <b>2009</b> ,		1
56	Numerical simulation of fluid-structure interaction in the opening process of conical parachute. <i>Aeronautical Journal</i> , <b>2009</b> , 113, 165-175	0.9	
55	Numerical simulation of fluid-structure interaction in the opening process of conical parachute. <i>Aeronautical Journal</i> , <b>2009</b> , 113, 191-200	0.9	2
54	Global frequency selection in the observed time-mean wakes of circular cylinders. <i>Journal of Fluid Mechanics</i> , <b>2008</b> , 601, 425-441	3.7	19
53	Flowfield simulation and aerodynamic performance analysis of complex iced aerofoils with hybrid multi-block grid. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , <b>2008</b> , 222, 417-422	0.9	9
52	Numerical simulation of rime ice accretions on an aerofoil using an Eulerian method. <i>Aeronautical Journal</i> , <b>2008</b> , 112, 243-249	0.9	18
51	A bioreactor model of mouse tumor progression. <i>Journal of Biomedicine and Biotechnology</i> , <b>2007</b> , 2007, 32754		11
50	Digital readout manometer using an optical mouse. <i>European Journal of Physics</i> , <b>2007</b> , 28, N11-N16	0.8	6
49	Thermo-Fluid Mechanics of Fluid Injection and Refrigeration System Performance Improvement <b>2007</b> , 93		
48	Wake states of a tethered cylinder. <i>Journal of Fluid Mechanics</i> , <b>2007</b> , 592, 1-21	3.7	19
47	A fluid dynamics approach to bioreactor design for cell and tissue culture. <i>Biotechnology and Bioengineering</i> , <b>2006</b> , 94, 1196-208	4.9	62
46	The primary and secondary instabilities of flow generated by an oscillating circular cylinder. <i>Journal of Fluid Mechanics</i> , <b>2006</b> , 550, 359	3.7	50
45	Controlled oscillations of a cylinder: forces and wake modes. <i>Journal of Fluid Mechanics</i> , <b>2005</b> , 538, 31	3.7	98
44	Wake of forced flow around elliptical leading edge plates. <i>Journal of Fluids and Structures</i> , <b>2005</b> , 20, 157-176	3.7	7
43	Wake states and response branches of forced and freely oscillating cylinders. <i>European Journal of Mechanics, B/Fluids</i> , <b>2004</b> , 23, 89-97	2.4	24
42	Two-dimensional Floquet stability analysis of the flow produced by an oscillating circular cylinder in quiescent fluid. <i>European Journal of Mechanics, B/Fluids</i> , <b>2004</b> , 23, 99-106	2.4	26
41	Cylinder oscillations beneath a free-surface. <i>European Journal of Mechanics, B/Fluids</i> , <b>2004</b> , 23, 81-88	2.4	9
40	The Effect of Turbulence Intensity on Performance of a NACA4421 Airfoil Section <b>2004</b> ,		2

39	Controlled oscillations of a cylinder: a new wake state. <i>Journal of Fluids and Structures</i> , <b>2003</b> , 17, 337-343.	3.1	28
38	State selection in Taylor-vortex flow reached with an accelerated inner cylinder. <i>Journal of Fluid Mechanics</i> , <b>2003</b> , 489, 79-99	3.7	15
37	Particle image velocimetry and visualization of natural and forced flow around rectangular cylinders. <i>Journal of Fluid Mechanics</i> , <b>2003</b> , 478, 299-323	3.7	40
36	Frequency Analysis of Surface Pressures on an Airfoil After Stall <b>2003</b> ,		23
35	Experimental Study of a Tethered Cylinder in a Free Stream. <i>Fluid Mechanics and Its Applications</i> , <b>2003</b> , 125-133	0.2	
34	Vortex Forces on an Oscillating Cylinder <b>2002</b> , 275		
33	Experimental Assessment of CFD Predictions of Fascia Performance <b>2002</b> ,		5
32	Surface Roughness Effects on Circular Cylinders at High Reynolds Numbers <b>2002</b> , 187		
31	Response of base suction and vortex shedding from rectangular prisms to transverse forcing. <i>Journal of Fluid Mechanics</i> , <b>2002</b> , 461, 25-49	3.7	39
30	FORCES AND WAKE MODES OF AN OSCILLATING CYLINDER. <i>Journal of Fluids and Structures</i> , <b>2001</b> , 15, 523-532	3.1	108
29	Time Averaged and Unsteady Near-Wake Analysis of Cars <b>2001</b> ,		29
28	Simulation of Resin Film Infusion Process using Finite Element/Nodal Control Volume Approach. <i>Advanced Composites Letters</i> , <b>1999</b> , 8, 096369359900800	1.2	3
27	Bluff-body propulsion produced by combined rotary and translational oscillation. <i>Physics of Fluids</i> , <b>1999</b> , 11, 4-6	4.4	13
26	ON THE NEAR-WAKE TOPOLOGY OF AN OSCILLATING CYLINDER. <i>Journal of Fluids and Structures</i> , <b>1998</b> , 12, 215-220	3.1	11
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20	Shear layer vortices and longitudinal vortices in the near wake of a circular cylinder. <i>Experimental Thermal and Fluid Science</i> , <b>1996</b> , 12, 169-174	3	31
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18	Three-dimensional instabilities in the wake of a circular cylinder. <i>Experimental Thermal and Fluid Science</i> , <b>1996</b> , 12, 190-196	3	168
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