

John K Eaton

List of Publications by Year in descending order

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162
papers

8,670
citations

70961

41
h-index

43802

91
g-index

162
all docs

162
docs citations

162
times ranked

4101
citing authors

#	ARTICLE	IF	CITATIONS
1	Turbulent Dispersed Multiphase Flow. Annual Review of Fluid Mechanics, 2010, 42, 111-133.	10.8	1,247
2	Preferential concentration of particles by turbulence. Physics of Fluids A, Fluid Dynamics, 1991, 3, 1169-1178.	1.6	756
3	Reynolds-number scaling of the flat-plate turbulent boundary layer. Journal of Fluid Mechanics, 2000, 422, 319-346.	1.4	666
4	Particle response and turbulence modification in isotropic turbulence. Physics of Fluids A, Fluid Dynamics, 1990, 2, 1191-1203.	1.6	517
5	Preferential concentration of heavy particles in a turbulent channel flow. Physics of Fluids, 1994, 6, 3742-3749.	1.6	415
6	Structure of a particle-laden round jet. Journal of Fluid Mechanics, 1992, 236, 217-257.	1.4	314
7	On the preferential concentration of solid particles in turbulent channel flow. Journal of Fluid Mechanics, 2001, 428, 149-169.	1.4	275
8	Measurements of particle dispersion obtained from direct numerical simulations of isotropic turbulence. Journal of Fluid Mechanics, 1991, 226, 1-35.	1.4	235
9	Experimental study of the development of longitudinal vortex pairs embedded in a turbulent boundary layer. AIAA Journal, 1988, 26, 816-823.	1.5	202
10	Turbulence modification by particles in a backward-facing step flow. Journal of Fluid Mechanics, 1999, 394, 97-117.	1.4	184
11	Fully resolved simulations of particle-turbulence interaction. Journal of Fluid Mechanics, 2005, 545, 67.	1.4	162
12	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
13	Illuminant invariant calibration of thermochromic liquid crystals. Experimental Thermal and Fluid Science, 1994, 9, 1-12.	1.5	124
14	Water management in proton exchange membrane fuel cells using integrated electroosmotic pumping. Journal of Power Sources, 2006, 161, 191-202.	4.0	108
15	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
16	A correction method for measuring turbulence kinetic energy dissipation rate by PIV. Experiments in Fluids, 2007, 42, 893-902.	1.1	107
17	Homogeneous and isotropic turbulence modulation by small heavy ($\sim 50\mu\text{m}$) particles. Journal of Fluid Mechanics, 2006, 564, 361.	1.4	101
18	Geometric sensitivity of three-dimensional separated flows. International Journal of Heat and Fluid Flow, 2008, 29, 803-811.	1.1	99

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19	Classification of Turbulence Modification by Dispersed Spheres Using a Novel Dimensionless Number. <i>Physical Review Letters</i> , 2008, 101, 114502.	2.9	99
20	Turbulence characteristics of the boundary layer on a rotating disk. <i>Journal of Fluid Mechanics</i> , 1994, 266, 175-207.	1.4	96
21	Sub-Kolmogorov resolution partial image velocimetry measurements of particle-laden forced turbulence. <i>Journal of Fluid Mechanics</i> , 2010, 643, 177-206.	1.4	91
22	Reynolds stress development in pressure-driven three-dimensional turbulent boundary layers. <i>Journal of Fluid Mechanics</i> , 1989, 202, 263-294.	1.4	77
23	The flow between shrouded corotating disks. <i>Physics of Fluids A, Fluid Dynamics</i> , 1989, 1, 241-251.	1.6	77
24	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
25	Control of jet structure by crown-shaped nozzles. <i>AIAA Journal</i> , 1992, 30, 505-512.	1.5	75
26	Particle size, magnetic field, and blood velocity effects on particle retention in magnetic drug targeting. <i>Medical Physics</i> , 2010, 37, 175-182.	1.6	70
27	Diffusion, aggregation, and the thermal conductivity of nanofluids. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	65
28	Near field of a coaxial jet with and without axial excitation. <i>AIAA Journal</i> , 1994, 32, 542-546.	1.5	61
29	Active Water Management for PEM Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2007, 154, B1049.	1.3	61
30	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
31	Three-dimensional magnetic resonance velocimetry measurements of turbulence quantities in complex flow. <i>Experiments in Fluids</i> , 2009, 46, 285-296.	1.1	55
32	Three-dimensional concentration field measurements in a mixing layer using magnetic resonance imaging. <i>Experiments in Fluids</i> , 2010, 49, 43-55.	1.1	50
33	Measurements of 3D velocity and scalar field for a film-cooled airfoil trailing edge. <i>Experiments in Fluids</i> , 2011, 51, 443-455.	1.1	50
34	A comprehensive model of magnetic particle motion during magnetic drug targeting. <i>International Journal of Multiphase Flow</i> , 2014, 59, 173-185.	1.6	48
35	Particle response in a planar sudden expansion flow. <i>Experimental Thermal and Fluid Science</i> , 1997, 15, 413-423.	1.5	47
36	Effects of Wall Roughness on Particle Velocities in a Turbulent Channel Flow. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2004, 127, 250.	0.8	47

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37	Three-dimensional flow field around and downstream of a subscale model rotating vertical axis wind turbine. <i>Experiments in Fluids</i> , 2016, 57, 1.	1.1	47
38	A Machine Learning Approach for Determining the Turbulent Diffusivity in Film Cooling Flows. <i>Journal of Turbomachinery</i> , 2018, 140, .	0.9	47
39	Convective Performance of Nanofluids in a Laminar Thermally Developing Tube Flow. <i>Journal of Heat Transfer</i> , 2009, 131, .	1.2	43
40	Shear thinning effects on blood flow in straight and curved tubes. <i>Physics of Fluids</i> , 2013, 25, .	1.6	43
41	Full-field measurements of flow through a scaled metal foam replica. <i>Experiments in Fluids</i> , 2011, 50, 1571-1585.	1.1	42
42	Effects of mean flow three dimensionality on turbulent boundary-layer structure. <i>AIAA Journal</i> , 1995, 33, 2020-2025.	1.5	41
43	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
44	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
45	A matching pursuit approach to solenoidal filtering of three-dimensional velocity measurements. <i>Journal of Computational Physics</i> , 2014, 263, 206-221.	1.9	39
46	Analysis of a Fractional-Step Method on Overset Grids. <i>Journal of Computational Physics</i> , 2002, 177, 336-364.	1.9	38
47	Analysis of Turbulent Scalar Flux Models for a Discrete Hole Film Cooling Flow. <i>Journal of Turbomachinery</i> , 2016, 138, .	0.9	38
48	Turbulent heat and momentum transport on a rotating disk. <i>Journal of Fluid Mechanics</i> , 2000, 402, 225-253.	1.4	36
49	Nanofluid Convection in Microtubes. <i>Journal of Heat Transfer</i> , 2010, 132, .	1.2	34
50	Pressure measurements in a three-dimensional separated diffuser. <i>International Journal of Heat and Fluid Flow</i> , 2009, 30, 1-2.	1.1	32
51	High resolution PIV measurements around a model turbine blade trailing edge film-cooling breakout. <i>Experiments in Fluids</i> , 2008, 44, 199-209.	1.1	30
52	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
53	Effects of varying Reynolds number, blowing ratio, and internal geometry on trailing edge cutback film cooling. <i>Experiments in Fluids</i> , 2012, 52, 1415-1430.	1.1	29
54	Heat transfer measurements for jet impingement arrays with local extraction. <i>International Journal of Heat and Fluid Flow</i> , 2010, 31, 460-467.	1.1	28

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55	Oscillatory flow in the human airways from the mouth through several bronchial generations. <i>International Journal of Heat and Fluid Flow</i> , 2016, 61, 45-57.	1.1	28
56	Wake Vortex Alleviation Using Rapidly Actuated Segmented Gurney Flaps. <i>AIAA Journal</i> , 2007, 45, 1874-1884.	1.5	26
57	An inclined jet in crossflow under the effect of streamwise pressure gradients. <i>Experiments in Fluids</i> , 2013, 54, 1.	1.1	25
58	Active open-loop control of particle dispersion in round jets. <i>AIAA Journal</i> , 1994, 32, 555-563.	1.5	24
59	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
60	Turbulent Scalar Mixing in a Skewed Jet in Crossflow: Experiments and Modeling. <i>Flow, Turbulence and Combustion</i> , 2017, 98, 781-801.	1.4	24
61	Flow structures of a separating, reattaching, and recovering boundary layer for a large range of Reynolds number. <i>Experiments in Fluids</i> , 2004, 36, 642-653.	1.1	23
62	Wake Vortex Control Using Static Segmented Gurney Flaps. <i>AIAA Journal</i> , 2007, 45, 321-328.	1.5	23
63	Full-Field Flow Measurements and Heat Transfer of a Compact Jet Impingement Array With Local Extraction of Spent Fluid. <i>Journal of Heat Transfer</i> , 2009, 131, .	1.2	23
64	Physical Interpretation of Machine Learning Models Applied to Film Cooling Flows. <i>Journal of Turbomachinery</i> , 2019, 141, .	0.9	23
65	Discrete Greenâ€™s Function Measurements in Internal Flows. <i>Journal of Heat Transfer</i> , 2005, 127, 692-698.	1.2	22
66	Parameters controlling roughness effects in a separating boundary layer. <i>International Journal of Heat and Fluid Flow</i> , 2004, 25, 444-450.	1.1	21
67	Discrete Greenâ€™s Function Measurements in a Single Passage Turbine Model. <i>Journal of Heat Transfer</i> , 2005, 127, 366-377.	1.2	20
68	Angular effects on thermochromic liquid crystal thermography. <i>Experiments in Fluids</i> , 2007, 43, 929-937.	1.1	20
69	Experiments and Simulations on Turbulence Modification by Dispersed Particles. <i>Applied Mechanics Reviews</i> , 1994, 47, S44-S48.	4.5	19
70	An Experimental Study of the Flow Around a Formula One Racing Car Tire. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2010, 132, .	0.8	19
71	Near-wall measurements in a three-dimensional turbulent boundary layer. <i>Journal of Fluid Mechanics</i> , 1997, 350, 189-208.	1.4	18
72	Separation control in a conical diffuser with an annular inlet: center body wake separation. <i>Experiments in Fluids</i> , 2012, 53, 1317-1326.	1.1	18

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73	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
74	The effect of Reynolds number on boundary layer turbulence. Experimental Thermal and Fluid Science, 1998, 18, 341-346.	1.5	17
75	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
76	Generalization of Machine-Learned Turbulent Heat Flux Models Applied to Film Cooling Flows. Journal of Turbomachinery, 2020, 142, .	0.9	17
77	A Method for Determining the Heat Transfer Properties of Foam-Fins. Journal of Heat Transfer, 2009, 131, .	1.2	16
78	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
79	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
80	Two-Phase Microfluidics for Semiconductor Circuits and Fuel Cells. Heat Transfer Engineering, 2006, 27, 53-63.	1.2	15
81	Turbulence measurements in a transonic two-passage turbine cascade. Experiments in Fluids, 2006, 40, 897-917.	1.1	15
82	The Effect of Land Taper Angle on Trailing Edge Slot Film Cooling. Journal of Turbomachinery, 2015, 137, .	0.9	15
83	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
84	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
85	Discrete Green's Function Measurements in a Serpentine Cooling Passage. Journal of Heat Transfer, 2007, 129, 1686-1696.	1.2	14
86	Temperature statistics in a radiatively heated particle-laden turbulent square duct flow. International Journal of Heat and Fluid Flow, 2020, 84, 108618.	1.1	14
87	Film Effectiveness Measurements on the Pressure Surface of a Transonic Airfoil. Journal of Propulsion and Power, 2010, 26, 837-847.	1.3	12
88	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
89	Shock boundary layer interactions in a low aspect ratio duct. International Journal of Heat and Fluid Flow, 2015, 51, 353-371.	1.1	12
90	Measurements in discrete hole film cooling behavior with periodic freestream unsteadiness. Experiments in Fluids, 2018, 59, 1.	1.1	12

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91	Experimental Aerodynamics of Mesoscale Trailing-Edge Actuators. AIAA Journal, 2002, 40, 2538-2540.	1.5	11
92	Convective Heat Transfer Near One-Dimensional and Two-Dimensional Wall Temperature Steps. Journal of Heat Transfer, 2004, 126, 202-210.	1.2	11
93	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
94	Heat Transfer and Pressure Drop of Lotus-Type Porous Metals. Journal of Heat Transfer, 2013, 135, .	1.2	11
95	Comparison of magnetic resonance concentration measurements in water to temperature measurements in compressible air flows. Experiments in Fluids, 2014, 55, 1.	1.1	11
96	Film Cooling Effectiveness Improvements Using a Nondiffusing Oval Hole. Journal of Turbomachinery, 2016, 138, .	0.9	11
97	THE EFFECTS OF LONGITUDINAL VORTICES EMBEDDED IN A TURBULENT BOUNDARY LAYER ON MOMENTUM AND THERMAL TRANSPORT. , 1986, , .		11
98	An experimental investigation of gas-particle flows through diffusers in the freeboard region of fluidized beds. International Journal of Multiphase Flow, 1985, 11, 659-674.	1.6	10
99	Effect of Injected Longitudinal Vorticity on Particle Dispersion in a Swirling, Coaxial Jet. Journal of Fluids Engineering, Transactions of the ASME, 1999, 121, 766-772.	0.8	10
100	Shear layer of inclined jets in crossflow studied with spectral proper orthogonal decomposition and spectral transfer entropy. International Journal of Heat and Mass Transfer, 2020, 147, 118972.	2.5	10
101	The 2019 MRV challenge: turbulent flow through a U-bend. Experiments in Fluids, 2020, 61, 1.	1.1	10
102	On the generality of tensor basis neural networks for turbulent scalar flux modeling. International Communications in Heat and Mass Transfer, 2021, 128, 105626.	2.9	10
103	A general method for calculating the heat island correction and uncertainties for button gauges. Measurement Science and Technology, 2000, 11, 920-932.	1.4	9
104	Spanwise Response Variation for Partial-Span Gurney-Type Flaps. AIAA Journal, 2004, 42, 1640-1643.	1.5	9
105	Dynamic Flow Response Due to Motion of Partial-Span Gurney-Type Flaps. AIAA Journal, 2004, 42, 1729-1736.	1.5	9
106	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
107	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
108	In Vitro Assessment of Right Ventricular Outflow Tract Anatomy and Valve Orientation Effects on Bioprosthetic Pulmonary Valve Hemodynamics. Cardiovascular Engineering and Technology, 2021, 12, 215-231.	0.7	8

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109	Evaluation of Alternatives for Two-Dimensional Linear Cascade Facilities. Journal of Turbomachinery, 2009, 131, .	0.9	7
110	Near Wall Modeling for Trailing Edge Slot Film Cooling. Journal of Fluids Engineering, Transactions of the ASME, 2015, 137, .	0.8	7
111	Validation of Magnetic Resonance Thermometry through Experimental and Computational Approaches. , 2016, , .		7
112	Unsteady flowfield behind a vortex generator rapidly pitched to angle of attack. AIAA Journal, 1991, 29, 577-584.	1.5	6
113	Thermochromic liquid crystal temperature measurements through a borescope imaging system. Experiments in Fluids, 2007, 43, 475.	1.1	6
114	Experimental-Based Redesigns for Trailing Edge Film Cooling of Gas Turbine Blades. Journal of Turbomachinery, 2013, 135, .	0.9	6
115	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
116	Investigation of geometric sensitivity of a non-axisymmetric bump: 3D mean velocity measurements. Experiments in Fluids, 2018, 59, 1.	1.1	6
117	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
118	Diverging boundary layers with zero streamwise pressure gradient and no wall curvature. AIAA Journal, 1993, 31, 2212-2219.	1.5	5
119	High-resolution simulations of particle-“eddy interactions. Powder Technology, 2002, 125, 104-110.	2.1	5
120	Investigation of two-phase transport phenomena in microchannels using a microfabricated experimental structure. Applied Thermal Engineering, 2007, 27, 1728-1733.	3.0	5
121	Local mass transfer measurements for corals and other complex geometries using gypsum dissolution. Experiments in Fluids, 2013, 54, 1.	1.1	5
122	Transport and dispersion of particle-Laden streaks in a standardized human nasal geometry. Experiments in Fluids, 2020, 61, 1.	1.1	5
123	Isotropic turbulence apparatus with a large vertical extent. Experiments in Fluids, 2021, 62, 1.	1.1	5
124	Building Block Experiments in Discrete Hole Film Cooling. , 2015, , .		4
125	Unsteady vortex structures in the wake of nonaxisymmetric bumps using spiral MRV. Experiments in Fluids, 2018, 59, 1.	1.1	4
126	Large-eddy simulation study of unsteady wake dynamics and geometric sensitivity on a skewed bump. Journal of Fluid Mechanics, 2020, 885, .	1.4	4

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127	An improved three-dimensional concentration measurement technique using magnetic resonance imaging. <i>Experiments in Fluids</i> , 2020, 61, 1.	1.1	4
128	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
129	A Novel Mini Calibrator for Thermochromic Liquid Crystals. <i>Journal of Heat Transfer</i> , 2001, 123, 604-607.	1.2	4
130	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
131	Experimental Investigation and Visualization of Two-Phase Flow and Water Transport in Microchannels. , 2004, , .		4
132	Novel Aerodynamic Device for Wake Vortex Alleviation. <i>AIAA Journal</i> , 2007, 45, 2350-2352.	1.5	3
133	Heat transfer coefficient measurements on the pressure surface of a transonic airfoil. <i>Experiments in Fluids</i> , 2010, 48, 185-196.	1.1	3
134	Magnetic Resonance Imaging Studies of Flow and Mixing for Single-Hole Film Cooling. , 2011, , .		3
135	Three-Dimensional Velocity Measurements of Film Cooling Flow Under Favorable Pressure Gradient. , 2012, , .		3
136	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
137	Measurements of a Trailing Edge Slot Film Cooling Geometry Designed for Reduced Coolant Flowrate and High Surface Effectiveness. , 2013, , .		3
138	Transport of Microparticles in a Turbulated Serpentine Passage. , 2017, , .		3
139	Experimental Study of Periodic Free Stream Unsteadiness Effects on Discrete Hole Film Cooling in Two Geometries. <i>Journal of Turbomachinery</i> , 2019, 141, .	0.9	3
140	1D Homogeneous Modeling of Microchannel Two-Phase Flow With Distributed Liquid Water Injection From Walls. , 2004, , .		3
141	Optically Based Rapid Heat Transfer Measurements in Complex Internal Flows. <i>Journal of Heat Transfer</i> , 2007, 129, 1655-1665.	1.2	2
142	Flow Separation Control in an Annular to Conical Diffuser Using Two-Dimensional and Three-Dimensional Wall Steps. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2013, 135, .	0.8	2
143	Heat Transfer Coefficient Measurements on the Film-Cooled Pressure Surface of a Transonic Airfoil. <i>Journal of Turbomachinery</i> , 2013, 135, .	0.9	2
144	Optimal Turbulent Schmidt Number for RANS Modeling of Trailing Edge Slot Film Cooling. , 2014, , .		2

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145	Quantitative MRI Measurements of Hot Streak Development in a Turbine Vane Cascade. , 2015, , .		2
146	Validation of magnetic resonance concentration measurements with adiabatic wall temperature measurements. Experiments in Fluids, 2016, 57, 1.	1.1	2
147	3D Measurements of coupled freestream turbulence and secondary flow effects on film cooling. Experiments in Fluids, 2018, 59, 1.	1.1	2
148	Effects of motion on MRI signal decay from micron-scale particles. Journal of Magnetic Resonance, 2019, 305, 152-161.	1.2	2
149	Magnetic Resonance Imaging measurements of scalar dispersion for a scaled urban transient release. Building and Environment, 2021, 205, 108163.	3.0	2
150	On Momentum Coupling Methods for Calculation of Turbulence Attenuation in Dilute Particle-Laden Gas Flows. , 2006, , 39-42.		2
151	The Discrete Green's Function for Convective Heat Transferâ€”Part 2: Semi-Analytical Estimates of Boundary Layer Discrete Green's Function. Journal of Heat Transfer, 2020, 142, .	1.2	2
152	Experimental Analysis of a Particle Separator Design With Full-Field Three-Dimensional Measurements. Journal of Turbomachinery, 2020, 142, .	0.9	2
153	Experimental-Based Redesigns for Trailing Edge Film Cooling of Gas Turbine Blades. , 2012, , .		1
154	Endwall Vortex Effects on Turbulent Dispersion of Film Coolant in a Turbine Vane Cascade. , 2014, , .		1
155	Experimental Study of Periodic Free Stream Unsteadiness Effects on Discrete Hole Film Cooling in Two Geometries. , 2018, , .		1
156	Experimental Investigation of the Three-Dimensional Boundary Layer on a Rotating Disk. , 1993, , 403-414.		1
157	An Experimental Investigation of the Flow Between Corotating Disks with Through-Hub Ventilation Using LDA. , 1995, , 5-27.		1
158	Experimental Study of Flow Inside a Centrifugal Fan Using Magnetic Resonance Velocimetry. Journal of Engineering for Gas Turbines and Power, 2020, 142, .	0.5	1
159	Film-Cooled Trailing Edge Measurements: 3D Velocity and Scalar Field. , 2011, , .		0
160	Heat Transfer Performance of Lotus-Type Porous Metals. , 2012, , .		0
161	Film-Cooled Trailing Edge Measurements: 3D Velocity and Scalar Field. Journal of Turbomachinery, 2013, 135, .	0.9	0
162	Conjugate Heat Transfer Analysis Using the Discrete Green's Function. Journal of Heat Transfer, 2021, 143, .	1.2	0