

# Bernd Noack

## 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.

159  
papers

5,681  
citations

35  
h-index

72  
g-index

178  
ext. papers

7,152  
ext. citations

2.8  
avg, IF

6.41  
L-index

#	Paper	IF	Citations
159	Explorative gradient method for active drag reduction of the fluidic pinball and slanted Ahmed body. <i>Journal of Fluid Mechanics</i> , <b>2022</b> , 932,	3.7	3
158	Microparticle Transport and Sedimentation in a Rhythmically Expanding Alveolar Chip.. <i>Micromachines</i> , <b>2022</b> , 13,	3.3	2
157	Machine-learning flow control with few sensor feedback and measurement noise. <i>Physics of Fluids</i> , <b>2022</b> , 34, 047118	4.4	1
156	Active Flow Control Experiments on a High-Lift Configuration. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , <b>2021</b> , 77-90	0.3	0
155	Stabilization of the fluidic pinball with gradient-enriched machine learning control. <i>Journal of Fluid Mechanics</i> , <b>2021</b> , 917,	3.7	3
154	Transfer of internal energy fluctuation in compressible isotropic turbulence with vibrational non-equilibrium. <i>Journal of Fluid Mechanics</i> , <b>2021</b> , 919,	3.7	4
153	Galerkin force model for transient and post-transient dynamics of the fluidic pinball. <i>Journal of Fluid Mechanics</i> , <b>2021</b> , 918,	3.7	4
152	Cluster-based network modeling-From snapshots to complex dynamical systems. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	10
151	Coinciding local bifurcations in the Navier-Stokes equations. <i>Europhysics Letters</i> , <b>2021</b> , 135, 24002	1.6	0
150	Cluster-based network model. <i>Journal of Fluid Mechanics</i> , <b>2021</b> , 906,	3.7	13
149	Closed-Loop Drag Reduction Over a D-Shaped Body Via Coanda Actuation. <i>Lecture Notes in Mechanical Engineering</i> , <b>2021</b> , 243-248	0.4	
148	Artificial Intelligence Control of a Turbulent Jet. <i>Lecture Notes in Mechanical Engineering</i> , <b>2021</b> , 365-374	0.4	
147	Drag reduction of a D-shaped bluff-body using linear parameter varying control. <i>Physics of Fluids</i> , <b>2021</b> , 33, 077108	4.4	7
146	On closures for reduced order models: A spectrum of first-principle to machine-learned avenues. <i>Physics of Fluids</i> , <b>2021</b> , 33, 091301	4.4	17
145	Fast triple-parameter extremum seeking exemplified for jet control. <i>Experiments in Fluids</i> , <b>2020</b> , 61, 1	2.5	2
144	Artificial intelligence control of a turbulent jet. <i>Journal of Fluid Mechanics</i> , <b>2020</b> , 897,	3.7	23
143	Drag Reduction and Energy Saving by Spanwise Traveling Transversal Surface Waves for Flat Plate Flow. <i>Flow, Turbulence and Combustion</i> , <b>2020</b> , 105, 125-157	2.5	13

142	Vibrational relaxation in compressible isotropic turbulence with thermal nonequilibrium. <i>Physical Review Fluids</i> , <b>2020</b> , 5,	2.8	4
141	Actuation response model from sparse data for wall turbulence drag reduction. <i>Physical Review Fluids</i> , <b>2020</b> , 5,	2.8	8
140	Cartographing dynamic stall with machine learning. <i>Wind Energy Science</i> , <b>2020</b> , 5, 819-838	3.2	0
139	Optimization and sensitivity analysis of active drag reduction of a square-back Ahmed body using machine learning control. <i>Physics of Fluids</i> , <b>2020</b> , 32, 125117	4.4	12
138	Machine learning strategies applied to the control of a fluidic pinball. <i>Physics of Fluids</i> , <b>2020</b> , 32, 015108	4.4	24
137	Low-order model for successive bifurcations of the fluidic pinball. <i>Journal of Fluid Mechanics</i> , <b>2020</b> , 884,	3.7	23
136	Machine learning open-loop control of a mixing layer. <i>Physics of Fluids</i> , <b>2020</b> , 32, 111701	4.4	5
135	On the cavity-actuated supersonic mixing layer downstream a thick splitter plate. <i>Physics of Fluids</i> , <b>2020</b> , 32, 096102	4.4	7
134	Machine Learning for Fluid Mechanics. <i>Annual Review of Fluid Mechanics</i> , <b>2020</b> , 52, 477-508	2.2	523
133	Upstream actuation for bluff-body wake control driven by a genetically inspired optimization. <i>Journal of Fluid Mechanics</i> , <b>2020</b> , 893,	3.7	12
132	Closed-Loop Turbulence Control-From Human to Machine Learning (and Retour). <i>Lecture Notes in Mechanical Engineering</i> , <b>2019</b> , 23-32	0.4	6
131	Unstable Periodically Forced Navier-Stokes Solutions Towards Nonlinear First-Principle Reduced-Order Modeling of Actuator Performance. <i>Computational Methods in Applied Sciences (Springer)</i> , <b>2019</b> , 117-145	0.4	
130	Metric for attractor overlap. <i>Journal of Fluid Mechanics</i> , <b>2019</b> , 874, 720-755	3.7	10
129	Cluster-based feedback control of turbulent post-stall separated flows. <i>Journal of Fluid Mechanics</i> , <b>2019</b> , 875, 345-375	3.7	26
128	Drag reduction mechanisms of a car model at moderate yaw by bi-frequency forcing. <i>Physical Review Fluids</i> , <b>2019</b> , 4,	2.8	20
127	Reduced-Order Modeling of the Fluidic Pinball. <i>Springer Proceedings in Complexity</i> , <b>2019</b> , 205-213	0.3	1
126	Cluster-based network model for drag reduction mechanisms of an actuated turbulent boundary layer. <i>Proceedings in Applied Mathematics and Mechanics</i> , <b>2019</b> , 19, e201900219	0.2	2
125	Open- and closed loop control on a D-shaped bluff body equipped with Coanda actuation <b>2019</b> ,		1

124	Artificial intelligence control applied to drag reduction of the fluidic pinball. <i>Proceedings in Applied Mathematics and Mechanics</i> , <b>2019</b> , 19, e201900268	0.2	4
123	Sparse reduced-order modelling: sensor-based dynamics to full-state estimation. <i>Journal of Fluid Mechanics</i> , <b>2018</b> , 844, 459-490	3.7	86
122	Jet mixing optimization using machine learning control. <i>Experiments in Fluids</i> , <b>2018</b> , 59, 1	2.5	18
121	The need for prediction in feedback control of a mixing layer. <i>Fluid Dynamics Research</i> , <b>2018</b> , 50, 065514	1.2	5
120	Open- and closed-loop control investigations of unsteady Coanda actuation on a high-lift configuration <b>2018</b> ,		4
119	Cluster-based control of a separating flow over a smoothly contoured ramp. <i>Theoretical and Computational Fluid Dynamics</i> , <b>2017</b> , 31, 579-593	2.3	8
118	Forcing symmetry exchanges and flow reversals in turbulent wakes. <i>Journal of Fluid Mechanics</i> , <b>2017</b> , 829,	3.7	39
117	Machine Learning Control for Experimental Turbulent Flow Targeting the Reduction of a Recirculation Bubble <b>2017</b> ,		1
116	Drag reduction of a car model by linear genetic programming control. <i>Experiments in Fluids</i> , <b>2017</b> , 58, 1	2.5	34
115	Machine Learning Control Taming Nonlinear Dynamics and Turbulence. <i>Fluid Mechanics and Its Applications</i> , <b>2017</b> ,	0.2	72
114	Machine Learning Control (MLC). <i>Fluid Mechanics and Its Applications</i> , <b>2017</b> , 11-48	0.2	2
113	Taming Nonlinear Dynamics with MLC. <i>Fluid Mechanics and Its Applications</i> , <b>2017</b> , 93-120	0.2	2
112	Data-Driven Methods in Fluid Dynamics: Sparse Classification from Experimental Data <b>2017</b> , 323-342		20
111	On the need of mode interpolation for data-driven Galerkin models of a transient flow around a sphere. <i>Theoretical and Computational Fluid Dynamics</i> , <b>2017</b> , 31, 111-126	2.3	5
110	Effects of Unsteady Coanda Blowing on the Wake and Drag of a Simplified Blunt Vehicle <b>2017</b> , 365-373		
109	Prediction of dynamical systems by symbolic regression. <i>Physical Review E</i> , <b>2016</b> , 94, 012214	2.4	39
108	Numerical Investigation of Active Flow Control Around a Generic Truck A-Pillar. <i>Flow, Turbulence and Combustion</i> , <b>2016</b> , 97, 1235-1254	2.5	22
107	Bayesian cyclic networks, mutual information and reduced-order Bayesian inference <b>2016</b> ,		1

106	Closed-loop separation control over a sharp edge ramp using genetic programming. <i>Experiments in Fluids</i> , <b>2016</b> , 57, 1	2.5	24
105	From snapshots to modal expansions bridging low residuals and pure frequencies. <i>Journal of Fluid Mechanics</i> , <b>2016</b> , 802, 1-4	3.7	38
104	Reduced-order modelling of the flow around a high-lift configuration with unsteady Coanda blowing. <i>Journal of Fluid Mechanics</i> , <b>2016</b> , 800, 72-110	3.7	16
103	Frequency selection by feedback control in a turbulent shear flow. <i>Journal of Fluid Mechanics</i> , <b>2016</b> , 797, 247-283	3.7	20
102	Bluff body drag manipulation using pulsed jets and Coanda effect. <i>Journal of Fluid Mechanics</i> , <b>2016</b> , 805, 422-459	3.7	90
101	Recursive dynamic mode decomposition of transient and post-transient wake flows. <i>Journal of Fluid Mechanics</i> , <b>2016</b> , 809, 843-872	3.7	93
100	Modal energy flow analysis of a highly modulated wake behind a wall-mounted pyramid. <i>Journal of Fluid Mechanics</i> , <b>2016</b> , 798, 717-750	3.7	13
99	Resonances in the forced turbulent wake past a 3D blunt body. <i>Physics of Fluids</i> , <b>2016</b> , 28, 065104	4.4	28
98	Feedback control of bimodal wake dynamics. <i>Experiments in Fluids</i> , <b>2016</b> , 57, 1	2.5	38
97	Mixing Layer Manipulation Experiment. <i>Flow, Turbulence and Combustion</i> , <b>2015</b> , 94, 155-173	2.5	40
96	Cluster-based reduced-order modelling of the flow in the wake of a high speed train. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2015</b> , 145, 327-338	3.7	34
95	On long-term boundedness of Galerkin models. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 765, 325-352	3.7	34
94	Optimal nonlinear eddy viscosity in Galerkin models of turbulent flows. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 766, 337-367	3.7	35
93	Closed-loop separation control using machine learning. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 770, 442-457	3.7	123
92	MaxEnt analysis of a water distribution network in Canberra, ACT, Australia <b>2015</b> ,		2
91	Feedback stabilization of an oscillating vertical cylinder by POD Reduced-Order Model. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 574, 012137	0.3	2
90	Closed-Loop Turbulence Control: Progress and Challenges. <i>Applied Mechanics Reviews</i> , <b>2015</b> , 67,	8.6	241
89	Sensor-based estimation of the velocity in the wake of a low-aspect-ratio pyramid. <i>Experiments in Fluids</i> , <b>2015</b> , 56, 1	2.5	25

88	Active Flow Control for High Speed Jets with Large Window PIV. <i>Flow, Turbulence and Combustion</i> , <b>2015</b> , 94, 97-123	2.5	11
87	Cluster-based analysis of cycle-to-cycle variations: application to internal combustion engines. <i>Experiments in Fluids</i> , <b>2014</b> , 55, 1	2.5	17
86	An Optimal Model Identification for Oscillatory Dynamics with a Stable Limit Cycle. <i>Journal of Nonlinear Science</i> , <b>2014</b> , 24, 245-275	2.8	6
85	Model reduction using Dynamic Mode Decomposition. <i>Comptes Rendus - Mecanique</i> , <b>2014</b> , 342, 410-416	2.1	61
84	Closed-loop control of experimental shear flows using machine learning <b>2014</b> ,		24
83	Granger causality in wall-bounded turbulence. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 506, 012006	0.3	3
82	On the need for a nonlinear subscale turbulence term in POD models as exemplified for a high-Reynolds-number flow over an Ahmed body. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 747, 518-544	3.7	122
81	Cluster-based reduced-order modelling of a mixing layer. <i>Journal of Fluid Mechanics</i> , <b>2014</b> , 754, 365-414	3.7	149
80	Analysis of High Speed Jet Flow Physics with Time-Resolved PIV <b>2014</b> ,		6
79	Cluster-based reduced-order modelling of shear flows <b>2014</b> ,		4
78	Control of a three-dimensional blunt body wake using low and high frequency pulsed jets. <i>International Journal of Flow Control</i> , <b>2014</b> , 6, 61-74		16
77	Control Volume Analysis, Entropy Balance and the Entropy Production in Flow Systems. <i>Understanding Complex Systems</i> , <b>2014</b> , 129-162	0.4	1
76	Identification strategies for model-based control. <i>Experiments in Fluids</i> , <b>2013</b> , 54, 1	2.5	57
75	A hierarchy of maximum entropy closures for Galerkin systems of incompressible flows. <i>Computers and Mathematics With Applications</i> , <b>2013</b> , 65, 1558-1574	2.7	8
74	Low-dimensional modelling of high-Reynolds-number shear flows incorporating constraints from the Navier-Stokes equation. <i>Journal of Fluid Mechanics</i> , <b>2013</b> , 729, 285-308	3.7	117
73	Generalized phase average with applications to sensor-based flow estimation of the wall-mounted square cylinder wake. <i>Journal of Fluid Mechanics</i> , <b>2013</b> , 736, 316-350	3.7	54
72	Reduced Order Models for a High Speed Jet with Time-Resolved PIV <b>2013</b> ,		7
71	Maximum-entropy closure for a Galerkin model of an incompressible periodic wake. <i>Journal of Fluid Mechanics</i> , <b>2012</b> , 700, 187-213	3.7	19

70	On least-order flow representations for aerodynamics and aeroacoustics. <i>Journal of Fluid Mechanics</i> , <b>2012</b> , 697, 367-398	3.7	25
69	Bernoulli, Bode, and Budgie [Ask the Experts]. <i>IEEE Control Systems</i> , <b>2011</b> , 31, 18-23	2.9	3
68	Continuous Mode Interpolation between Multiple Operating and Boundary Conditions for Reduced Order Modelling of the Flow <b>2011</b> ,		5
67	Reduced-order models for closed-loop wake control. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2011</b> , 369, 1513-24	3	26
66	Control of Tollmien-Schlichting instabilities by finite distributed wall actuation. <i>Theoretical and Computational Fluid Dynamics</i> , <b>2011</b> , 25, 167-178	2.3	14
65	Adaptive Control in an Axial Turbofan: Model-Free Implementation with Short Response Time. <i>AIAA Journal</i> , <b>2011</b> , 49, 1429-1436	2.1	4
64	Reduced-Order Modelling for Flow Control. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , <b>2011</b> ,	0.6	115
63	Three-dimensional coherent structures in a swirling jet undergoing vortex breakdown: stability analysis and empirical mode construction. <i>Journal of Fluid Mechanics</i> , <b>2011</b> , 679, 383-414	3.7	24 <sup>0</sup>
62	On the Extraction of Long-living Features in Unsteady Fluid Flows. <i>Mathematics and Visualization</i> , <b>2011</b> , 115-126	0.6	12
61	Global Stability Analysis for Linear Dynamics. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , <b>2011</b> , 77-110	0.6	1
60	Galerkin Method for Nonlinear Dynamics. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , <b>2011</b> , 111-149	0.6	13
59	Galerkin Models Enhancements for Flow Control. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , <b>2011</b> , 151-252	0.6	7
58	Mean field representation of the natural and actuated cylinder wake. <i>Physics of Fluids</i> , <b>2010</b> , 22, 034102	4.4	45
57	Combination of Image Postprocessing Tools to Identify Coherent Structures of Premixed Flames. <i>AIAA Journal</i> , <b>2010</b> , 48, 1708-1720	2.1	5
56	Robust nonlinear control versus linear model predictive control of a bluff body wake <b>2010</b> ,		5
55	Transient dynamics of the flow around a NACA 0015 airfoil using fluidic vortex generators. <i>International Journal of Heat and Fluid Flow</i> , <b>2010</b> , 31, 450-459	2.4	28
54	Robust Control in Turbomachinery Configurations. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , <b>2010</b> , 187-201	0.3	6
53	Modeling the Fuel/Air Mixing to Control the Pressure Pulsations and NOx Emissions in a Lean Premixed Combustor. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , <b>2010</b> , 307-321	0.3	1

52	Turbulence Control Based on Reduced-Order Models and Nonlinear Control Design. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , <b>2010</b> , 341-356	0.3	7
51	Extraction of Coherent Structures from Natural and Actuated Flows. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , <b>2010</b> , 373-387	0.3	2
50	Optimal Boundary Control Problems Related to High-Lift Configurations. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , <b>2010</b> , 405-419	0.3	2
49	Turbulent Flow Modeling via Galerkin Method and Finite Time Thermodynamics. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , <b>2010</b> , 357-358	0.3	
48	Spatiotemporal Characterization of a Conical Swirler Flow Field Under Strong Forcing. <i>Journal of Engineering for Gas Turbines and Power</i> , <b>2009</b> , 131,	1.7	48
47	System reduction strategy for Galerkin models of fluid flows. <i>International Journal for Numerical Methods in Fluids</i> , <b>2009</b> , 63, n/a-n/a	1.9	7
46	Extensions of Extremum-Seeking Control to Improve the Aerodynamic Performance of Axial Turbomachines <b>2009</b> ,		20
45	A generalized mean-field model of the natural and high-frequency actuated flow around a high-lift configuration. <i>Journal of Fluid Mechanics</i> , <b>2009</b> , 623, 283-316	3.7	67
44	Reduced-Order Modelling of Turbulent Jets for Noise Control. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , <b>2009</b> , 3-27	0.3	13
43	Temporal-Harmonic Specific POD Mode Extraction <b>2008</b> ,		10
42	Fast Approximated POD for a Flat Plate Benchmark with a Time Varying Angle of Attack <b>2008</b> ,		3
41	A Finite-Time Thermodynamics of Unsteady Fluid Flows. <i>Journal of Non-Equilibrium Thermodynamics</i> , <b>2008</b> , 33,	3.8	46
40	Erratum to the article A Finite-Time Thermodynamics of Unsteady Fluid Flows <i>Journal of Non-Equilibrium Thermodynamics</i> , <b>2008</b> , 33,	3.8	4
39	Feedback shear layer control for bluff body drag reduction. <i>Journal of Fluid Mechanics</i> , <b>2008</b> , 608, 161-196	3.7	205
38	REDUCED ORDER GALERKIN MODELS OF FLOW AROUND NACA-0012 AIRFOIL. <i>Mathematical Modelling and Analysis</i> , <b>2008</b> , 13, 113-122	1.3	11
37	Reduced-order representation of turbulent jet flow and its noise source. <i>ESAIM: Proceedings and Surveys</i> , <b>2007</b> , 16, 33-50		5
36	Low Order Galerkin Models for the Actuated Flow Around 2-D Airfoils <b>2007</b> ,		8
35	Identifying Noisy and Quiet Modes in a Jet <b>2007</b> ,		13



34	Continuous Mode Interpolation for Control-Oriented Models of Fluid Flow <b>2007</b> , 260-278		15
33	Feedback Control Applied to the Bluff Body Wake <b>2007</b> , 369-390		19
32	Spatiotemporal Waveform Observers and Feedback in Shear Layer Control <b>2006</b> ,		6
31	Tuned POD Galerkin models for transient feedback regulation of the cylinder wake <b>2006</b> ,		14
30	A Reduced Order Galerkin Model for the Reacting Flame Holder <b>2006</b> ,		5
29	Generalized Mean-Field Model for Flow Control Using a Continuous Mode Interpolation <b>2006</b> ,		14
28	Control Oriented Models & Feedback Design in Fluid Flow Systems: A Review <b>2006</b> ,		2
27	The need for a pressure-term representation in empirical Galerkin models of incompressible shear flows. <i>Journal of Fluid Mechanics</i> , <b>2005</b> , 523, 339-365	3-7	216
26	Optimal mixing in recirculation zones. <i>Physics of Fluids</i> , <b>2004</b> , 16, 867-888	4-4	38
25	Low-Dimensional Models for Feedback Flow Control. Part I: Empirical Galerkin Models <b>2004</b> ,		41
24	Low-Dimensional Models for Feedback Flow Control. Part II: Control Design and Dynamic Estimation <b>2004</b> ,		28
23	A hierarchy of low-dimensional models for the transient and post-transient cylinder wake. <i>Journal of Fluid Mechanics</i> , <b>2003</b> , 497, 335-363	3-7	611
22	Model-based Coherent-structure Control of Turbulent Shear Flows Using Low-dimensional Vortex Models <b>2003</b> ,		16
21	Model-based Control of Vortex Shedding Using Low-dimensional Galerkin Models <b>2003</b> ,		58
20	On drag, Strouhal number and vortex-street structure. <i>Fluid Dynamics Research</i> , <b>2002</b> , 30, 379-399	1-2	53
19	Reduced-basis model for active separation control in a planar diffuser flow <b>2000</b> ,		10
18	On the flow around a circular cylinder. Part I: Laminar and transitional regime. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , <b>1999</b> , 79, 223-226	1	2
17	On the flow around a circular cylinder. Part II: Turbulent regime. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , <b>1999</b> , 79, 227-230	1	5

16	On the transition of the cylinder wake. <i>Physics of Fluids</i> , <b>1995</b> , 7, 779-794	4.4	300
15	Discrete shedding modes of the cylinder wake in a jet with a homogeneous core. <i>Physics of Fluids</i> , <b>1994</b> , 6, 2711-2715	4.4	8
14	A low-dimensional Galerkin method for the three-dimensional flow around a circular cylinder. <i>Physics of Fluids</i> , <b>1994</b> , 6, 124-143	4.4	91
13	A global stability analysis of the steady and periodic cylinder wake. <i>Journal of Fluid Mechanics</i> , <b>1994</b> , 270, 297-330	3.7	144
12	Discrete shedding modes in the von Kármán vortex street. <i>Physics of Fluids A, Fluid Dynamics</i> , <b>1993</b> , 5, 1846-1848		27
11	Three-dimensional stability analysis of the periodic flow around a circular cylinder. <i>Physics of Fluids A, Fluid Dynamics</i> , <b>1993</b> , 5, 1279-1281		18
10	Theoretical Investigation of the Cylinder Wake with a Low-Dimensional Galerkin Method <b>1993</b> , 143-146		1
9	On chaos in wakes. <i>Physica D: Nonlinear Phenomena</i> , <b>1992</b> , 56, 151-164	3.3	18
8	Construction and analysis of differential equations from experimental time series of oscillatory systems. <i>Physica D: Nonlinear Phenomena</i> , <b>1992</b> , 56, 389-405	3.3	14
7	On cell formation in vortex streets. <i>Journal of Fluid Mechanics</i> , <b>1991</b> , 227, 293-308	3.7	69
6	Wake stabilization using POD Galerkin models with interpolated modes		16
5	Observers and Feedback Control for Shear Layer Vortices		1
4	Artificial intelligence in fluid mechanics. <i>Acta Mechanica Sinica/Lixue Xuebao</i> ,1	2	3
3	Bayesian optimization for active flow control. <i>Acta Mechanica Sinica/Lixue Xuebao</i> ,1	2	2
2	Genetic-algorithm-based artificial intelligence control of a turbulent boundary layer. <i>Acta Mechanica Sinica/Lixue Xuebao</i> ,1	2	3
1	Nonlinear Flow Control Based on a Low Dimensional Model of Fluid Flow369-386		18