

John K Eaton

List of Publications by Year in descending order

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162
papers

8,670
citations

70961

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43802

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162
times ranked

4101
citing authors

#	ARTICLE	IF	CITATIONS
1	Turbulent scalar flux in inclined jets in crossflow: counter gradient transport and deep learning modelling. <i>Journal of Fluid Mechanics</i> , 2021, 906, .	1.4	30
2	Velocity and concentration field measurements and large eddy simulation of a shaped film cooling hole. <i>International Journal of Heat and Fluid Flow</i> , 2021, 90, 108837.	1.1	4
3	Isotropic turbulence apparatus with a large vertical extent. <i>Experiments in Fluids</i> , 2021, 62, 1.	1.1	5
4	Magnetic Resonance Imaging measurements of scalar dispersion for a scaled urban transient release. <i>Building and Environment</i> , 2021, 205, 108163.	3.0	2
5	On the generality of tensor basis neural networks for turbulent scalar flux modeling. <i>International Communications in Heat and Mass Transfer</i> , 2021, 128, 105626.	2.9	10
6	Conjugate Heat Transfer Analysis Using the Discrete Green's Function. <i>Journal of Heat Transfer</i> , 2021, 143, .	1.2	0
7	In Vitro Assessment of Right Ventricular Outflow Tract Anatomy and Valve Orientation Effects on Bioprosthetic Pulmonary Valve Hemodynamics. <i>Cardiovascular Engineering and Technology</i> , 2021, 12, 215-231.	0.7	8
8	Large-eddy simulation study of unsteady wake dynamics and geometric sensitivity on a skewed bump. <i>Journal of Fluid Mechanics</i> , 2020, 885, .	1.4	4
9	Shear layer of inclined jets in crossflow studied with spectral proper orthogonal decomposition and spectral transfer entropy. <i>International Journal of Heat and Mass Transfer</i> , 2020, 147, 118972.	2.5	10
10	Temperature statistics in a radiatively heated particle-laden turbulent square duct flow. <i>International Journal of Heat and Fluid Flow</i> , 2020, 84, 108618.	1.1	14
11	Transport and dispersion of particle-laden streaks in a standardized human nasal geometry. <i>Experiments in Fluids</i> , 2020, 61, 1.	1.1	5
12	The 2019 MRV challenge: turbulent flow through a U-bend. <i>Experiments in Fluids</i> , 2020, 61, 1.	1.1	10
13	An improved three-dimensional concentration measurement technique using magnetic resonance imaging. <i>Experiments in Fluids</i> , 2020, 61, 1.	1.1	4
14	Generalization of Machine-Learned Turbulent Heat Flux Models Applied to Film Cooling Flows. <i>Journal of Turbomachinery</i> , 2020, 142, .	0.9	17
15	The Discrete Green's Function for Convective Heat Transfer—Part 1: Definition and Physical Understanding. <i>Journal of Heat Transfer</i> , 2020, 142, .	1.2	4
16	The Discrete Green's Function for Convective Heat Transfer—Part 2: Semi-Analytical Estimates of Boundary Layer Discrete Green's Function—Part 2. <i>Journal of Heat Transfer</i> , 2020, 142, .	1.2	2
17	Experimental Study of Flow Inside a Centrifugal Fan Using Magnetic Resonance Velocimetry. <i>Journal of Engineering for Gas Turbines and Power</i> , 2020, 142, .	0.5	1
18	Experimental Analysis of a Particle Separator Design With Full-Field Three-Dimensional Measurements. <i>Journal of Turbomachinery</i> , 2020, 142, .	0.9	2

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19	Effects of motion on MRI signal decay from micron-scale particles. Journal of Magnetic Resonance, 2019, 305, 152-161.	1.2	2
20	Enriching MRI mean flow data of inclined jets in crossflow with Large Eddy Simulations. International Journal of Heat and Fluid Flow, 2019, 80, 108472.	1.1	15
21	Stochastic modeling of direct radiation transmission in particle-laden turbulent flow. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 226, 1-18.	1.1	15
22	Experimental Study of Periodic Free Stream Unsteadiness Effects on Discrete Hole Film Cooling in Two Geometries. Journal of Turbomachinery, 2019, 141, .	0.9	3
23	3D MRI measurements of the effects of wind direction on flow characteristics and contaminant dispersion in a model urban canopy. Environmental Fluid Mechanics, 2019, 19, 851-878.	0.7	8
24	Physical Interpretation of Machine Learning Models Applied to Film Cooling Flows. Journal of Turbomachinery, 2019, 141, .	0.9	23
25	Measurements in discrete hole film cooling behavior with periodic freestream unsteadiness. Experiments in Fluids, 2018, 59, 1.	1.1	12
26	A Machine Learning Approach for Determining the Turbulent Diffusivity in Film Cooling Flows. Journal of Turbomachinery, 2018, 140, .	0.9	47
27	Investigation of geometric sensitivity of a non-axisymmetric bump: 3D mean velocity measurements. Experiments in Fluids, 2018, 59, 1.	1.1	6
28	Experimental Study of Periodic Free Stream Unsteadiness Effects on Discrete Hole Film Cooling in Two Geometries. , 2018, , .		1
29	Unsteady vortex structures in the wake of nonaxisymmetric bumps using spiral MRV. Experiments in Fluids, 2018, 59, 1.	1.1	4
30	3D Measurements of coupled freestream turbulence and secondary flow effects on film cooling. Experiments in Fluids, 2018, 59, 1.	1.1	2
31	Development and validation of an MRI-based method for 3D particle concentration measurement. International Journal of Heat and Fluid Flow, 2018, 71, 275-287.	1.1	6
32	Turbulent Scalar Mixing in a Skewed Jet in Crossflow: Experiments and Modeling. Flow, Turbulence and Combustion, 2017, 98, 781-801.	1.4	24
33	Transport of Microparticles in a Turbulated Serpentine Passage. , 2017, , .		3
34	Analysis of Turbulent Scalar Flux Models for a Discrete Hole Film Cooling Flow. Journal of Turbomachinery, 2016, 138, .	0.9	38
35	Validation of magnetic resonance concentration measurements with adiabatic wall temperature measurements. Experiments in Fluids, 2016, 57, 1.	1.1	2
36	Validation of Magnetic Resonance Thermometry through Experimental and Computational Approaches. , 2016, , .		7

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37	Oscillatory flow in the human airways from the mouth through several bronchial generations. International Journal of Heat and Fluid Flow, 2016, 61, 45-57.	1.1	28
38	Film Cooling Effectiveness Improvements Using a Nondiffusing Oval Hole. Journal of Turbomachinery, 2016, 138, .	0.9	11
39	Three-dimensional flow field around and downstream of a subscale model rotating vertical axis wind turbine. Experiments in Fluids, 2016, 57, 1.	1.1	47
40	Building Block Experiments in Discrete Hole Film Cooling. , 2015, , .		4
41	Quantitative MRI Measurements of Hot Streak Development in a Turbine Vane Cascade. , 2015, , .		2
42	The Effect of Land Taper Angle on Trailing Edge Slot Film Cooling. Journal of Turbomachinery, 2015, 137, .	0.9	15
43	Optimal Turbulent Schmidt Number for RANS Modeling of Trailing Edge Slot Film Cooling. Journal of Engineering for Gas Turbines and Power, 2015, 137, .	0.5	16
44	Shock boundary layer interactions in a low aspect ratio duct. International Journal of Heat and Fluid Flow, 2015, 51, 353-371.	1.1	12
45	Near Wall Modeling for Trailing Edge Slot Film Cooling. Journal of Fluids Engineering, Transactions of the ASME, 2015, 137, .	0.8	7
46	Optimal Turbulent Schmidt Number for RANS Modeling of Trailing Edge Slot Film Cooling. , 2014, , .		2
47	Three-Dimensional Mass Fraction Distribution of a Spray Measured by X-Ray Computed Tomography. Journal of Engineering for Gas Turbines and Power, 2014, 136, .	0.5	17
48	Endwall Vortex Effects on Turbulent Dispersion of Film Coolant in a Turbine Vane Cascade. , 2014, , .		1
49	Confinement effects in shock wave/turbulent boundary layer interactions through wall-modelled large-eddy simulations. Journal of Fluid Mechanics, 2014, 758, 5-62.	1.4	108
50	Analysis of oxide (Al ₂ O ₃ , CuO, and ZnO) and CNT nanoparticles disaggregation effect on the thermal conductivity and the viscosity of nanofluids. International Journal of Precision Engineering and Manufacturing, 2014, 15, 703-710.	1.1	18
51	Comparison of magnetic resonance concentration measurements in water to temperature measurements in compressible air flows. Experiments in Fluids, 2014, 55, 1.	1.1	11
52	A matching pursuit approach to solenoidal filtering of three-dimensional velocity measurements. Journal of Computational Physics, 2014, 263, 206-221.	1.9	39
53	Sensitivity of an asymmetric, three-dimensional diffuser to inlet condition perturbations. International Journal of Heat and Fluid Flow, 2014, 49, 100-107.	1.1	6
54	A comprehensive model of magnetic particle motion during magnetic drug targeting. International Journal of Multiphase Flow, 2014, 59, 173-185.	1.6	48

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55	Flow Separation Control in an Annular to Conical Diffuser Using Two-Dimensional and Three-Dimensional Wall Steps. Journal of Fluids Engineering, Transactions of the ASME, 2013, 135, .	0.8	2
56	Experimental-Based Redesigns for Trailing Edge Film Cooling of Gas Turbine Blades. Journal of Turbomachinery, 2013, 135, .	0.9	6
57	Local mass transfer measurements for corals and other complex geometries using gypsum dissolution. Experiments in Fluids, 2013, 54, 1.	1.1	5
58	Shear thinning effects on blood flow in straight and curved tubes. Physics of Fluids, 2013, 25, .	1.6	43
59	An inclined jet in crossflow under the effect of streamwise pressure gradients. Experiments in Fluids, 2013, 54, 1.	1.1	25
60	Three-Dimensional Velocity and Scalar Field Measurements of an Airfoil Trailing Edge With Slot Film Cooling: The Effect of an Internal Structure in the Slot. Journal of Turbomachinery, 2013, 135, .	0.9	12
61	Experimentally informed optimization of turbulent diffusivity for a discrete hole film cooling geometry. International Journal of Heat and Fluid Flow, 2013, 44, 348-357.	1.1	16
62	Measurements of a Trailing Edge Slot Film Cooling Geometry Designed for Reduced Coolant Flowrate and High Surface Effectiveness. , 2013, , .		3
63	Film-Cooled Trailing Edge Measurements: 3D Velocity and Scalar Field. Journal of Turbomachinery, 2013, 135, .	0.9	0
64	Heat Transfer Coefficient Measurements on the Film-Cooled Pressure Surface of a Transonic Airfoil. Journal of Turbomachinery, 2013, 135, .	0.9	2
65	Heat Transfer and Pressure Drop of Lotus-Type Porous Metals. Journal of Heat Transfer, 2013, 135, .	1.2	11
66	Three-Dimensional Velocity Measurements of Film Cooling Flow Under Favorable Pressure Gradient. , 2012, , .		3
67	Heat Transfer Performance of Lotus-Type Porous Metals. , 2012, , .		0
68	Experimental-Based Redesigns for Trailing Edge Film Cooling of Gas Turbine Blades. , 2012, , .		1
69	3D Velocity and Scalar Field Measurements of an Airfoil Trailing Edge With Slot Film Cooling: The Effect of an Internal Structure in the Slot. , 2012, , .		3
70	Separation control in a conical diffuser with an annular inlet: center body wake separation. Experiments in Fluids, 2012, 53, 1317-1326.	1.1	18
71	Effects of varying Reynolds number, blowing ratio, and internal geometry on trailing edge cutback film cooling. Experiments in Fluids, 2012, 52, 1415-1430.	1.1	29
72	Magnetic Resonance Imaging Studies of Flow and Mixing for Single-Hole Film Cooling. , 2011, , .		3

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73	Film-Cooled Trailing Edge Measurements: 3D Velocity and Scalar Field. , 2011, , .		0
74	Full-field measurements of flow through a scaled metal foam replica. Experiments in Fluids, 2011, 50, 1571-1585.	1.1	42
75	Measurements of 3D velocity and scalar field for a film-cooled airfoil trailing edge. Experiments in Fluids, 2011, 51, 443-455.	1.1	50
76	Particle size, magnetic field, and blood velocity effects on particle retention in magnetic drug targeting. Medical Physics, 2010, 37, 175-182.	1.6	70
77	Heat transfer coefficient measurements on the pressure surface of a transonic airfoil. Experiments in Fluids, 2010, 48, 185-196.	1.1	3
78	Three-dimensional concentration field measurements in a mixing layer using magnetic resonance imaging. Experiments in Fluids, 2010, 49, 43-55.	1.1	50
79	Heat transfer measurements for jet impingement arrays with local extraction. International Journal of Heat and Fluid Flow, 2010, 31, 460-467.	1.1	28
80	Three-dimensional velocity measurements in annular diffuser segments including the effects of upstream strut wakes. International Journal of Heat and Fluid Flow, 2010, 31, 569-575.	1.1	11
81	Sub-Kolmogorov resolution partial image velocimetry measurements of particle-laden forced turbulence. Journal of Fluid Mechanics, 2010, 643, 177-206.	1.4	91
82	Film Effectiveness Measurements on the Pressure Surface of a Transonic Airfoil. Journal of Propulsion and Power, 2010, 26, 837-847.	1.3	12
83	Nanofluid Convection in Microtubes. Journal of Heat Transfer, 2010, 132, .	1.2	34
84	An Experimental Study of the Flow Around a Formula One Racing Car Tire. Journal of Fluids Engineering, Transactions of the ASME, 2010, 132, .	0.8	19
85	Turbulent Dispersed Multiphase Flow. Annual Review of Fluid Mechanics, 2010, 42, 111-133.	10.8	1,247
86	Convective Performance of Nanofluids in a Laminar Thermally Developing Tube Flow. Journal of Heat Transfer, 2009, 131, .	1.2	43
87	A Method for Determining the Heat Transfer Properties of Foam-Fins. Journal of Heat Transfer, 2009, 131, .	1.2	16
88	Full-Field Flow Measurements and Heat Transfer of a Compact Jet Impingement Array With Local Extraction of Spent Fluid. Journal of Heat Transfer, 2009, 131, .	1.2	23
89	Three-dimensional magnetic resonance velocimetry measurements of turbulence quantities in complex flow. Experiments in Fluids, 2009, 46, 285-296.	1.1	55
90	Two-way coupled turbulence simulations of gas-particle flows using point-particle tracking. International Journal of Multiphase Flow, 2009, 35, 792-800.	1.6	150

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91	Pressure measurements in a three-dimensional separated diffuser. International Journal of Heat and Fluid Flow, 2009, 30, 1-2.	1.1	32
92	Evaluation of Alternatives for Two-Dimensional Linear Cascade Facilities. Journal of Turbomachinery, 2009, 131, .	0.9	7
93	High resolution PIV measurements around a model turbine blade trailing edge film-cooling breakout. Experiments in Fluids, 2008, 44, 199-209.	1.1	30
94	Geometric sensitivity of three-dimensional separated flows. International Journal of Heat and Fluid Flow, 2008, 29, 803-811.	1.1	99
95	Diffusion, aggregation, and the thermal conductivity of nanofluids. Applied Physics Letters, 2008, 93, .	1.5	65
96	Classification of Turbulence Modification by Dispersed Spheres Using a Novel Dimensionless Number. Physical Review Letters, 2008, 101, 114502.	2.9	99
97	Wake Vortex Control Using Static Segmented Gurney Flaps. AIAA Journal, 2007, 45, 321-328.	1.5	23
98	Novel Aerodynamic Device for Wake Vortex Alleviation. AIAA Journal, 2007, 45, 2350-2352.	1.5	3
99	Discrete Green's Function Measurements in a Serpentine Cooling Passage. Journal of Heat Transfer, 2007, 129, 1686-1696.	1.2	14
100	Optically Based Rapid Heat Transfer Measurements in Complex Internal Flows. Journal of Heat Transfer, 2007, 129, 1655-1665.	1.2	2
101	Wake Vortex Alleviation Using Rapidly Actuated Segmented Gurney Flaps. AIAA Journal, 2007, 45, 1874-1884.	1.5	26
102	Active Water Management for PEM Fuel Cells. Journal of the Electrochemical Society, 2007, 154, B1049.	1.3	61
103	Investigation of two-phase transport phenomena in microchannels using a microfabricated experimental structure. Applied Thermal Engineering, 2007, 27, 1728-1733.	3.0	5
104	A correction method for measuring turbulence kinetic energy dissipation rate by PIV. Experiments in Fluids, 2007, 42, 893-902.	1.1	107
105	Thermochromic liquid crystal temperature measurements through a borescope imaging system. Experiments in Fluids, 2007, 43, 475.	1.1	6
106	Angular effects on thermochromic liquid crystal thermography. Experiments in Fluids, 2007, 43, 929-937.	1.1	20
107	Two-Phase Microfluidics for Semiconductor Circuits and Fuel Cells. Heat Transfer Engineering, 2006, 27, 53-63.	1.2	15
108	Homogeneous and isotropic turbulence modulation by small heavy ($\sim 50\mu\text{m}$) particles. Journal of Fluid Mechanics, 2006, 564, 361.	1.4	101

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109	Turbulence measurements in a transonic two-passage turbine cascade. Experiments in Fluids, 2006, 40, 897-917.	1.1	15
110	Water management in proton exchange membrane fuel cells using integrated electroosmotic pumping. Journal of Power Sources, 2006, 161, 191-202.	4.0	108
111	Reynolds number scaling in a non-equilibrium turbulent boundary layer with mild adverse pressure gradient. International Journal of Heat and Fluid Flow, 2006, 27, 566-575.	1.1	8
112	On Momentum Coupling Methods for Calculation of Turbulence Attenuation in Dilute Particle-Laden Gas Flows. , 2006, , 39-42.		2
113	Discrete Greenâ€™s Function Measurements in Internal Flows. Journal of Heat Transfer, 2005, 127, 692-698.	1.2	22
114	Discrete Greenâ€™s Function Measurements in a Single Passage Turbine Model. Journal of Heat Transfer, 2005, 127, 366-377.	1.2	20
115	Fully resolved simulations of particle-turbulence interaction. Journal of Fluid Mechanics, 2005, 545, 67.	1.4	162
116	Convective Heat Transfer Near One-Dimensional and Two-Dimensional Wall Temperature Steps. Journal of Heat Transfer, 2004, 126, 202-210.	1.2	11
117	Effects of Wall Roughness on Particle Velocities in a Turbulent Channel Flow. Journal of Fluids Engineering, Transactions of the ASME, 2004, 127, 250.	0.8	47
118	Spanwise Response Variation for Partial-Span Gurney-Type Flaps. AIAA Journal, 2004, 42, 1640-1643.	1.5	9
119	Dynamic Flow Response Due to Motion of Partial-Span Gurney-Type Flaps. AIAA Journal, 2004, 42, 1729-1736.	1.5	9
120	Flow structures of a separating, reattaching, and recovering boundary layer for a large range of Reynolds number. Experiments in Fluids, 2004, 36, 642-653.	1.1	23
121	Parameters controlling roughness effects in a separating boundary layer. International Journal of Heat and Fluid Flow, 2004, 25, 444-450.	1.1	21
122	Experimental Investigation and Visualization of Two-Phase Flow and Water Transport in Microchannels. , 2004, , .		4
123	1D Homogeneous Modeling of Microchannel Two-Phase Flow With Distributed Liquid Water Injection From Walls. , 2004, , .		3
124	Experimental Aerodynamics of Mesoscale Trailing-Edge Actuators. AIAA Journal, 2002, 40, 2538-2540.	1.5	11
125	High-resolution simulations of particleâ€™eddy interactions. Powder Technology, 2002, 125, 104-110.	2.1	5
126	Analysis of a Fractional-Step Method on Overset Grids. Journal of Computational Physics, 2002, 177, 336-364.	1.9	38

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127	On the preferential concentration of solid particles in turbulent channel flow. <i>Journal of Fluid Mechanics</i> , 2001, 428, 149-169.	1.4	275
128	Practical Experience With the Discrete Greenâ€™s Function Approach to Convective Heat Transfer. <i>Journal of Heat Transfer</i> , 2001, 123, 70-76.	1.2	24
129	Structure of a swirling, recirculating coaxial free jet and its effect on particle motion. <i>International Journal of Multiphase Flow</i> , 2001, 27, 949-970.	1.6	39
130	A Novel Mini Calibrator for Thermochromic Liquid Crystals. <i>Journal of Heat Transfer</i> , 2001, 123, 604-607.	1.2	4
131	Turbulent heat and momentum transport on a rotating disk. <i>Journal of Fluid Mechanics</i> , 2000, 402, 225-253.	1.4	36
132	A general method for calculating the heat island correction and uncertainties for button gauges. <i>Measurement Science and Technology</i> , 2000, 11, 920-932.	1.4	9
133	Reynolds-number scaling of the flat-plate turbulent boundary layer. <i>Journal of Fluid Mechanics</i> , 2000, 422, 319-346.	1.4	666
134	Experimental Investigation of Flow Through an Asymmetric Plane Diffuser. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2000, 122, 433-435.	0.8	76
135	Effect of Injected Longitudinal Vorticity on Particle Dispersion in a Swirling, Coaxial Jet. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 1999, 121, 766-772.	0.8	10
136	Turbulence modification by particles in a backward-facing step flow. <i>Journal of Fluid Mechanics</i> , 1999, 394, 97-117.	1.4	184
137	The effect of Reynolds number on boundary layer turbulence. <i>Experimental Thermal and Fluid Science</i> , 1998, 18, 341-346.	1.5	17
138	Near-wall measurements in a three-dimensional turbulent boundary layer. <i>Journal of Fluid Mechanics</i> , 1997, 350, 189-208.	1.4	18
139	Particle response in a planar sudden expansion flow. <i>Experimental Thermal and Fluid Science</i> , 1997, 15, 413-423.	1.5	47
140	Effects of mean flow three dimensionality on turbulent boundary-layer structure. <i>AIAA Journal</i> , 1995, 33, 2020-2025.	1.5	41
141	An Experimental Investigation of the Flow Between Corotating Disks with Through-Hub Ventilation Using LDA. , 1995, , 5-27.		1
142	Active open-loop control of particle dispersion in round jets. <i>AIAA Journal</i> , 1994, 32, 555-563.	1.5	24
143	Experiments and Simulations on Turbulence Modification by Dispersed Particles. <i>Applied Mechanics Reviews</i> , 1994, 47, S44-S48.	4.5	19
144	Illuminant invariant calibration of thermochromic liquid crystals. <i>Experimental Thermal and Fluid Science</i> , 1994, 9, 1-12.	1.5	124

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145	Preferential concentration of heavy particles in a turbulent channel flow. <i>Physics of Fluids</i> , 1994, 6, 3742-3749.	1.6	415
146	Near field of a coaxial jet with and without axial excitation. <i>AIAA Journal</i> , 1994, 32, 542-546.	1.5	61
147	Turbulence characteristics of the boundary layer on a rotating disk. <i>Journal of Fluid Mechanics</i> , 1994, 266, 175-207.	1.4	96
148	Diverging boundary layers with zero streamwise pressure gradient and no wall curvature. <i>AIAA Journal</i> , 1993, 31, 2212-2219.	1.5	5
149	Experimental Investigation of the Three-Dimensional Boundary Layer on a Rotating Disk. , 1993, , 403-414.		1
150	Turbulence measurements for a longitudinal vortex interacting with a three-dimensional turbulent boundary layer. <i>AIAA Journal</i> , 1992, 30, 49-55.	1.5	39
151	Control of jet structure by crown-shaped nozzles. <i>AIAA Journal</i> , 1992, 30, 505-512.	1.5	75
152	Structure of a particle-laden round jet. <i>Journal of Fluid Mechanics</i> , 1992, 236, 217-257.	1.4	314
153	Unsteady flowfield behind a vortex generator rapidly pitched to angle of attack. <i>AIAA Journal</i> , 1991, 29, 577-584.	1.5	6
154	Preferential concentration of particles by turbulence. <i>Physics of Fluids A, Fluid Dynamics</i> , 1991, 3, 1169-1178.	1.6	756
155	Measurements of particle dispersion obtained from direct numerical simulations of isotropic turbulence. <i>Journal of Fluid Mechanics</i> , 1991, 226, 1-35.	1.4	235
156	Lagrangian and Eulerian statistics obtained from direct numerical simulations of homogeneous turbulence. <i>Physics of Fluids A, Fluid Dynamics</i> , 1991, 3, 130-143.	1.6	58
157	Particle response and turbulence modification in isotropic turbulence. <i>Physics of Fluids A, Fluid Dynamics</i> , 1990, 2, 1191-1203.	1.6	517
158	Reynolds stress development in pressure-driven three-dimensional turbulent boundary layers. <i>Journal of Fluid Mechanics</i> , 1989, 202, 263-294.	1.4	77
159	The flow between shrouded corotating disks. <i>Physics of Fluids A, Fluid Dynamics</i> , 1989, 1, 241-251.	1.6	77
160	Experimental study of the development of longitudinal vortex pairs embedded in a turbulent boundary layer. <i>AIAA Journal</i> , 1988, 26, 816-823.	1.5	202
161	THE EFFECTS OF LONGITUDINAL VORTICES EMBEDDED IN A TURBULENT BOUNDARY LAYER ON MOMENTUM AND THERMAL TRANSPORT. , 1986, , .		11
162	An experimental investigation of gas-particle flows through diffusers in the freeboard region of fluidized beds. <i>International Journal of Multiphase Flow</i> , 1985, 11, 659-674.	1.6	10