

# Haecheon Choi

## List of Publications by Citations

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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.

139 papers	8,943 citations	46 h-index	93 g-index
147 ext. papers	10,354 ext. citations	3.7 avg, IF	6.37 L-index

#	Paper	IF	Citations
139	An Immersed-Boundary Finite-Volume Method for Simulations of Flow in Complex Geometries. <i>Journal of Computational Physics</i> , <b>2001</b> , 171, 132-150	4.1	804
138	Control of Flow Over a Bluff Body. <i>Annual Review of Fluid Mechanics</i> , <b>2008</b> , 40, 113-139	22	591
137	Active turbulence control for drag reduction in wall-bounded flows. <i>Journal of Fluid Mechanics</i> , <b>1994</b> , 262, 75-110	3.7	491
136	Direct numerical simulation of turbulent flow over riblets. <i>Journal of Fluid Mechanics</i> , <b>1993</b> , 255, 503	3.7	459
135	Effects of the Computational Time Step on Numerical Solutions of Turbulent Flow. <i>Journal of Computational Physics</i> , <b>1994</b> , 113, 1-4	4.1	402
134	Grid-point requirements for large eddy simulation: Chapman's estimates revisited. <i>Physics of Fluids</i> , <b>2012</b> , 24, 011702	4.4	293
133	Numerical solutions of flow past a circular cylinder at Reynolds numbers up to 160. <i>Journal of Mechanical Science and Technology</i> , <b>1998</b> , 12, 1200-1205		240
132	Control of laminar vortex shedding behind a circular cylinder using splitter plates. <i>Physics of Fluids</i> , <b>1996</b> , 8, 479-486	4.4	224
131	Laminar flow past a rotating circular cylinder. <i>Physics of Fluids</i> , <b>1999</b> , 11, 3312-3321	4.4	199
130	Drag reduction by polymer additives in a turbulent channel flow. <i>Journal of Fluid Mechanics</i> , <b>2003</b> , 486, 213-238	3.7	196
129	Immersed boundary method for flow around an arbitrarily moving body. <i>Journal of Computational Physics</i> , <b>2006</b> , 212, 662-680	4.1	162
128	Feedback control for unsteady flow and its application to the stochastic Burgers equation. <i>Journal of Fluid Mechanics</i> , <b>1993</b> , 253, 509	3.7	160
127	A Second-Order Time-Accurate Finite Volume Method for Unsteady Incompressible Flow on Hybrid Unstructured Grids. <i>Journal of Computational Physics</i> , <b>2000</b> , 162, 411-428	4.1	154
126	Suboptimal control of turbulent channel flow for drag reduction. <i>Journal of Fluid Mechanics</i> , <b>1998</b> , 358, 245-258	3.7	148
125	Distributed forcing of flow over a circular cylinder. <i>Physics of Fluids</i> , <b>2005</b> , 17, 033103	4.4	146
124	Direct numerical simulation of turbulent supercritical flows with heat transfer. <i>Physics of Fluids</i> , <b>2005</b> , 17, 105104	4.4	146
123	On the relation of near-wall streamwise vortices to wall skin friction in turbulent boundary layers. <i>Physics of Fluids A, Fluid Dynamics</i> , <b>1993</b> , 5, 3307-3309		140

122	On the space-time characteristics of wall-pressure fluctuations. <i>Physics of Fluids A, Fluid Dynamics</i> , <b>1990</b> , 2, 1450-1460		132
121	Very Large-Scale Structures and Their Effects on the Wall Shear-Stress Fluctuations in a Turbulent Channel Flow up to $Re_{\tau}640$ . <i>Journal of Fluids Engineering, Transactions of the ASME</i> , <b>2004</b> , 126, 835-843	2.1	121
120	An immersed-boundary finite-volume method for simulation of heat transfer in complex geometries. <i>Journal of Mechanical Science and Technology</i> , <b>2004</b> , 18, 1026-1035		118
119	Mechanism of drag reduction by dimples on a sphere. <i>Physics of Fluids</i> , <b>2006</b> , 18, 041702	4.4	117
118	Sources of spurious force oscillations from an immersed boundary method for moving-body problems. <i>Journal of Computational Physics</i> , <b>2011</b> , 230, 2677-2695	4.1	114
117	Suboptimal feedback control of vortex shedding at low Reynolds numbers. <i>Journal of Fluid Mechanics</i> , <b>1999</b> , 401, 123-156	3.7	113
116	Magnetohydrodynamic turbulent flow in a channel at low magnetic Reynolds number. <i>Journal of Fluid Mechanics</i> , <b>2001</b> , 439, 367-394	3.7	102
115	Vortical structures behind a sphere at subcritical Reynolds numbers. <i>Physics of Fluids</i> , <b>2006</b> , 18, 015102	4.4	98
114	Direct numerical simulation of turbulent thermal boundary layers. <i>Physics of Fluids</i> , <b>2000</b> , 12, 2555	4.4	98
113	Effects of uniform blowing or suction from a spanwise slot on a turbulent boundary layer flow. <i>Physics of Fluids</i> , <b>1999</b> , 11, 3095-3105	4.4	97
112	Aerodynamics of Heavy Vehicles. <i>Annual Review of Fluid Mechanics</i> , <b>2014</b> , 46, 441-468	22	96
111	Drag reduction in flow over a two-dimensional bluff body with a blunt trailing edge using a new passive device. <i>Journal of Fluid Mechanics</i> , <b>2006</b> , 563, 389	3.7	95
110	Characteristics of flow over a rotationally oscillating cylinder at low Reynolds number. <i>Physics of Fluids</i> , <b>2002</b> , 14, 2767-2777	4.4	89
109	A dynamic subgrid-scale eddy viscosity model with a global model coefficient. <i>Physics of Fluids</i> , <b>2006</b> , 18, 125109	4.4	85
108	Large eddy simulation of a circular jet: effect of inflow conditions on the near field. <i>Journal of Fluid Mechanics</i> , <b>2009</b> , 620, 383-411	3.7	80
107	Maximum drag reduction in a turbulent channel flow by polymer additives. <i>Journal of Fluid Mechanics</i> , <b>2003</b> , 492, 91-100	3.7	79
106	Instantaneous control of backward-facing step flows. <i>Applied Numerical Mathematics</i> , <b>1999</b> , 31, 133-158	2.5	78
105	Direct numerical simulation of turbulent channel flow with permeable walls. <i>Journal of Fluid Mechanics</i> , <b>2002</b> , 450, 259-285	3.7	74

104	A fractional four-step finite element formulation of the unsteady incompressible Navier-Stokes equations using SUPG and linear equal-order element methods. <i>Computer Methods in Applied Mechanics and Engineering</i> , <b>1997</b> , 143, 333-348	5.7	72
103	Discretization errors in large eddy simulation: on the suitability of centered and upwind-biased compact difference schemes. <i>Journal of Computational Physics</i> , <b>2004</b> , 198, 580-616	4.1	71
102	Active wall motions for skin-friction drag reduction. <i>Physics of Fluids</i> , <b>2000</b> , 12, 3301-3304	4.4	71
101	Laminar flow past a sphere rotating in the streamwise direction. <i>Journal of Fluid Mechanics</i> , <b>2002</b> , 461, 365-386	3.7	68
100	Direct numerical simulation of heated vertical air flows in fully developed turbulent mixed convection. <i>International Journal of Heat and Mass Transfer</i> , <b>2003</b> , 46, 1613-1627	4.9	56
99	Effect of spatial discretization schemes on numerical solutions of viscoelastic fluid flows. <i>Journal of Non-Newtonian Fluid Mechanics</i> , <b>2001</b> , 100, 27-47	2.7	56
98	Aerodynamic characteristics of flying fish in gliding flight. <i>Journal of Experimental Biology</i> , <b>2010</b> , 213, 3269-79	3	51
97	Active control of flow over a sphere for drag reduction at a subcritical Reynolds number. <i>Journal of Fluid Mechanics</i> , <b>2004</b> , 517, 113-129	3.7	51
96	On the steady simple shear flows of the one-mode Giesekus fluid. <i>Rheologica Acta</i> , <b>1989</b> , 28, 13-24	2.3	48
95	Immersed boundary methods for fluid-structure interaction: A review. <i>International Journal of Heat and Fluid Flow</i> , <b>2019</b> , 75, 301-309	2.4	46
94	Skin-friction generation by attached eddies in turbulent channel flow. <i>Journal of Fluid Mechanics</i> , <b>2016</b> , 808, 511-538	3.7	46
93	Mixing enhancement behind a backward-facing step using tabs. <i>Physics of Fluids</i> , <b>2007</b> , 19, 105103	4.4	43
92	A discrete-forcing immersed boundary method for the fluid-structure interaction of an elastic slender body. <i>Journal of Computational Physics</i> , <b>2015</b> , 280, 529-546	4.1	41
91	Sectional lift coefficient of a flapping wing in hovering motion. <i>Physics of Fluids</i> , <b>2010</b> , 22, 071703	4.4	40
90	Effects of large density variation on strongly heated internal air flows. <i>Physics of Fluids</i> , <b>2006</b> , 18, 075102	4.4	39
89	Control of Flow-Induced Noise Behind a Circular Cylinder Using Splitter Plates. <i>AIAA Journal</i> , <b>1998</b> , 36, 1961-1967	2.1	39
88	Space-time characteristics of the wall shear-stress fluctuations in a low-Reynolds-number channel flow. <i>Physics of Fluids</i> , <b>1999</b> , 11, 3084-3094	4.4	39
87	Suboptimal feedback control of turbulent flow over a backward-facing step. <i>Journal of Fluid Mechanics</i> , <b>2002</b> , 463, 201-227	3.7	38

86	On the effect of riblets in fully developed laminar channel flows. <i>Physics of Fluids A, Fluid Dynamics</i> , <b>1991</b> , 3, 1892-1896		38
85	Stabilization of absolute instability in spanwise wavy two-dimensional wakes. <i>Journal of Fluid Mechanics</i> , <b>2013</b> , 727, 346-378	3.7	37
84	Laminar convective heat transfer of a Bingham plastic in a circular pipe. Numerical approach hydrodynamically developing flow and simultaneously developing flow. <i>International Journal of Heat and Mass Transfer</i> , <b>1997</b> , 40, 3689-3701	4.9	37
83	Flow around a helically twisted elliptic cylinder. <i>Physics of Fluids</i> , <b>2016</b> , 28, 053602	4.4	37
82	Flow characteristics in a volute-type centrifugal pump using large eddy simulation. <i>International Journal of Heat and Fluid Flow</i> , <b>2018</b> , 72, 52-60	2.4	35
81	Dynamic global model for large eddy simulation of transient flow. <i>Physics of Fluids</i> , <b>2010</b> , 22, 075106	4.4	35
80	Control of absolute instability by basic-flow modification in a parallel wake at low Reynolds number. <i>Journal of Fluid Mechanics</i> , <b>2006</b> , 560, 465	3.7	33
79	The function of the alula in avian flight. <i>Scientific Reports</i> , <b>2015</b> , 5, 9914	4.9	30
78	Large eddy simulations of turbulent channel and boundary layer flows at high Reynolds number with mean wall shear stress boundary condition. <i>Physics of Fluids</i> , <b>2013</b> , 25, 110808	4.4	30
77	Scale interactions and spectral energy transfer in turbulent channel flow. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 854, 474-504	3.7	30
76	Laminar convective heat transfer of a Bingham plastic in a circular pipe. Analytical approach. Thermally fully developed flow and thermally developing flow (the Graetz problem extended). <i>International Journal of Heat and Mass Transfer</i> , <b>1997</b> , 40, 3025-3037	4.9	29
75	Vortex pairing in an axisymmetric jet using two-frequency acoustic forcing at low to moderate strouhal numbers. <i>Experiments in Fluids</i> , <b>1998</b> , 25, 305-315	2.5	29
74	Effects of the air layer of an idealized superhydrophobic surface on the slip length and skin-friction drag. <i>Journal of Fluid Mechanics</i> , <b>2016</b> , 790,	3.7	29
73	A weak-coupling immersed boundary method for fluid-structure interaction with low density ratio of solid to fluid. <i>Journal of Computational Physics</i> , <b>2018</b> , 359, 296-311	4.1	27
72	Inverse Magnus effect on a rotating sphere: when and why. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 754,	3.7	27
71	Space-time characteristics of a compliant wall in a turbulent channel flow. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 756, 30-53	3.7	26
70	Unsteady Simulation of Jets in a Cross Flow. <i>Journal of Computational Physics</i> , <b>1997</b> , 134, 342-356	4.1	26
69	Large Eddy Simulation of Flow and Heat Transfer in a Channel Roughened by Square or Semicircle Ribs. <i>Journal of Turbomachinery</i> , <b>2005</b> , 127, 263-269	1.8	26

68	Does the sailfish skin reduce the skin friction like the shark skin?. <i>Physics of Fluids</i> , <b>2008</b> , 20, 101510	4.4	25
67	Kinematic control of aerodynamic forces on an inclined flapping wing with asymmetric strokes. <i>Bioinspiration and Biomimetics</i> , <b>2012</b> , 7, 016008	2.6	24
66	Effect of free-stream turbulence on the flow over a sphere. <i>Physics of Fluids</i> , <b>2010</b> , 22, 045101	4.4	23
65	Active control of turbulent flow over a model vehicle for drag reduction. <i>Journal of Turbulence</i> , <b>2004</b> , 5,	2.1	23
64	Dissimilarity between the velocity and temperature fields in a perturbed turbulent thermal boundary layer. <i>Physics of Fluids</i> , <b>2001</b> , 13, 1466-1479	4.4	23
63	Predictions of the effective slip length and drag reduction with a lubricated micro-groove surface in a turbulent channel flow. <i>Journal of Fluid Mechanics</i> , <b>2019</b> , 874, 797-820	3.7	22
62	Laminar flow past a hemisphere. <i>Physics of Fluids</i> , <b>2003</b> , 15, 2457-2460	4.4	21
61	Optimal Shape Design of a Two-Dimensional Asymmetric Diffuser in Turbulent Flow. <i>AIAA Journal</i> , <b>2004</b> , 42, 1154-1169	2.1	21
60	Toward improved consistency of a priori tests with a posteriori tests in large eddy simulation. <i>Physics of Fluids</i> , <b>2005</b> , 17, 015103	4.4	19
59	A scaling law for the lift of hovering insects. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 782, 479-490	3.7	18
58	Aerodynamic Performance of a Gliding Swallowtail Butterfly Wing Model. <i>Experimental Mechanics</i> , <b>2010</b> , 50, 1313-1321	2.6	18
57	A modified fractional step method of keeping a constant mass flow rate in fully developed channel and pipe flows. <i>Journal of Mechanical Science and Technology</i> , <b>2000</b> , 14, 547-552		18
56	On the modification of the near-wall coherent structure in a three-dimensional turbulent boundary layer on a free rotating disk. <i>Physics of Fluids</i> , <b>1998</b> , 10, 2315-2322	4.4	18
55	Two-dimensional mechanism of hovering flight by single flapping wing. <i>Journal of Mechanical Science and Technology</i> , <b>2007</b> , 21, 207-221	1.6	17
54	Characteristics of laminar flow past a sphere in uniform shear. <i>Physics of Fluids</i> , <b>2005</b> , 17, 103602	4.4	17
53	A proportional-integral-differential control of flow over a circular cylinder. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2011</b> , 369, 1540-55	3	16
52	Large eddy simulation of flow and heat transfer in a rotating ribbed channel. <i>International Journal of Heat and Mass Transfer</i> , <b>2007</b> , 50, 4937-4947	4.9	16
51	Toward neural-network-based large eddy simulation: application to turbulent channel flow. <i>Journal of Fluid Mechanics</i> , <b>2021</b> , 914,	3.7	16

50	Hydrodynamic role of longitudinal dorsal ridges in a leatherback turtle swimming. <i>Scientific Reports</i> , <b>2016</b> , 6, 34283	4.9	15
49	Mechanism of drag reduction by a surface trip wire on a sphere. <i>Journal of Fluid Mechanics</i> , <b>2011</b> , 672, 411-427	3.7	15
48	A bio-inspired device for drag reduction on a three-dimensional model vehicle. <i>Bioinspiration and Biomimetics</i> , <b>2016</b> , 11, 026004	2.6	14
47	Hydrodynamic characteristics of the sailfish ( <i>Istiophorus platypterus</i> ) and swordfish ( <i>Xiphias gladius</i> ) in gliding postures at their cruise speeds. <i>PLoS ONE</i> , <b>2013</b> , 8, e81323	3.7	14
46	Experimental investigation of tip-leakage flow in an axial flow fan at various flow rates. <i>Journal of Mechanical Science and Technology</i> , <b>2019</b> , 33, 1271-1278	1.6	13
45	Effect of a casing fence on the tip-leakage flow of an axial flow fan. <i>International Journal of Heat and Fluid Flow</i> , <b>2019</b> , 77, 157-170	2.4	13
44	Vortical structures around a flexible oscillating panel for maximum thrust in a quiescent fluid. <i>Journal of Fluids and Structures</i> , <b>2016</b> , 67, 241-260	3.1	13
43	Flow-control approaches to drag reduction in aerodynamics: progress and prospects. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2011</b> , 369, 1349-51	3	13
42	Drag Reduction with a Sliding Wall in Flow over a Circular Cylinder. <i>AIAA Journal</i> , <b>2000</b> , 38, 715-717	2.1	12
41	Iterative Feedback Tuning of the Proportional-Integral-Differential Control of Flow Over a Circular Cylinder. <i>IEEE Transactions on Control Systems Technology</i> , <b>2019</b> , 27, 1385-1396	4.8	12
40	Resonance in Axisymmetric Jet Under Controlled Helical, Fundamental, and Axisymmetric Subharmonic Forcing. <i>AIAA Journal</i> , <b>2000</b> , 38, 434-441	2.1	11
39	Control of streamwise vortices with uniform magnetic fluxes. <i>Physics of Fluids</i> , <b>1998</b> , 10, 1997-2005	4.4	11
38	Control of laminar vortex shedding behind a circular cylinder using tabs. <i>Journal of Mechanical Science and Technology</i> , <b>2014</b> , 28, 1721-1725	1.6	10
37	Machine-learning-based feedback control for drag reduction in a turbulent channel flow. <i>Journal of Fluid Mechanics</i> , <b>2020</b> , 904,	3.7	10
36	Flight of a falling maple seed. <i>Physical Review Fluids</i> , <b>2017</b> , 2,	2.8	9
35	Flow structure modifications by leading-edge tubercles on a 3D wing. <i>Bioinspiration and Biomimetics</i> , <b>2018</b> , 13, 066011	2.6	9
34	Direct numerical simulation of a turbulent core-annular flow with water-lubricated high viscosity oil in a vertical pipe. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 849, 419-447	3.7	8
33	Illustration of Wing Deformation Effects in Three-Dimensional Flapping Flight. <i>AIAA Journal</i> , <b>2015</b> , 53, 2607-2620	2.1	8



32	Control of Flow Around an Airfoil Using Piezoceramic Actuators. <i>AIAA Journal</i> , <b>2002</b> , 40, 1008-1010	2.1	8
31	A numerical and theoretical study of the aerodynamic performance of a hovering rhinoceros beetle ( <i>Trypoxylus dichotomus</i> ). <i>Journal of Fluid Mechanics</i> , <b>2020</b> , 885,	3.7	8
30	Linear proportionalIntegral control for skin-friction reduction in a turbulent channel flow. <i>Journal of Fluid Mechanics</i> , <b>2017</b> , 814, 430-451	3.7	7
29	Aerodynamics of a golf ball with grooves. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , <b>2014</b> , 228, 233-241	0.7	6
28	A dynamic global subgrid-scale model for large eddy simulation of scalar transport in complex turbulent flows. <i>Journal of Mechanical Science and Technology</i> , <b>2012</b> , 26, 3803-3810	1.6	6
27	Modification of flow behind a circular cylinder by steady and time-periodic blowing. <i>Physics of Fluids</i> , <b>2021</b> , 33, 115126	4.4	6
26	Scaling law for the lift force of autorotating falling seeds at terminal velocity. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 835, 406-420	3.7	6
25	Characteristics of the alula in relation to wing and body size in the Laridae and Sternidae. <i>Animal Cells and Systems</i> , <b>2017</b> , 21, 63-69	2.3	5
24	Flow structures around a butterfly-shaped low-aspect-ratio wing. <i>Journal of Mechanical Science and Technology</i> , <b>2014</b> , 28, 2669-2675	1.6	5
23	Suboptimal feedback control of flow over a sphere. <i>International Journal of Heat and Fluid Flow</i> , <b>2010</b> , 31, 208-216	2.4	5
22	Sensitivity of global instability of spatially developing flow in weakly and fully nonlinear regimes. <i>Physics of Fluids</i> , <b>2008</b> , 20, 071703	4.4	5
21	Drag reduction on a three-dimensional model vehicle using a wire-to-plate DBD plasma actuator. <i>Experiments in Fluids</i> , <b>2020</b> , 61, 1	2.5	5
20	Control of flow around a low Reynolds number airfoil using longitudinal strips. <i>Physical Review Fluids</i> , <b>2018</b> , 3,	2.8	4
19	Control of flow-induced noise behind a circular cylinder using splitter plates. <i>AIAA Journal</i> , <b>1998</b> , 36, 1961-1967	4	
18	Effect of a localized time-periodic wall motion on a turbulent boundary layer flow. <i>Physics of Fluids</i> , <b>2003</b> , 15, 265-268	4.4	3
17	Optimal disturbances in the near-wall region of turbulent channel flows. <i>Physical Review Fluids</i> , <b>2016</b> , 1,	2.8	3
16	A zero-dimensional predictive model for the pressure drop in the stenotic coronary artery based on its geometric characteristics. <i>Journal of Biomechanics</i> , <b>2020</b> , 113, 110076	2.9	3
15	Control of Flow Separation in a Turbulent Boundary Layer Using Time-Periodic Forcing. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , <b>2016</b> , 138,	2.1	3



14	Effect of the spanwise computational domain size on the flow over a two-dimensional bluff body with spanwise periodic perturbations at low Reynolds number. <i>Computers and Fluids</i> , <b>2019</b> , 183, 102-106 <sup>2.8</sup>	3
13	Sectional lift coefficient of a rotating wing at low Reynolds numbers. <i>Journal of Mechanical Science and Technology</i> , <b>2015</b> , 29, 4775-4781	1.6 2
12	Boundary treatment for the unsteady surface velocity in an immersed boundary method. <i>Journal of Mechanical Science and Technology</i> , <b>2009</b> , 23, 2502-2506	1.6 2
11	Effect of local forcing on backward-facing step flow with laminar separation. <i>Journal of Turbulence</i> , <b>2007</b> , 8, N6	2.1 2
10	Combined effects of polymers and active blowing/suction on drag reduction. <i>Journal of Non-Newtonian Fluid Mechanics</i> , <b>2005</b> , 131, 53-58	2.7 2
9	Flow over a ski jumper in flight: Prediction of the aerodynamic force and flight posture with higher lift-to-drag ratio. <i>Journal of Biomechanics</i> , <b>2019</b> , 89, 78-84	2.9 1
8	Effects of pannus formation on the flow around a bileaflet mechanical heart valve. <i>PLoS ONE</i> , <b>2020</b> , 15, e0234341	3.7 1
7	A predictive model of the drag coefficient for a revolving wing at low Reynolds number. <i>Bioinspiration and Biomimetics</i> , <b>2018</b> , 13, 054001	2.6 1
6	Fluid-Structure Interactions of Large Amplitude Vibrations. <i>Lecture Notes in Mechanical Engineering</i> , <b>2019</b> , 191-198	0.4 1
5	Prediction of Sound from Flow over Circular Cylinder Using Modified Green Function. <i>AIAA Journal</i> , <b>2004</b> , 42, 2612-2615	2.1 1
4	Effect of body angle on the aerodynamics of a rhinoceros beetle: Smoke-wire visualization in a wind tunnel. <i>Journal of Mechanical Science and Technology</i> , <b>2020</b> , 34, 209-218	1.6 0
3	A predictive model of the drag coefficient of a circular cylinder. <i>Physics of Fluids</i> , <b>2021</b> , 33, 111702	4.4 0
2	Preface to Special Topic: Turbulence Physics and Control Papers from a Workshop in Honor of John Kim's 60th Birthday, Stanford, California, September 2007. <i>Physics of Fluids</i> , <b>2008</b> , 20, 101501	4.4
1	Large Eddy Simulation of a Free Circular Jet up to Re=100,000(Numerical Simulation). <i>The Proceedings of the International Conference on Jets Wakes and Separated Flows (ICJWSF)</i> , <b>2005</b> , 2005, 721-724	