

# John Sheridan

## List of Publications by Year in descending order

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191  
papers

5,741  
citations

66315

42  
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102432

66  
g-index

192  
all docs

192  
docs citations

192  
times ranked

2794  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aspect ratio and the dynamic wake of the Ahmed body. <i>Experimental Thermal and Fluid Science</i> , 2022, 130, 110457.	1.5	9
2	Active control of flow over a backward-facing step at high Reynolds numbers. <i>International Journal of Heat and Fluid Flow</i> , 2022, 93, 108891.	1.1	3
3	The double backward-facing step: interaction of multiple separated flow regions. <i>Journal of Fluid Mechanics</i> , 2022, 936, .	1.4	4
4	An IDDES study of the near-wake flow topology of a simplified heavy vehicle. <i>Transportation Safety and Environment</i> , 2022, 4, .	1.1	13
5	Wake Flows of Highly Detailed Heavy Vehicles. <i>International Journal of Automotive Technology</i> , 2021, 22, 1227-1243.	0.7	0
6	Vibration reduction of a sphere through shear-layer control. <i>Journal of Fluids and Structures</i> , 2021, 105, 103325.	1.5	3
7	Effects of flapping-motion profiles on insect-wing aerodynamics. <i>Journal of Fluid Mechanics</i> , 2020, 884, .	1.4	19
8	Study of the flow around railway embankment of different heights with and without trains. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 202, 104203.	1.7	30
9	Influences of marshalling length on the flow structure of a maglev train. <i>International Journal of Heat and Fluid Flow</i> , 2020, 85, 108604.	1.1	25
10	Feedback control of flow-induced vibration of a sphere. <i>Journal of Fluid Mechanics</i> , 2020, 889, .	1.4	9
11	The impact of rails on high-speed train slipstream and wake. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 198, 104114.	1.7	14
12	Aerodynamic Effects as a Maglev Train Passes Through a Noise Barrier. <i>Flow, Turbulence and Combustion</i> , 2020, 105, 761-785.	1.4	17
13	Phase dynamics of effective drag and lift components in vortex-induced vibration at low massâ€damping. <i>Journal of Fluids and Structures</i> , 2020, 96, 103028.	1.5	18
14	Siting Wind Turbines Near Cliffs: The Effect of Ruggedness. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2019, 141, .	0.8	2
15	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> , 2019, 233, 514-525.	0.4	4
16	Flow-induced vibration of a cube orientated at different incidence angles. <i>Journal of Fluids and Structures</i> , 2019, 91, 102701.	1.5	2
17	On the mechanism of symmetric vortex shedding. <i>Journal of Fluids and Structures</i> , 2019, 91, 102706.	1.5	4
18	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> , 2019, 86, 200-212.	1.5	30

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19	Large amplitude cross-stream sphere vibration generated by applied rotational oscillation. Journal of Fluids and Structures, 2019, 89, 156-165.	1.5	4
20	Evolutionary shape optimisation enhances the lift coefficient of rotating wing geometries. Journal of Fluid Mechanics, 2019, 868, 369-384.	1.4	12
21	The influence of reduced Reynolds number on the wake of the DrivAer estate vehicle. Journal of Wind Engineering and Industrial Aerodynamics, 2019, 188, 207-216.	1.7	15
22	Aspect ratio studies on insect wings. Physics of Fluids, 2019, 31, .	1.6	32
23	Excitation and Damping Fluid Forces on a Cylinder Undergoing Vortex-Induced Vibration. Frontiers in Physics, 2019, 7, .	1.0	5
24	Uncoupling the effects of aspect ratio, Reynolds number and Rossby number on a rotating insect-wing planform. Journal of Fluid Mechanics, 2019, 859, 921-948.	1.4	37
25	Flow-Induced Vibration and Energy Harvesting Using Fully-Passive Flapping Foils. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2019, , 53-62.	0.1	0
26	An experimental characterisation of the wake of a detailed heavy vehicle in cross-wind. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 175, 364-375.	1.7	24
27	The flow-induced vibration of an elliptical cross-section at varying angles of attack. Journal of Fluids and Structures, 2018, 78, 356-373.	1.5	26
28	Vortex-induced vibration of a rotating sphere. Journal of Fluid Mechanics, 2018, 837, 258-292.	1.4	45
29	The effect of the ground condition on high-speed train slipstream. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 172, 230-243.	1.7	74
30	Characterisation of the wake of the DrivAer estate vehicle. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 177, 242-259.	1.7	17
31	The effect of bogies on high-speed train slipstream and wake. Journal of Fluids and Structures, 2018, 83, 471-489.	1.5	60
32	The leading-edge vortex on a rotating wing changes markedly beyond a certain central body size. Royal Society Open Science, 2018, 5, 172197.	1.1	16
33	The effect of imposed rotary oscillation on the flow-induced vibration of a sphere. Journal of Fluid Mechanics, 2018, 855, 703-735.	1.4	12
34	Damping effects on vortex-induced vibration of a circular cylinder and implications for power extraction. Journal of Fluids and Structures, 2018, 81, 289-308.	1.5	62
35	Experimental investigation of in-line flow-induced vibration of a rotating circular cylinder. Journal of Fluid Mechanics, 2018, 847, 664-699.	1.4	37
36	Vortex-induced vibrations of a sphere close to a free surface. Journal of Fluid Mechanics, 2018, 846, 1023-1058.	1.4	23

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37	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> , 2018, 81, 270-288.	1.5	5
38	Branch/mode competition in the flow-induced vibration of a square cylinder. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170243.	1.6	13
39	The effect of angle of attack on flow-induced vibration of low-side-ratio rectangular cylinders. <i>Journal of Fluids and Structures</i> , 2018, 82, 375-393.	1.5	26
40	Experimental investigation of flow-induced vibration of a sinusoidally rotating circular cylinder. <i>Journal of Fluid Mechanics</i> , 2018, 848, 430-466.	1.4	27
41	The effect of tail geometry on the slipstream and unsteady wake structure of high-speed trains. <i>Experimental Thermal and Fluid Science</i> , 2017, 83, 215-230.	1.5	52
42	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> , 2017, 165, 46-57.	1.7	118
43	Harnessing electrical power from vortex-induced vibration of a circular cylinder. <i>Journal of Fluids and Structures</i> , 2017, 70, 360-373.	1.5	56
44	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> , 2017, 231, 1239-1244.	1.1	20
45	A wind-tunnel methodology for assessing the slipstream of high-speed trains. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 166, 1-19.	1.7	39
46	Flow-induced vibration of two cylinders in tandem and staggered arrangements. <i>Journal of Fluid Mechanics</i> , 2017, 833, 98-130.	1.4	72
47	Experimental investigation of flow-induced vibration of a rotating circular cylinder. <i>Journal of Fluid Mechanics</i> , 2017, 829, 486-511.	1.4	60
48	Flow topology of a container train wagon subjected to varying local loading configurations. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2017, 169, 12-29.	1.7	21
49	Effect of radius of gyration on a wing rotating at low Reynolds number: A computational study. <i>Physical Review Fluids</i> , 2017, 2, .	1.0	16
50	Siting wind turbines near cliffs—the effect of wind direction. <i>Wind Energy</i> , 2016, 19, 1469-1484.	1.9	8
51	Near-body vorticity dynamics of a square cylinder subjected to an inline pulsatile free stream flow. <i>Physics of Fluids</i> , 2016, 28, .	1.6	13
52	Passive heaving of elliptical cylinders with active pitching — From cylinders towards flapping foils. <i>Journal of Fluids and Structures</i> , 2016, 67, 124-141.	1.5	25
53	A Comparison of the Wake Structures of Scale and Full-scale Pedalling Cycling Models. <i>Procedia Engineering</i> , 2016, 147, 13-19.	1.2	7
54	On the near wake of a simplified heavy vehicle. <i>Journal of Fluids and Structures</i> , 2016, 66, 293-314.	1.5	43

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55	An Analysis of the Wake of Pedalling Cyclists in a Tandem Formation. <i>Procedia Engineering</i> , 2016, 147, 7-12.	1.2	3
56	Flow field interactions between two tandem cyclists. <i>Experiments in Fluids</i> , 2016, 57, 1.	1.1	20
57	Dynamics of trailing vortices in the wake of a generic high-speed train. <i>Journal of Fluids and Structures</i> , 2016, 65, 238-256.	1.5	67
58	Dynamic leg-motion and its effect on the aerodynamic performance of cyclists. <i>Journal of Fluids and Structures</i> , 2016, 65, 121-137.	1.5	46
59	Impact of ground and wheel boundary conditions on numerical simulation of the high-speed train aerodynamic performance. <i>Journal of Fluids and Structures</i> , 2016, 61, 249-261.	1.5	106
60	Flow topology and unsteady features of the wake of a generic high-speed train. <i>Journal of Fluids and Structures</i> , 2016, 61, 168-183.	1.5	58
61	Vortex separation and interaction in the wake of inclined trapezoidal plates. <i>Journal of Fluid Mechanics</i> , 2015, 771, 341-369.	1.4	9
62	Mutual inductance of two helical vortices. <i>Journal of Fluid Mechanics</i> , 2015, 774, 298-310.	1.4	28
63	Wind Tunnel Investigation of a Double Stacked Wagon in Free-Stream. , 2015, , .		1
64	Numerical analysis of periodic open-loop flow control on bluff bodies in ground proximity. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015, 145, 339-350.	1.7	7
65	The effect of aspect ratio on the wake of the Ahmed body. <i>Experiments in Fluids</i> , 2015, 56, 1.	1.1	40
66	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> , 2015, 229, 28-38.	0.4	26
67	Flow-induced deformation of a flexible thin structure as manifestation of heat transfer enhancement. <i>International Journal of Heat and Mass Transfer</i> , 2015, 84, 1070-1081.	2.5	91
68	The influence of a small upstream wire on transition in a rotating cylinder wake. <i>Journal of Fluid Mechanics</i> , 2015, 769, .	1.4	6
69	Aerodynamic drag interactions between cyclists in a team pursuit. <i>Sports Engineering</i> , 2015, 18, 93-103.	0.5	53
70	Effect of aspect ratio on the near-wake flow structure of an Ahmed body. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015, 147, 95-103.	1.7	32
71	Moving model analysis of the slipstream and wake of a high-speed train. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015, 136, 127-137.	1.7	100
72	A review of rotating cylinder wake transitions. <i>Journal of Fluids and Structures</i> , 2015, 53, 2-14.	1.5	77

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73	Chaotic vortex induced vibrations. <i>Physics of Fluids</i> , 2014, 26, .	1.6	36
74	Computational Fluid Dynamics Study of the Effect of Leg Position on Cyclist Aerodynamic Drag. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2014, 136, .	0.8	39
75	Flow-Induced Vibration of an Elastically-Mounted Cylinder Undergoing Forced Rotation. , 2014, , .		0
76	Linear stability analysis for an optimum Glauert rotor modelled by an actuator disc. <i>Journal of Physics: Conference Series</i> , 2014, 524, 012150.	0.3	0
77	Efficiency improvement study for small wind turbines through flow control. <i>Sustainable Energy Technologies and Assessments</i> , 2014, 7, 195-208.	1.7	19
78	The role of advance ratio and aspect ratio in determining leading-edge vortex stability for flapping flight. <i>Journal of Fluid Mechanics</i> , 2014, 751, 71-105.	1.4	59
79	Airflow hazard prediction for helicopter flight in icing condition. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2014, 228, 147-154.	0.7	7
80	A device to achieve low Reynolds numbers in an open surface water channel. <i>Experiments in Fluids</i> , 2014, 55, 1.	1.1	1
81	Numerical analysis of bluff body wakes under periodic open-loop control. <i>Journal of Fluid Mechanics</i> , 2014, 739, 94-123.	1.4	25
82	The Effect of Spatial Position on the Aerodynamic Interactions between Cyclists. <i>Procedia Engineering</i> , 2014, 72, 774-779.	1.2	23
83	Wind tunnel analysis of the slipstream and wake of a high-speed train. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2014, 134, 122-138.	1.7	122
84	Surface flow visualisation over forward facing steps with varying yaw angle. <i>Journal of Physics: Conference Series</i> , 2014, 555, 012086.	0.3	4
85	Evolution and breakdown of helical vortex wakes behind a wind turbine. <i>Journal of Physics: Conference Series</i> , 2014, 555, 012077.	0.3	5
86	Flow topology in the wake of a cyclist and its effect on aerodynamic drag. <i>Journal of Fluid Mechanics</i> , 2014, 748, 5-35.	1.4	68
87	Fluid-structure interaction of a square cylinder at different angles of attack. <i>Journal of Fluid Mechanics</i> , 2014, 747, 688-721.	1.4	160
88	Low-Reynolds-number wakes of elliptical cylinders: from the circular cylinder to the normal flat plate. <i>Journal of Fluid Mechanics</i> , 2014, 751, 570-600.	1.4	98
89	Modelling of adhesive bonding for aircraft structures applying the insertion squeeze flow method. <i>Composites Part B: Engineering</i> , 2013, 50, 247-252.	5.9	11
90	Characterisation of a horizontal axis wind turbine's tip and root vortices. <i>Experiments in Fluids</i> , 2013, 54, 1.	1.1	44

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91	Relationship between aerodynamic forces, flow structures and wing camber for rotating insect wing planforms. <i>Journal of Fluid Mechanics</i> , 2013, 730, 52-75.	1.4	34
92	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> , 2013, 43, 30-38.	2.9	21
93	Reynolds number and aspect ratio effects on the leading-edge vortex for rotating insect wing planforms. <i>Journal of Fluid Mechanics</i> , 2013, 717, 166-192.	1.4	165
94	Identification of Dynamics of Surface Suction Over an Airfoil at Low Reynolds Numbers. , 2013, , .		0
95	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> , 2013, 227, 64-69.	0.4	8
96	The interaction of helical tip and root vortices in a wind turbine wake. <i>Physics of Fluids</i> , 2013, 25, .	1.6	64
97	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> , 2013, 25, .	1.6	21
98	Experimental evidence of new three-dimensional modes in the wake of a rotating cylinder. <i>Journal of Fluid Mechanics</i> , 2013, 734, 567-594.	1.4	44
99	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> , 2013, 6, 522-528.	0.4	10
100	Observations of Flow Structure Changes with Aspect Ratio for Rotating Insect Wing Planforms. , 2012, , .		6
101	Flow Characteristics of a Three Dimensional Bluff Body With a Single Rotating Cylinder. , 2012, , .		1
102	The interaction between flow-induced vibration mechanisms of a square cylinder with varying angles of attack. <i>Journal of Fluid Mechanics</i> , 2012, 710, 102-130.	1.4	165
103	Numerical simulation of ice accretions on an aircraft wing. <i>Aerospace Science and Technology</i> , 2012, 23, 296-304.	2.5	54
104	A quasi-static investigation of the effect of leg position on cyclist aerodynamic drag. <i>Procedia Engineering</i> , 2012, 34, 3-8.	1.2	7
105	Effect of crosswinds and wheel selection on the aerodynamic behavior of a cyclist. <i>Procedia Engineering</i> , 2012, 34, 20-25.	1.2	26
106	Flow over a cylinder subjected to combined translational and rotational oscillations. <i>Journal of Fluids and Structures</i> , 2012, 32, 135-145.	1.5	18
107	Numerical simulation of parachute Fluid-Structure Interaction in terminal descent. <i>Science China Technological Sciences</i> , 2012, 55, 3131-3141.	2.0	9
108	Streamwise forced oscillations of circular and square cylinders. <i>Physics of Fluids</i> , 2012, 24, .	1.6	15

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109	Numerical and Experimental Investigation of the Effect of Multiple Rotating Cylinders on Base Pressure of a Three Dimensional Bluff Body in Ground Proximity. , 2012, , .		2
110	Dominant Flow Structures In The Wake of A Cyclist. , 2012, , .		4
111	The effect of porous media particle size on forced convection from a circular cylinder without assuming local thermal equilibrium between phases. International Journal of Heat and Mass Transfer, 2012, 55, 3366-3378.	2.5	37
112	Analysis of forced convection heat transfer from a circular cylinder embedded in a porous medium. International Journal of Thermal Sciences, 2012, 51, 121-131.	2.6	24
113	Graphite flake self-retraction response based on potential seeking. Nanoscale Research Letters, 2012, 7, 185.	3.1	9
114	A thermistor-based instrument for measuring vehicle cooling airflow. , 2011, , 145-154.		0
115	Power-Spectral density estimate of the Bloor-Gerrard instability in flows around circular cylinders. Experiments in Fluids, 2011, 50, 527-534.	1.1	7
116	Strain engineering water transport in graphene nanochannels. Physical Review E, 2011, 84, 056329.	0.8	101
117	Friction of water slipping in carbon nanotubes. Physical Review E, 2011, 83, 036316.	0.8	80
118	Optimisation of Boat-Tails for Heavy Vehicles. , 2011, , .		5
119	An overview of experiments on the dynamic sensitivity of MAVs to turbulence. Aeronautical Journal, 2010, 114, 485-492.	1.1	16
120	Time-dependent fluid flow and heat transfer around a circular heated cylinder embedded in a horizontal packed bed of spheres. AIP Conference Proceedings, 2010, , .	0.3	1
121	An Experimental Study of the Near-Wake Structure of a Cylinder Undergoing Combined Translational and Rotational Oscillatory Motions. , 2010, , .		0
122	An experimental investigation of the recirculation zone formed downstream of a forward facing step. Journal of Wind Engineering and Industrial Aerodynamics, 2010, 98, 888-894.	1.7	111
123	Small is beautiful, and dry. Science China: Physics, Mechanics and Astronomy, 2010, 53, 2245-2259.	2.0	54
124	Dynamic Sensitivity to Atmospheric Turbulence of Unmanned Air Vehicles with Varying Configuration. Journal of Aircraft, 2010, 47, 1873-1883.	1.7	19
125	Modification of three-dimensional transition in the wake of a rotationally oscillating cylinder. Journal of Fluid Mechanics, 2010, 643, 349-362.	1.4	28
126	FLOW FIELD AND TOPOLOGICAL ANALYSIS OF HEMISPHERICAL PARACHUTE IN LOW ANGLES OF ATTACK. Modern Physics Letters B, 2010, 24, 1707-1725.	1.0	3



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127	Friction law for water flowing in carbon nanotubes. , 2010, , .		3
128	The Effect of Oscillatory Boat-Tail Flaps on the Near Wake of a Prototypical Heavy Vehicle. , 2010, , .		1
129	The three-dimensional wake of a cylinder undergoing a combination of translational and rotational oscillation in a quiescent fluid. Physics of Fluids, 2009, 21, .	1.6	13
130	Flow behind a cylinder forced by a combination of oscillatory translational and rotational motions. Physics of Fluids, 2009, 21, .	1.6	17
131	ENGINEERING IMAGING: USING PARTICLE IMAGE VELOCIMETRY TO SEE PHYSIOLOGY IN A NEW LIGHT. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 238-247.	0.9	15
132	Dynamic Sensitivity to Atmospheric Turbulence of a Fixed-Wing MAV with Varying Configuration. , 2009, , .		1
133	Numerical simulation of fluid-structure interaction in the opening process of conical parachute. Aeronautical Journal, 2009, 113, 165-175.	1.1	0
134	Numerical simulation of fluid-structure interaction in the opening process of conical parachute. Aeronautical Journal, 2009, 113, 191-200.	1.1	2
135	Global frequency selection in the observed time-mean wakes of circular cylinders. Journal of Fluid Mechanics, 2008, 601, 425-441.	1.4	21
136	Flowfield simulation and aerodynamic performance analysis of complex iced aerofoils with hybrid multi-block grid. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2008, 222, 417-422.	0.7	13
137	Numerical simulation of rime ice accretions on an aerofoil using an Eulerian method. Aeronautical Journal, 2008, 112, 243-249.	1.1	21
138	Digital readout manometer using an optical mouse. European Journal of Physics, 2007, 28, N11-N16.	0.3	8
139	Thermo-Fluid Mechanics of Fluid Injection and Refrigeration System Performance Improvement. , 2007, , 93.		0
140	Wake states of a tethered cylinder. Journal of Fluid Mechanics, 2007, 592, 1-21.	1.4	22
141	A Bioreactor Model of Mouse Tumor Progression. Journal of Biomedicine and Biotechnology, 2007, 1-9.	3.0	15
142	The primary and secondary instabilities of flow generated by an oscillating circular cylinder. Journal of Fluid Mechanics, 2006, 550, 359.	1.4	60
143	A fluid dynamics approach to bioreactor design for cell and tissue culture. Biotechnology and Bioengineering, 2006, 94, 1196-1208.	1.7	73
144	Wake of forced flow around elliptical leading edge plates. Journal of Fluids and Structures, 2005, 20, 157-176.	1.5	7

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145	Controlled oscillations of a cylinder: forces and wake modes. Journal of Fluid Mechanics, 2005, 538, 31.	1.4	125
146	Wake states and response branches of forced and freely oscillating cylinders. European Journal of Mechanics, B/Fluids, 2004, 23, 89-97.	1.2	30
147	Two-dimensional Floquet stability analysis of the flow produced by an oscillating circular cylinder in quiescent fluid. European Journal of Mechanics, B/Fluids, 2004, 23, 99-106.	1.2	31
148	Cylinder oscillations beneath a free-surface. European Journal of Mechanics, B/Fluids, 2004, 23, 81-88.	1.2	12
149	The Effect of Turbulence Intensity on Performance of a NACA4421 Airfoil Section. , 2004, , .		2
150	Controlled oscillations of a cylinder: a new wake state. Journal of Fluids and Structures, 2003, 17, 337-343.	1.5	37
151	State selection in Taylor-vortex flow reached with an accelerated inner cylinder. Journal of Fluid Mechanics, 2003, 489, 79-99.	1.4	18
152	Particle image velocimetry and visualization of natural and forced flow around rectangular cylinders. Journal of Fluid Mechanics, 2003, 478, 299-323.	1.4	62
153	Frequency Analysis of Surface Pressures on an Airfoil After Stall. , 2003, , .		30
154	Experimental Study of a Tethered Cylinder in a Free Stream. Fluid Mechanics and Its Applications, 2003, , 125-133.	0.1	0
155	Surface Roughness Effects on Circular Cylinders at High Reynolds Numbers. , 2002, , 187.		0
156	Response of base suction and vortex shedding from rectangular prisms to transverse forcing. Journal of Fluid Mechanics, 2002, 461, 25-49.	1.4	55
157	Vortex Forces on an Oscillating Cylinder. , 2002, , 275.		0
158	FORCES AND WAKE MODES OF AN OSCILLATING CYLINDER. Journal of Fluids and Structures, 2001, 15, 523-532.	1.5	136
159	Simulation of Resin Film Infusion Process using Finite Element/Nodal Control Volume Approach. Advanced Composites Letters, 1999, 8, 096369359900800.	1.3	4
160	Bluff-body propulsion produced by combined rotary and translational oscillation. Physics of Fluids, 1999, 11, 4-6.	1.6	19
161	ON THE NEAR-WAKE TOPOLOGY OF AN OSCILLATING CYLINDER. Journal of Fluids and Structures, 1998, 12, 215-220.	1.5	14
162	Flow past a cylinder close to a free surface. Journal of Fluid Mechanics, 1997, 330, 1-30.	1.4	118

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163	A spectral method for Taylor vortex flow and Taylor-Couette flow. , 1997, , .		0
164	The response of the separated shear layer from a cylinder to acoustic perturbations. , 1997, , .		1
165	THE WAKE OF AN ORBITING CYLINDER. Journal of Fluids and Structures, 1997, 11, 617-626.	1.5	5
166	Three-dimensional vortex structures in a cylinder wake. Journal of Fluid Mechanics, 1996, 312, 201-222.	1.4	83
167	CONTROLLED MOTION OF A CYLINDER THROUGH A FREE SURFACE: EFFECT OF DEPTH OF PENETRATION. Journal of Fluids and Structures, 1996, 10, 309-317.	1.5	2
168	Shear layer vortices and longitudinal vortices in the near wake of a circular cylinder. Experimental Thermal and Fluid Science, 1996, 12, 169-174.	1.5	36
169	Non-Newtonian flow over the trailing edge of an airfoil. Experimental Thermal and Fluid Science, 1996, 12, 244-249.	1.5	1
170	Three-dimensional instabilities in the wake of a circular cylinder. Experimental Thermal and Fluid Science, 1996, 12, 190-196.	1.5	204
171	Velocity Perturbations Induced by the Longitudinal Vortices in a Cylinder Wake. Journal of Fluids Engineering, Transactions of the ASME, 1996, 118, 531-536.	0.8	7
172	Near-wake of a perturbed, horizontal cylinder at a free-surface. Physics of Fluids, 1996, 8, 2107-2116.	1.6	8
173	Kármán vortex formation from a cylinder: Role of phase-locked Kelvin-Helmholtz vortices. Physics of Fluids, 1995, 7, 2288-2290.	1.6	24
174	Scaling of streamwise vortices in wakes. Physics of Fluids, 1995, 7, 2307-2309.	1.6	53
175	Metastable states of a cylinder wake adjacent to a free surface. Physics of Fluids, 1995, 7, 2099-2101.	1.6	31
176	Longitudinal vortex structures in a cylinder wake. Physics of Fluids, 1994, 6, 2883-2885.	1.6	27
177	An Experimental Investigation of Streamwise Vortices in the Wake of a Bluff Body. Journal of Fluids and Structures, 1994, 8, 621-625.	1.5	6
178	Spanwise wake structures of a circular cylinder and two circular cylinders in tandem. Experimental Thermal and Fluid Science, 1994, 9, 299-308.	1.5	38
179	An experimental investigation of streamwise vortices in the wake of a bluff body. Journal of Fluids and Structures, 1994, 8, 621-635.	1.5	53
180	Experimental investigation of vortex shedding from a plate: effect of external velocity perturbation. Journal of Wind Engineering and Industrial Aerodynamics, 1993, 49, 401-410.	1.7	3

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181	Base pressure coefficients for flows around rectangular plates. Journal of Wind Engineering and Industrial Aerodynamics, 1993, 49, 311-318.	1.7	10
182	The Kelvin-Helmholtz Instability of the Separated Shear Layer from a Circular Cylinder. , 1993, , 115-118.		16
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