

# Kenneth S Breuer

## List of Publications by Citations

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157  
papers

6,327  
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44  
h-index

75  
g-index

179  
ext. papers

7,371  
ext. citations

3.7  
avg, IF

5.98  
L-index

#	Paper	IF	Citations
157	Gaseous slip flow in long microchannels. <i>Journal of Microelectromechanical Systems</i> , <b>1997</b> , 6, 167-178	2.5	491
156	Apparent slip flows in hydrophilic and hydrophobic microchannels. <i>Physics of Fluids</i> , <b>2003</b> , 15, 2897	4.4	359
155	Moving fluid with bacterial carpets. <i>Biophysical Journal</i> , <b>2004</b> , 86, 1863-70	2.9	297
154	Mass flow and tangential momentum accommodation in silicon micromachined channels. <i>Journal of Fluid Mechanics</i> , <b>2001</b> , 437, 29-43	3.7	232
153	The role of lubricin in the mechanical behavior of synovial fluid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 6194-9	11.5	189
152	Aeromechanics of Membrane Wings with Implications for Animal Flight. <i>AIAA Journal</i> , <b>2008</b> , 46, 2096-2106	10.6	156
151	Enhanced diffusion due to motile bacteria. <i>Physics of Fluids</i> , <b>2004</b> , 16, L78-L81	4.4	143
150	Force-free swimming of a model helical flagellum in viscoelastic fluids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 19516-20	11.5	140
149	A macroscopic scale model of bacterial flagellar bundling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 15481-5	11.5	128
148	Quantifying the complexity of bat wing kinematics. <i>Journal of Theoretical Biology</i> , <b>2008</b> , 254, 604-15	2.3	118
147	Direct measurements of the kinematics and dynamics of bat flight. <i>Bioinspiration and Biomimetics</i> , <b>2006</b> , 1, S10-8	2.6	116
146	Numerical Modeling of Micromechanical Devices Using the Direct Simulation Monte Carlo Method. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , <b>1996</b> , 118, 464-469	2.1	115
145	Active control of turbulent boundary layers. <i>Journal of Fluid Mechanics</i> , <b>2003</b> , 495, 209-233	3.7	109
144	. <i>Journal of Microelectromechanical Systems</i> , <b>2005</b> , 14, 141-152	2.5	102
143	Direct measurement of slip velocities using three-dimensional total internal reflection velocimetry. <i>Journal of Fluid Mechanics</i> , <b>2006</b> , 566, 447	3.7	100
142	Wake structure and wing kinematics: the flight of the lesser dog-faced fruit bat, <i>Cynopterus brachyotis</i> . <i>Journal of Experimental Biology</i> , <b>2010</b> , 213, 3427-40	3	96
141	Near-surface velocimetry using evanescent wave illumination. <i>Experiments in Fluids</i> , <b>2004</b> , 37, 825-833	2.5	83

140	Actuation and control of a turbulent channel flow using Lorentz forces. <i>Physics of Fluids</i> , <b>2004</b> , 16, 897-907	4.7	76
139	Controlled mixing in microfluidic systems using bacterial chemotaxis. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 955-9	7.8	74
138	The use of the Karhunen-Loève procedure for the calculation of linear eigenfunctions. <i>Journal of Computational Physics</i> , <b>1991</b> , 96, 277-296	4.1	74
137	The evolution of a localized disturbance in a laminar boundary layer. Part 1. Weak disturbances. <i>Journal of Fluid Mechanics</i> , <b>1990</b> , 220, 569-594	3.7	74
136	Minimal model for synchronization induced by hydrodynamic interactions. <i>Physical Review E</i> , <b>2009</b> , 80, 061919	2.4	73
135	Microfluidic pump powered by self-organizing bacteria. <i>Small</i> , <b>2008</b> , 4, 111-8	11	73
134	Time-resolved wake structure and kinematics of bat flight. <i>Experiments in Fluids</i> , <b>2009</b> , 46, 933-943	2.5	72
133	Design and characterization of a multi-articulated robotic bat wing. <i>Bioinspiration and Biomimetics</i> , <b>2013</b> , 8, 016009	2.6	71
132	Coupled Fluid-Structural Characteristics of Actuators for Flow Control. <i>AIAA Journal</i> , <b>1997</b> , 35, 832-837	2.1	70
131	Direct measurement of anisotropic near-wall hindered diffusion using total internal reflection velocimetry. <i>Physical Review E</i> , <b>2007</b> , 76, 046307	2.4	66
130	System identification and control of a turbulent boundary layer. <i>Physics of Fluids</i> , <b>1997</b> , 9, 1867-1869	4.4	64
129	Computer-aided calibration of X-probes using a look-up table. <i>Experiments in Fluids</i> , <b>2004</b> , 6, 115-118	2.5	63
128	The effect of body size on the wing movements of pteropodid bats, with insights into thrust and lift production. <i>Journal of Experimental Biology</i> , <b>2010</b> , 213, 4110-22	3	62
127	On the evolution of a wave packet in a laminar boundary layer. <i>Journal of Fluid Mechanics</i> , <b>1991</b> , 225, 575-606	3.7	62
126	Helical motion of the cell body enhances <i>Caulobacter crescentus</i> motility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 11252-6	11.5	61
125	Use of Bacterial Carpets to Enhance Mixing in Microfluidic Systems. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , <b>2007</b> , 129, 319-324	2.1	61
124	Particle image velocimetry experiments on a macro-scale model for bacterial flagellar bundling. <i>Experiments in Fluids</i> , <b>2004</b> , 37, 782-788	2.5	60
123	Changes in kinematics and aerodynamics over a range of speeds in <i>Tadarida brasiliensis</i> , the Brazilian free-tailed bat. <i>Journal of the Royal Society Interface</i> , <b>2012</b> , 9, 1120-30	4.1	58

122	Biomechanics of smart wings in a bat robot: morphing wings using SMA actuators. <i>Bioinspiration and Biomimetics</i> , <b>2012</b> , 7, 036006	2.6	55
121	The motion, stability and breakup of a stretching liquid bridge with a receding contact line. <i>Journal of Fluid Mechanics</i> , <b>2011</b> , 666, 554-572	3.7	50
120	Shape transition and propulsive force of an elastic rod rotating in a viscous fluid. <i>Physical Review Letters</i> , <b>2008</b> , 100, 078101	7.4	50
119	Fluid effects in vibrating micromachined structures. <i>Journal of Microelectromechanical Systems</i> , <b>2005</b> , 14, 770-781	2.5	50
118	A wafer-bonded floating-element shear stress microsensor with optical position sensing by photodiodes. <i>Journal of Microelectromechanical Systems</i> , <b>1996</b> , 5, 307-315	2.5	49
117	Transient growth in circular pipe flow. I. Linear disturbances. <i>Physics of Fluids</i> , <b>1994</b> , 6, 3643-3651	4.4	48
116	The evolution of a localized disturbance in a laminar boundary layer. Part 2. Strong disturbances. <i>Journal of Fluid Mechanics</i> , <b>1990</b> , 220, 595-621	3.7	48
115	Membrane muscle function in the compliant wings of bats. <i>Bioinspiration and Biomimetics</i> , <b>2014</b> , 9, 0250076		46
114	Speed of a swimming sheet in Newtonian and viscoelastic fluids. <i>Physical Review E</i> , <b>2013</b> , 87, 013015	2.4	46
113	Energy harvesting performance and flow structure of an oscillating hydrofoil with finite span. <i>Journal of Fluids and Structures</i> , <b>2017</b> , 70, 314-326	3.1	43
112	Upstroke wing flexion and the inertial cost of bat flight. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2012</b> , 279, 2945-50	4.4	43
111	Direct measurement of slip length in electrolyte solutions. <i>Physics of Fluids</i> , <b>2007</b> , 19, 028104	4.4	42
110	Airflows inside passenger cars and implications for airborne disease transmission. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	42
109	Wing Structure and the Aerodynamic Basis of Flight in Bats <b>2007</b> ,		41
108	Dynamic Calibration of a Shear-Stress Sensor Using Stokes-Layer Excitation. <i>AIAA Journal</i> , <b>2001</b> , 39, 819-823		41
107	Whole-body kinematics of a fruit bat reveal the influence of wing inertia on body accelerations. <i>Journal of Experimental Biology</i> , <b>2011</b> , 214, 1546-53	3	40
106	Deep reactive ion etching: a promising technology for micro- and nanosatellites. <i>Smart Materials and Structures</i> , <b>2001</b> , 10, 1135-1144	3.4	40
105	On the errors incurred calculating derivatives using Chebyshev polynomials. <i>Journal of Computational Physics</i> , <b>1992</b> , 99, 56-67	4.1	39

104	Active Control of Tip Clearance Flow in Axial Compressors. <i>Journal of Turbomachinery</i> , <b>2005</b> , 127, 352-362	8	37
103	Transient growth in two- and three-dimensional boundary layers. <i>Physics of Fluids</i> , <b>1994</b> , 6, 1983-1993	4.4	35
102	Glide performance and aerodynamics of non-equilibrium glides in northern flying squirrels ( <i>Glaucomys sabrinus</i> ). <i>Journal of the Royal Society Interface</i> , <b>2013</b> , 10, 20120794	4.1	34
101	Propulsion by a helical flagellum in a capillary tube. <i>Physics of Fluids</i> , <b>2014</b> , 26, 011701	4.4	33
100	Statistical particle tracking velocimetry using molecular and quantum dot tracer particles. <i>Experiments in Fluids</i> , <b>2006</b> , 41, 869-880	2.5	33
99	Pseudospectral Orbit Simulation of Nonideal Gas-Lubricated Journal Bearings for Microfabricated Turbomachines. <i>Journal of Tribology</i> , <b>1999</b> , 121, 604-609	1.8	33
98	Vortex formation and shedding from a cyber-physical pitching plate. <i>Journal of Fluid Mechanics</i> , <b>2016</b> , 793, 229-247	3.7	33
97	Falling with Style: Bats Perform Complex Aerial Rotations by Adjusting Wing Inertia. <i>PLoS Biology</i> , <b>2015</b> , 13, e1002297	9.7	32
96	The control of transient disturbances in a flat plate boundary layer through active wall motion. <i>Physics of Fluids A, Fluid Dynamics</i> , <b>1989</b> , 1, 574-582		29
95	Large amplitude flow-induced oscillations and energy harvesting using a cyber-physical pitching plate. <i>Journal of Fluids and Structures</i> , <b>2015</b> , 55, 262-275	3.1	28
94	Micron-scale droplet deposition on a hydrophobic surface using a retreating syringe. <i>Physical Review Letters</i> , <b>2009</b> , 102, 164502	7.4	28
93	The effects of hindered mobility and depletion of particles in near-wall shear flows and the implications for nanovelocimetry. <i>Journal of Fluid Mechanics</i> , <b>2009</b> , 637, 241-265	3.7	27
92	The late stages of transition induced by a low-amplitude wavepacket in a laminar boundary layer. <i>Journal of Fluid Mechanics</i> , <b>1997</b> , 340, 395-411	3.7	27
91	Aerodynamic Characterization of a Wing Membrane with Variable Compliance. <i>AIAA Journal</i> , <b>2014</b> , 52, 1749-1756	2.1	26
90	Fog deposition and accumulation on smooth and textured hydrophobic surfaces. <i>Langmuir</i> , <b>2012</b> , 28, 12771-8	4	25
89	To Slip or Not to Slip: Water Flows in Hydrophilic and Hydrophobic Microchannels		25
88	Acoustic receptivity and evolution of two-dimensional and oblique disturbances in a Blasius boundary layer. <i>Journal of Fluid Mechanics</i> , <b>2001</b> , 432, 69-90	3.7	25
87	Heat transfer variation on protuberances and surface roughness elements. <i>Journal of Thermophysics and Heat Transfer</i> , <b>1995</b> , 9, 175-180	1.3	24

86	Transient growth in circular pipe flow. II. Nonlinear development. <i>Physics of Fluids</i> , <b>1994</b> , 6, 3652-3664	4.4	24
85	Oscillatory motions of a prestrained compliant membrane caused by fluid-membrane interaction. <i>Journal of Fluids and Structures</i> , <b>2010</b> , 26, 339-358	3.1	23
84	The aerodynamic cost of flight in the short-tailed fruit bat ( <i>Carollia perspicillata</i> ): comparing theory with measurement. <i>Journal of the Royal Society Interface</i> , <b>2014</b> , 11, 20140147	4.1	22
83	Dynamics of a Compliant Membrane as Related to Mammalian Flight <b>2007</b> ,		22
82	Colloid lithography-induced polydimethylsiloxane microstructures and their application to cell patterning. <i>Biotechnology Letters</i> , <b>2006</b> , 28, 169-73	3	22
81	Low-Order Models for Very Short Hybrid Gas Bearings. <i>Journal of Tribology</i> , <b>2001</b> , 123, 368-375	1.8	22
80	Kinematic plasticity during flight in fruit bats: individual variability in response to loading. <i>PLoS ONE</i> , <b>2012</b> , 7, e36665	3.7	21
79	Universality of probability density functions in turbulent channel flow. <i>Physics of Fluids</i> , <b>1995</b> , 7, 1122-1129	1.4	21
78	Wake structure and kinematics in two insectivorous bats. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 371,	5.8	19
77	An aeroelastic instability provides a possible basis for the transition from gliding to flapping flight. <i>Journal of the Royal Society Interface</i> , <b>2013</b> , 10, 20120940	4.1	19
76	3D reconstruction of bat flight kinematics from sparse multiple views <b>2011</b> ,		19
75	Climbing flight performance and load carrying in lesser dog-faced fruit bats ( <i>Cynopterus brachyotis</i> ). <i>Journal of Experimental Biology</i> , <b>2011</b> , 214, 786-93	3	19
74	On Drag Reduction in Turbulent Channel Flow over Superhydrophobic Surfaces. <i>Springer Proceedings in Physics</i> , <b>2009</b> , 233-236	0.2	19
73	Simultaneous, ensemble-averaged measurement of near-wall temperature and velocity in steady micro-flows using single quantum dot tracking. <i>Experiments in Fluids</i> , <b>2008</b> , 45, 157-166	2.5	19
72	Analysis and testing of a silicon intrinsic-point heater in a micropropulsion application. <i>Sensors and Actuators A: Physical</i> , <b>2001</b> , 91, 249-255	3.9	19
71	How wing kinematics affect power requirements and aerodynamic force production in a robotic bat wing. <i>Bioinspiration and Biomimetics</i> , <b>2014</b> , 9, 025008	2.6	18
70	Changes in the flagellar bundling time account for variations in swimming behavior of flagellated bacteria in viscous media. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 1707-1712	11.5	17
69	Thrust, drag and wake structure in flapping compliant membrane wings. <i>Journal of Fluid Mechanics</i> , <b>2019</b> , 862, 871-888	3.7	17

68	A scaling for vortex formation on swept and unswept pitching wings. <i>Journal of Fluid Mechanics</i> , <b>2017</b> , 832, 697-720	3.7	16
67	A bird? A plane? No, it's a bat: an introduction to the biomechanics of bat flight		16
66	Accurate measurement of streamwise vortices using dual-plane PIV. <i>Experiments in Fluids</i> , <b>2012</b> , 53, 1487-1500	3.5	15
65	The Aero-Mechanics of Low Aspect Ratio Compliant Membrane Wings, with Applications to Animal Flight		15
64	Aeromechanics in aeroecology: flight biology in the aerosphere. <i>Integrative and Comparative Biology</i> , <b>2008</b> , 48, 85-98	2.8	15
63	A novel system for measuring liquid flow rates with nanoliter per minute resolution. <i>Experiments in Fluids</i> , <b>2003</b> , 34, 635-642	2.5	15
62	Localized disturbances in parallel shear flows. <i>Flow, Turbulence and Combustion</i> , <b>1994</b> , 53, 51-97		15
61	Large apparent slip at a moving contact line. <i>Physics of Fluids</i> , <b>2015</b> , 27, 091703	4.4	14
60	Hindlimb motion during steady flight of the lesser dog-faced fruit bat, <i>Cynopterus brachyotis</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e98093	3.7	14
59	Helical swimming in Stokes flow using a novel boundary-element method. <i>Physics of Fluids</i> , <b>2013</b> , 25, 061902	4.4	13
58	A reduced order model for dielectric elastomer actuators over a range of frequencies and prestrains. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 133506	3.4	13
57	Camber and aerodynamic performance of compliant membrane wings. <i>Journal of Fluids and Structures</i> , <b>2017</b> , 68, 390-402	3.1	12
56	Multifidelity Approaches for the Computational Analysis and Design of Effective Flapping Wing Vehicles		12
55	INFRARED DIAGNOSTICS FOR MEASURING FLUID AND SOLID MOTION INSIDE SILICON MICRODEVICES. <i>Microscale Thermophysical Engineering</i> , <b>2004</b> , 8, 169-182		12
54	Linear and nonlinear evolution of boundary layer instabilities generated by acoustic-receptivity mechanisms. <i>Physics of Fluids</i> , <b>1996</b> , 8, 1415-1423	4.4	12
53	The dynamics of hovering flight in hummingbirds, insects and bats with implications for aerial robotics. <i>Bioinspiration and Biomimetics</i> , <b>2018</b> , 14, 016003	2.6	12
52	A Computational Investigation of Bio-Inspired Formation Flight and Ground Effect		11
51	Confinement effects on energy harvesting by a heaving and pitching hydrofoil. <i>Journal of Fluids and Structures</i> , <b>2019</b> , 84, 233-242	3.1	11

50	Microhydraulic transducer technology for actuation and power generation <b>2000</b> ,		10
49	Speed-dependent modulation of wing muscle recruitment intensity and kinematics in two bat species. <i>Journal of Experimental Biology</i> , <b>2017</b> , 220, 1820-1829	3	9
48	Aerodynamic Behavior of Compliant Membranes as Related to Bat Flight <b>2008</b> ,		9
47	A bioinspired Separated Flow wing provides turbulence resilience and aerodynamic efficiency for miniature drones. <i>Science Robotics</i> , <b>2020</b> , 5,	18.6	8
46	Energetically Optimal Short-Range Gliding Trajectories for Gliding Animals. <i>AIAA Journal</i> , <b>2011</b> , 49, 2650-2657	2	8
45	High-speed quantum dot tracking and velocimetry using evanescent wave illumination. <i>Experiments in Fluids</i> , <b>2009</b> , 47, 1059-1066	2.5	8
44	Manufacturing Effects in Microfabricated Gas Bearings: Axially Varying Clearance. <i>Journal of Tribology</i> , <b>2002</b> , 124, 815-821	1.8	8
43	Resonant response and optimal energy harvesting of an elastically mounted pitching and heaving hydrofoil. <i>Physical Review Fluids</i> , <b>2019</b> , 4,	2.8	8
42	Bat-Inspired Flapping Flight <b>2014</b> ,		7
41	Unsteady high-lift mechanisms from heaving flat plate simulations. <i>International Journal of Heat and Fluid Flow</i> , <b>2017</b> , 67, 230-239	2.4	7
40	Catch strip assay for the relative assessment of two-dimensional protein association kinetics. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 944-50	7.8	7
39	Effects of shear-thinning viscosity and viscoelastic stresses on flagellated bacteria motility. <i>Physical Review Fluids</i> , <b>2020</b> , 5,	2.8	7
38	Time-resolved wake structure and kinematics of bat flight <b>2010</b> , 371-381		7
37	Simplifying a wing: diversity and functional consequences of digital joint reduction in bat wings. <i>Journal of Anatomy</i> , <b>2016</b> , 229, 114-27	2.9	7
36	Scaling of the performance of insect-inspired passive-pitching flapping wings. <i>Journal of the Royal Society Interface</i> , <b>2019</b> , 16, 20190609	4.1	7
35	Control of Separated Flow Using Actuated Compliant Membrane Wings. <i>AIAA Journal</i> , <b>2019</b> , 57, 3801-3811	1	6
34	Dynamics of Synthetic Jet Arrays for Closed-Loop Flow Control <b>2003</b> ,		6
33	Nonlinear flow-induced instability of an elastically mounted pitching wing. <i>Journal of Fluid Mechanics</i> , <b>2020</b> , 899,	3.7	6



32	The influence of aspect ratio and stroke pattern on force generation of a bat-inspired membrane wing. <i>Interface Focus</i> , <b>2017</b> , 7, 20160083	3.9	5
31	Oblique transition in a laminar Blasius boundary layer. <i>Journal of Fluid Mechanics</i> , <b>2002</b> , 453, 177-200	3.7	5
30	Wings as inertial appendages: how bats recover from aerial stumbles. <i>Journal of Experimental Biology</i> , <b>2019</b> , 222,	3	4
29	Linear predictive filtering in a numerically simulated turbulent flow. <i>Physics of Fluids</i> , <b>2000</b> , 12, 3221-3228	3.4	4
28	Diffusion-Limited Evaporation in Long Microchannels <b>2003</b> , 673		3
27	Lorentz Force Control of Turbulent Channel Flow <b>2003</b> ,		3
26	Wake-foil interactions and energy harvesting efficiency in tandem oscillating foils. <i>Physical Review Fluids</i> , <b>2021</b> , 6,	2.8	3
25	Guidelines for the design and control of bio-inspired hovering robots <b>2017</b> ,		2
24	Near-Surface Velocimetry Using Evanescent Wave Illumination <b>2003</b> , 645		2
23	Effects of confinement on the dynamics and correlation scales in kinesin-microtubule active fluids. <i>Physical Review E</i> , <b>2021</b> , 104, 034601	2.4	2
22	In-Flight Wing-Membrane Strain Measurements on Bats. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , <b>2011</b> , 437-445	0.3	2
21	Nonlinear modeling and characterization of ultrasoft silicone elastomers. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 203702	3.4	1
20	Performance and scaling of an electro-osmotic mixer		1
19	Statistical Particle Tracking Velocimetry Using Molecular and Quantum Dot Tracer Particles <b>2005</b> , 235		1
18	Direct Measurement of Slip Velocities Using Three-Dimensional Total Internal Reflection Velocimetry <b>2005</b> , 213		1
17	Acoustic receptivity of a Blasius boundary layer with 2-D and oblique surface waviness <b>2000</b> ,		1
16	Linear and nonlinear evolution of boundary layer instabilities generated by acoustic-receptivity mechanisms <b>1996</b> ,		1
15	Bypass transition in two- and three-dimensional boundary layers <b>1993</b> ,		1

14	Aerosol transmission in passenger car cabins: Effects of ventilation configuration and driving speed.. <i>Physics of Fluids</i> , <b>2022</b> , 34, 021904	4.4	1
13	Drag Reduction in Turbulent Flows Using Lorentz Force Actuation. <i>Fluid Mechanics and Its Applications</i> , <b>2004</b> , 315-318	0.2	1
12	Full-scale aeroelastic simulations of hovering bat flight <b>2020</b> ,		1
11	Steady blowing to control the lift and drag on a free shear layer airfoil <b>2019</b> ,		1
10	Low-Order Modeling of Flapping Flight with Highly Articulated, Cambered, Heavy Wings. <i>AIAA Journal</i> ,1-10	2.1	1
9	Challenges for Lubrication in High Speed MEMS <b>2003</b> , 197-220		1
8	Cavities Improve the Power Factor of Low-Reynolds-Number Airfoils and Wings. <i>AIAA Journal</i> ,1-12	2.1	0
7	Visualization and Tracking of Electro spray Droplet Emissions Using Fluorescence and Holographic Techniques <b>2007</b> , 1047		
6	CONTROL OF TURBULENT FLOWS USING LORENTZ FORCE ACTUATION. <i>Lecture Notes Series, Institute for Mathematical Sciences</i> , <b>2005</b> , 325-356	0.1	
5	Optimization of the recursive least squares algorithm for capacitive strain sensing. <i>Engineering Research Express</i> , <b>2020</b> , 2, 046001	0.9	
4	Non-localized acoustic receptivity and subsequent disturbance growth in a Blasius boundary layer <b>2000</b> , 79-84		
3	Models for Adaptive Feedforward Control of Turbulence. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , <b>2008</b> , 219-227	0.3	
2	The Subharmonic Growth of a Wave-Packet in a Laminar Boundary Layer <b>1991</b> , 142-150		
1	Wall Distance Effects on Transition to Turbulence in Low-Reynolds-Number Separated Flows. <i>AIAA Journal</i> ,1-9	2.1	