Kenneth S Breuer

List of Publications by Year
in descending order

177	8,056	41258	56606
papers	citations	49 h-index	83 g-index

179	179	179	4906
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aeroelastic Instability Boundaries of Pitching Swept Wings. , 2022, , .		0
2	Aerosol transmission in passenger car cabins: Effects of ventilation configuration and driving speed. Physics of Fluids, 2022, 34, 021904.	1.6	12
3	Fluidâ€“structure interactions of energy-harvesting membrane hydrofoils. Journal of Fluid Mechanics, 2022, 942, .	1.4	4
4	Bats actively modulate membrane compliance to control camber and reduce drag. Journal of Experimental Biology, 2022, 225, .	0.8	15
5	Airflows inside passenger cars and implications for airborne disease transmission. Science Advances, 2021, 7, .	4.7	80
6	Reduced-order modeling of a bat flying with heavy and highly articulated flapping wing. , 2021, , .		2
7	Nonlinear fluid damping of elastically mounted pitching wings in quiescent water. Journal of Fluid Mechanics, 2021, 923, .	1.4	6
8	Wake-foil interactions and energy harvesting efficiency in tandem oscillating foils. Physical Review Fluids, 2021, 6, .	1.0	19
9	Effects of confinement on the dynamics and correlation scales in kinesin-microtubule active fluids. Physical Review E, 2021, 104, 034601.	0.8	7
10	Wing Fold and Twist Greatly Improves Flight Efficiency for Bat-Scale Flapping Wing Robots. , 2021, , .		4
11	Full-scale aeroelastic simulations of hovering bat flight. , 2020, , .		2
12	Nonlinear flow-induced instability of an elastically mounted pitching wing. Journal of Fluid Mechanics, 2020, 899, .	1.4	15
13	Nonlinear modeling and characterization of ultrasoft silicone elastomers. Applied Physics Letters, 2020, 116, 203702.	1.5	5
14	Deformation, forces, and flows associated with extremely compliant membrane disks. , 2020, , .		4
15	A bioinspired Separated Flow wing provides turbulence resilience and aerodynamic efficiency for miniature drones. Science Robotics, 2020, 5, .	9.9	23
16	Non-Linear Stability Boundaries of an Elastically-Mounted Pitching Wing. , 2020, , .		0
17	Effects of shear-thinning viscosity and viscoelastic stresses on flagellated bacteria motility. Physical Review Fluids, 2020, 5, .	1.0	23
18	Optimization of the recursive least squares algorithm for capacitive strain sensing. Engineering Research Express, 2020, 2, 046001.	0.8	2

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19	Control of Separated Flow Using Actuated Compliant Membrane Wings. AIAA Journal, 2019, 57, 3801-3811.	1.5	16
20	Wings as inertial appendages: how bats recover from aerial stumbles. Journal of Experimental Biology, 2019, 222, .	0.8	12
21	Scaling of the performance of insect-inspired passive-pitching flapping wings. Journal of the Royal Society Interface, 2019, 16, 20190609.	1.5	18
22	Confinement effects on energy harvesting by a heaving and pitching hydrofoil. Journal of Fluids and Structures, 2019, 84, 233-242.	1.5	22
23	Thrust, drag and wake structure in flapping compliant membrane wings. Journal of Fluid Mechanics, 2019, 862, 871-888.	1.4	33
24	Steady blowing to control the lift and drag on a free shear layer airfoil. , 2019, , .		1
25	The dynamics of hovering flight in hummingbirds, insects and bats with implications for aerial robotics. Bioinspiration and Biomimetics, 2019, 14, 016003.	1.5	17
26	Resonant response and optimal energy harvesting of an elastically mounted pitching and heaving hydrofoil. Physical Review Fluids, 2019, 4, .	1.0	18
27	Changes in the flagellar bundling time account for variations in swimming behavior of flagellated bacteria in viscous media. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1707-1712.	3.3	27
28	Energy harvesting performance and flow structure of an oscillating hydrofoil with finite span. Journal of Fluids and Structures, 2017, 70, 314-326.	1.5	65
29	Speed-dependent modulation of wing muscle recruitment intensity and kinematics in two bat species. Journal of Experimental Biology, 2017, 220, 1820-1829.	0.8	15
30	Camber and aerodynamic performance of compliant membrane wings. Journal of Fluids and Structures, 2017, 68, 390-402.	1.5	34
31	The influence of aspect ratio and stroke pattern on force generation of a bat-inspired membrane wing. Interface Focus, 2017, 7, 20160083.	1.5	10
32	A scaling for vortex formation on swept and unswept pitching wings. Journal of Fluid Mechanics, 2017, 832, 697-720.	1.4	24
33	Unsteady high-lift mechanisms from heaving flat plate simulations. International Journal of Heat and Fluid Flow, 2017, 67, 230-239.	1.1	11
34	Guidelines for the design and control of bio-inspired hovering robots. , 2017, , .		5
35	A reduced order model for dielectric elastomer actuators over a range of frequencies and prestrains. Applied Physics Letters, 2016, 109, .	1.5	17
36	Vortex formation and shedding from a cyber-physical pitching plate. Journal of Fluid Mechanics, 2016, 793, 229-247.	1.4	46

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37	Simplifying a wing: diversity and functional consequences of digital joint reduction in bat wings. Journal of Anatomy, 2016, 229, 114-127.	0.9	16
38	Wake structure and kinematics in two insectivorous bats. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150385.	1.8	28
39	Large apparent slip at a moving contact line. Physics of Fluids, 2015, 27, 091703.	1.6	15
40	Large amplitude flow-induced oscillations and energy harvesting using a cyber-physical pitching plate. Journal of Fluids and Structures, 2015, 55, 262-275.	1.5	48
41	Falling with Style: Bats Perform Complex Aerial Rotations by Adjusting Wing Inertia. PLoS Biology, 2015, 13, e1002297.	2.6	55
42	Microrockets. , 2015, , 2139-2140.		0
43	Hindlimb Motion during Steady Flight of the Lesser Dog-Faced Fruit Bat, Cynopterus brachyotis. PLoS ONE, 2014, 9, e98093.	1.1	18
44	Propulsion by a helical flagellum in a capillary tube. Physics of Fluids, 2014, 26, .	1.6	39
45	Membrane muscle function in the compliant wings of bats. Bioinspiration and Biomimetics, 2014, 9, 025007.	1.5	60
46	How wing kinematics affect power requirements and aerodynamic force production in a robotic bat wing. Bioinspiration and Biomimetics, 2014, 9, 025008.	1.5	31
47	Helical motion of the cell body enhances Caulobacter crescentus motility. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11252-11256.	3.3	75
48	Bat-Inspired Flapping Flight. , 2014, , .		9
49	The aerodynamic cost of flight in the short-tailed fruit bat (Carollia perspicillata): comparing theory with measurement. Journal of the Royal Society Interface, 2014, 11, 20140147.	1.5	31
50	Aerodynamic Characterization of a Wing Membrane with Variable Compliance. AIAA Journal, 2014, 52, 1749-1756.	1.5	45
51	Design and characterization of a multi-articulated robotic bat wing. Bioinspiration and Biomimetics, 2013, 8, 016009.	1.5	92
52	Glide performance and aerodynamics of non-equilibrium glides in northern flying squirrels (Glaucomys sabrinus). Journal of the Royal Society Interface, 2013, 10, 20120794.	1.5	54
53	Helical swimming in Stokes flow using a novel boundary-element method. Physics of Fluids, 2013, 25, .	1.6	13
54	Speed of a swimming sheet in Newtonian and viscoelastic fluids. Physical Review E, 2013, 87, 013015.	0.8	56

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55	An aeroelastic instability provides a possible basis for the transition from gliding to flapping flight. Journal of the Royal Society Interface, 2013, 10, 20120940.	1.5	25
56	Evanescent Wave Microscopy. , 2013, , 1-11.		0
57	Biomechanics of smart wings in a bat robot: morphing wings using SMA actuators. Bioinspiration and Biomimetics, 2012, 7, 036006.	1.5	83
58	Changes in kinematics and aerodynamics over a range of speeds inTadarida brasiliensis, the Brazilian free-tailed bat. Journal of the Royal Society Interface, 2012, 9, 1120-1130.	1.5	68
59	Upstroke wing flexion and the inertial cost of bat flight. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2945-2950.	1.2	61
60	Fog Deposition and Accumulation on Smooth and Textured Hydrophobic Surfaces. Langmuir, 2012, 28, 12771-12778.	1.6	27
61	Accurate measurement of streamwise vortices using dual-plane PIV. Experiments in Fluids, 2012, 53, 1487-1500.	1.1	16
62	A bird? A plane? No, it's a bat: an introduction to the biomechanics of bat flight. , 2012, , 317-352.		25
63	Kinematic Plasticity during Flight in Fruit Bats: Individual Variability in Response to Loading. PLoS ONE, 2012, 7, e36665.	1.1	28
64	Force-free swimming of a model helical flagellum in viscoelastic fluids. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19516-19520.	3.3	170
65	A Self-Excited Flapping Wing: Lift, Drag and the Implications for Biological Flight. , 2011, , .		1
66	Energetically Optimal Short-Range Gliding Trajectories for Gliding Animals. AIAA Journal, 2011, 49, 2650-2657.	1.5	10
67	The motion, stability and breakup of a stretching liquid bridge with a receding contact line. Journal of Fluid Mechanics, 2011, 666, 554-572.	1.4	61
68	3D reconstruction of bat flight kinematics from sparse multiple views. , 2011, , .		22
69	Climbing flight performance and load carrying in lesser dog-faced fruit bats (Cynopterus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.8	21
70	Whole-body kinematics of a fruit bat reveal the influence of wing inertia on body accelerations. Journal of Experimental Biology, 2011, 214, 1546-1553.	0.8	54
71	In-Flight Wing-Membrane Strain Measurements on Bats. Conference Proceedings of the Society for Experimental Mechanics, 2011, , 437-445.	0.3	2
72	Oscillatory motions of a prestrained compliant membrane caused by fluidâ€“membrane interaction. Journal of Fluids and Structures, 2010, 26, 339-358.	1.5	33

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73	The effect of body size on the wing movements of pteropodid bats, with insights into thrust and lift production. Journal of Experimental Biology, 2010, 213, 4110-4122.	0.8	73
74	Wake structure and wing kinematics: the flight of the lesser dog-faced fruit bat,Cynopterus brachyotis. Journal of Experimental Biology, 2010, 213, 3427-3440.	0.8	120
75	Exploration of bat wing morphology through a strip method and visualization. , 2010, , .		0
76	Time-resolved wake structure and kinematics of bat flight. , 2010, , 371-381.		8
77	Minimal model for synchronization induced by hydrodynamic interactions. Physical Review E, 2009, 80, 061919.	0.8	83
78	Micron-Scale Droplet Deposition on a Hydrophobic Surface Using a Retreating Syringe. Physical Review Letters, 2009, 102, 164502.	2.9	31
79	Time-resolved wake structure and kinematics of bat flight. Experiments in Fluids, 2009, 46, 933-943.	1.1	93
80	High-speed quantum dot tracking and velocimetry using evanescent wave illumination. Experiments in Fluids, 2009, 47, 1059-1066.	1.1	9
81	On Drag Reduction in Turbulent Channel Flow over Superhydrophobic Surfaces. Springer Proceedings in Physics, 2009, , 233-236.	0.1	20
82	Energetically Optimal Flight Trajectories for Short Range Gliding Animals. , 2009, , .		0
83	The effects of hindered mobility and depletion of particles in near-wall shear flows and the implications for nanovelocimetry. Journal of Fluid Mechanics, 2009, 637, 241-265.	1.4	36
84	Quantifying the complexity of bat wing kinematics. Journal of Theoretical Biology, 2008, 254, 604-615.	0.8	154
85	Simultaneous, ensemble-averaged measurement of near-wall temperature and velocity in steady micro-flows using single quantum dot tracking. Experiments in Fluids, 2008, 45, 157-166.	1.1	27
86	Microfluidic Pump Powered by Selfâ€Organizing Bacteria. Small, 2008, 4, 111-118.	5.2	81
87	Aeromechanics of Membrane Wings with Implications for Animal Flight. AIAA Journal, 2008, 46, 2096-2106.	1.5	210
88	Shape Transition and Propulsive Force of an Elastic Rod Rotating in a Viscous Fluid. Physical Review Letters, 2008, 100, 078101.	2.9	57
89	Aerodynamic Behavior of Compliant Membranes as Related to Bat Flight. , 2008, , .		13
90	The Aero-Mechanics of Low Aspect Ratio Compliant Membrane Wings, with Applications to Animal Flight. , 2008, , .		18

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91	Multifidelity Approaches for the Computational Analysis and Design of Effective Flapping Wing Vehicles. , 2008, , .		16
92	Catch Strip Assay for the Relative Assessment of Two-Dimensional Protein Association Kinetics. Analytical Chemistry, 2008, 80, 944-950.	3.2	8
93	Models for Adaptive Feedforward Control of Turbulence. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2008, , 219-227.	0.1	0
94	Direct measurement of slip length in electrolyte solutions. Physics of Fluids, 2007, 19, 028104.	1.6	51
95	Visualization and Tracking of Electrospray Droplet Emissions Using Fluorescence and Holographic Techniques. , 2007, , 1047.		0
96	Direct measurement of anisotropic near-wall hindered diffusion using total internal reflection velocimetry. Physical Review E, 2007, 76, 046307.	0.8	77
97	Use of Bacterial Carpets to Enhance Mixing in Microfluidic Systems. Journal of Fluids Engineering, Transactions of the ASME, 2007, 129, 319-324.	0.8	71
98	Aeromechanics in aeroecology: flight biology in the aerosphere. Integrative and Comparative Biology, 2007, 48, 85-98.	0.9	18
99	The role of lubricin in the mechanical behavior of synovial fluid. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6194-6199.	3.3	218
100	A Computational Investigation of Bio-Inspired Formation Flight and Ground Effect. , 2007, , .		12
101	Wing Structure and the Aerodynamic Basis of Flight in Bats. , 2007, , .		56
102	Dynamics of a Compliant Membrane as Related to Mammalian Flight. , 2007, , .		26
103	Controlled Mixing in Microfluidic Systems Using Bacterial Chemotaxis. Analytical Chemistry, 2007, 79, 955-959.	3.2	80
104	Control of Turbulent Boundary Layers Using FXLMS Feedforward Architectures. , 2006, , .		0
105	The Structure and Dynamics of Turbulent Flows Subject to Lorentz Force Control. , 2006, , .		1
106	Direct measurements of the kinematics and dynamics of bat flight. Bioinspiration and Biomimetics, 2006, 1, S10-S18.	1.5	136
107	Direct measurement of slip velocities using three-dimensional total internal reflection velocimetry. Journal of Fluid Mechanics, 2006, 566, 447.	1.4	115
108	Colloid Lithography-Induced Polydimethylsiloxane Microstructures and their Application to Cell Patterning. Biotechnology Letters, 2006, 28, 169-173.	1.1	22

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109	Statistical particle tracking velocimetry using molecular and quantum dot tracer particles. Experiments in Fluids, 2006, 41, 869-880.	1.1	39
110	Statistical Particle Tracking Velocimetry Using Molecular and Quantum Dot Tracer Particles. , 2005, , 235.		1
111	Direct Measurement of Slip Velocities Using Three-Dimensional Total Internal Reflection Velocimetry. , 2005, , 213.		1
112	CONTROL OF TURBULENT FLOWS USING LORENTZ FORCE ACTUATION. Lecture Notes Series, Institute for Mathematical Sciences, 2005, , 325-356.	0.2	0
113	Active Control of Tip Clearance Flow in Axial Compressors. Journal of Turbomachinery, 2005, 127, 352-362.	0.9	50
114	High-speed microfabricated silicon turbomachinery and fluid film bearings. Journal of Microelectromechanical Systems, 2005, 14, 141-152.	1.7	120
115	Fluid effects in vibrating micromachined structures. Journal of Microelectromechanical Systems, 2005, 14, 770-781.	1.7	55
116	Effects of Cross-Section Geometry of Capillary on the Evaporation From the Meniscus. , 2005, , .		0
117	A Selective Mixing in Microfluidic Systems Using Bacterial Chemotaxis. , 2005, , .		1
118	Enhanced diffusion due to motile bacteria. Physics of Fluids, 2004, 16, L78-L81.	1.6	164
119	INFRARED DIAGNOSTICS FOR MEASURING FLUID AND SOLID MOTION INSIDE SILICON MICRODEVICES. Microscale Thermophysical Engineering, 2004, 8, 169-182.	1.2	14
120	Actuation and control of a turbulent channel flow using Lorentz forces. Physics of Fluids, 2004, 16, 897-907.	1.6	90
121	Particle image velocimetry experiments on a macro-scale model for bacterial flagellar bundling. Experiments in Fluids, 2004, 37, 782-788.	1.1	71
122	Near-surface velocimetry using evanescent wave illumination. Experiments in Fluids, 2004, 37, 825-833.	1.1	112
123	Computer-aided calibration of X-probes using a look-up table. Experiments in Fluids, 2004, 6, 115-118.	1.1	78
124	Moving Fluid with Bacterial Carpets. Biophysical Journal, 2004, 86, 1863-1870.	0.2	372
125	Drag Reduction in Turbulent Flows Using Lorentz Force Actuation. Fluid Mechanics and Its Applications, 2004, , 315-318.	0.1	2
126	A novel system for measuring liquid flow rates with nanoliter per minute resolution. Experiments in Fluids, 2003, 34, 635-642.	1.1	15

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127	Active control of turbulent boundary layers. Journal of Fluid Mechanics, 2003, 495, 209-233.	1.4	138
128	Apparent slip flows in hydrophilic and hydrophobic microchannels. Physics of Fluids, 2003, 15, 2897.	1.6	430
129	A macroscopic scale model of bacterial flagellar bundling. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15481-15485.	3.3	153
130	Lorentz Force Control of Turbulent Channel Flow. , 2003, , .		4
131	Dynamics of Synthetic Jet Arrays for Closed-Loop Flow Control. , 2003, , .		7
132	Diffusion-Limited Evaporation in Long Microchannels. , 2003, , 673.		3
133	Near-Surface Velocimetry Using Evanescent Wave Illumination. , 2003, , 645.		3
134	Challenges for Lubrication in High Speed MEMS. , 2003, , 197-220.		4
135	Enhanced Diffusion Due to Swimming Bacteria. , 2003, , .		0
136	To Slip or Not to Slip: Water Flows in Hydrophilic and Hydrophobic Microchannels. , 2002, , 557.		36
137	Manufacturing Effects in Microfabricated Gas Bearings: Axially Varying Clearance. Journal of Tribology, 2002, 124, 815-821.	1.0	9
138	Oblique transition in a laminar Blasius boundary layer. Journal of Fluid Mechanics, 2002, 453, 177-200.	1.4	7
139	Mass flow and tangential momentum accommodation in silicon micromachined channels. Journal of Fluid Mechanics, 2001, 437, 29-43.	1.4	277
140	Acoustic receptivity and evolution of two-dimensional and oblique disturbances in a Blasius boundary layer. Journal of Fluid Mechanics, 2001, 432, 69-90.	1.4	37
141	Low-Order Models for Very Short Hybrid Gas Bearings. Journal of Tribology, 2001, 123, 368-375.	1.0	25
142	Analysis and testing of a silicon intrinsic-point heater in a micropropulsion application. Sensors and Actuators A: Physical, 2001, 91, 249-255.	2.0	21
143	Deep reactive ion etching: a promising technology for micro- and nanosatellites. Smart Materials and Structures, 2001, 10, 1135-1144.	1.8	50
144	Dynamic Calibration of a Shear-Stress Sensor Using Stokes-Layer Excitation. AIAA Journal, 2001, 39, 819-823.	1.5	51

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145	Dynamic calibration of a shear-stress sensor using stokes-layer excitation. AIAA Journal, 2001, 39, 819-823.	1.5	1
146	Linear predictive filtering in a numerically simulated turbulent flow. Physics of Fluids, 2000, 12, 3221-3228.	1.6	4
147	Microhydraulic transducer technology for actuation and power generation. , 2000, , .		16
148	Acoustic receptivity of a Blasius boundary layer with 2-D and oblique surface waviness. , 2000, , .		1
149	Non-localized acoustic receptivity and subsequent disturbance growth in a Blasius boundary layer. , 2000, , 79-84.		0
150	Pseudospectral Orbit Simulation of Nonideal Gas-Lubricated Journal Bearings for Microfabricated Turbomachines. Journal of Tribology, 1999, 121, 604-609.	1.0	37
151	System identification and control of a turbulent boundary layer. Physics of Fluids, 1997, 9, 1867-1869.	1.6	79
152	Coupled Fluid-Structural Characteristics of Actuators for Flow Control. AIAA Journal, 1997, 35, 832-837.	1.5	82
153	The late stages of transition induced by a low-amplitude wavepacket in a laminar boundary layer. Journal of Fluid Mechanics, 1997, 340, 395-411.	1.4	42
154	Gaseous slip flow in long microchannels. Journal of Microelectromechanical Systems, 1997, 6, 167-178.	1.7	603
155	A wafer-bonded floating-element shear stress microsensor with optical position sensing by photodiodes. Journal of Microelectromechanical Systems, 1996, 5, 307-315.	1.7	61
156	Linear and nonlinear evolution of boundary layer instabilities generated by acoustic-receptivity mechanisms. , 1996, , .		1
157	Linear and nonlinear evolution of boundary layer instabilities generated by acousticâ€receptivity mechanisms. Physics of Fluids, 1996, 8, 1415-1423.	1.6	13
158	Numerical Modeling of Micromechanical Devices Using the Direct Simulation Monte Carlo Method. Journal of Fluids Engineering, Transactions of the ASME, 1996, 118, 464-469.	0.8	139
159	Universality of probability density functions in turbulent channel flow. Physics of Fluids, 1995, 7, 1122-1129.	1.6	22
160	Heat transfer variation on protuberances and surface roughness elements. Journal of Thermophysics and Heat Transfer, 1995, 9, 175-180.	0.9	29
161	Transient growth in twoâ€and threeâ€dimensional boundary layers. Physics of Fluids, 1994, 6, 1983-1993.	1.6	47
162	Transient growth in circular pipe flow. II. Nonlinear development. Physics of Fluids, 1994, 6, 3652-3664.	1.6	24

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163	Localized disturbances in parallel shear flows. Flow, Turbulence and Combustion, 1994, 53, 51-97.	0.2	17
164	Transient growth in circular pipe flow. I. Linear disturbances. Physics of Fluids, 1994, 6, 3643-3651.	1.6	54
165	Bypass transition in two- and three-dimensional boundary layers. , 1993, , .		2
166	On the errors incurred calculating derivatives using Chebyshev polynomials. Journal of Computational Physics, 1992, 99, 56-67.	1.9	46
167	On the evolution of a wave packet in a laminar boundary layer. Journal of Fluid Mechanics, 1991, 225, 575-606.	1.4	69
168	On the errors incurred calculating derivatives using Chebyshev polynomials. Journal of Computational Physics, 1991, 94, 250-251.	1.9	0
169	The use of the Karhunen-LoÃ¨ve procedure for the calculation of linear eigenfunctions. Journal of Computational Physics, 1991, 96, 277-296.	1.9	84
170	The Subharmonic Growth of a Wave-Packet in a Laminar Boundary Layer. , 1991, , 142-150.		0
171	The evolution of a localized disturbance in a laminar boundary layer. Part 1. Weak disturbances. Journal of Fluid Mechanics, 1990, 220, 569-594.	1.4	94
172	The evolution of a localized disturbance in a laminar boundary layer. Part 2. Strong disturbances. Journal of Fluid Mechanics, 1990, 220, 595-621.	1.4	58
173	The control of transient disturbances in a flat plate boundary layer through active wall motion. Physics of Fluids A, Fluid Dynamics, 1989, 1, 574-582.	1.6	38
174	Performance and scaling of an electro-osmotic mixer. , 0, , .		4
175	Wall Distance Effects on Transition to Turbulence in Low-Reynolds-Number Separated Flows. AIAA Journal, 0, , 1-9.	1.5	0
176	Low-Order Modeling of Flapping Flight with Highly Articulated, Cambered, Heavy Wings. AIAA Journal, 0, , 1-10.	1.5	2
177	Cavities Improve the Power Factor of Low-Reynolds-Number Airfoils and Wings. AIAA Journal, 0, , 1-12.	1.5	1