Jose Pereira

List of Publications by Year
in descending order

159 papers	4,634 citations	147726 31 h-index	110317 64 g-index
164 all docs	164 docs citations	164 times ranked	2946 citing authors

#	Article	IF	Citations
1	Numerical simulation and optimization of the ceramic pigments production process using microwave heating. Chemical Engineering and Processing: Process Intensification, 2021, 169, 108567.	1.8	6
2	A comprehensive and fully predictive discrete methodology for volumetric solar receivers: application to a functional parabolic dish solar collector system. Applied Energy, 2020, 267, 114781.	5.1	16
3	Vorticity transport in laminar steady rotating plumes. Physics of Fluids, 2020, 32, 043604.	1.6	8
4	The genesis of the revolution in Contract Law. , 2019, , .		1
5	On the influence of circulation on fire whirl height. Fire Safety Journal, 2019, 106, 146-154.	1.4	13
6	A very high-order finite volume method based on weighted least squares for elliptic operators on polyhedral unstructured grids. Computers and Fluids, 2019, 181, 383-402.	1.3	8
7	Multiscale modeling of methane catalytic partial oxidation: From the mesopore to the full-scale reactor operation. AICHE Journal, 2018, 64, 578-594.	1.8	12
8	Discrete particle simulation in horizontally rotating drum: Uncertainty quantification of granular material physical parameters. Powder Technology, 2018, 339, 199-210.	2.1	4
9	On the use of polyhedral unstructured grids with a moving immersed boundary method. Computers and Fluids, 2018, 174, 78-88.	1.3	6
10	Analysis of Fire Hazard in Campsite Areas. Fire Technology, 2017, 53, 553-575.	1.5	8
11	Continuity constrained least-squares interpolation for SFO suppression in immersed boundary methods. Journal of Computational Physics, 2017, 336, 608-626.	1.9	19
12	Experimental and numerical investigation of methane thermal partial oxidation in a small-scale porous media reformer. International Journal of Hydrogen Energy, 2017, 42, 652-663.	3.8	28
13	Simulation and control of continuous glass melting by microwave heating in a single-mode cavity with energy efficiency optimization. International Journal of Thermal Sciences, 2017, 111, 175-187.	2.6	18
14	A methodology for thermal analysis of complex integrated systems: Application to a micro-CHP plant. Applied Thermal Engineering, 2017, 112, 1510-1522.	3.0	7
15	On the parametric uncertainty quantification of the Rothermel's rate of spread model. Applied Mathematical Modelling, 2017, 41, 37-53.	2.2	13
16	POROUS COUNTERFLOW HEAT EXCHANGER MODEL: EXPERIMENTAL AND NUMERICAL INVESTIGATION. Journal of Enhanced Heat Transfer, 2017, 24, 305-320.	0.5	1
17	Simulation of the hydrodynamic conditions of the eye to better reproduce the drug release from hydrogel contact lenses: experiments and modeling. Drug Delivery and Translational Research, 2016, 6, 755-762.	3.0	21
18	Computational Method for Calculating the Effective Permittivity of Complex Mixtures. Journal of Microwave Power and Electromagnetic Energy, 2015, 49, 85-99.	0.4	4

#	Article	IF	Citations
19	Calculation of Spotting Particles Maximum Distance in Idealised Forest Fire Scenarios. Journal of Combustion, 2015, 2015, 1-17.	0.5	10
20	Residual Least-Squares Error Estimate for Unstructured h-Adaptive Meshes. Numerical Heat Transfer, Part B: Fundamentals, 2015, 67, 187-210.	0.6	9
21	On the uncertainty quantification of the unsteady aerodynamics of 2D free falling plates. Theoretical and Computational Fluid Dynamics, 2015, 29, 329-341.	0.9	1
22	Numerical study of methane TPOX within a small scale Inert Porous Media based reformer. International Journal of Hydrogen Energy, 2014, 39, 4311-4321.	3.8	4
23	Conical-shaped foam reactors for catalytic partial oxidation applications. International Journal of Hydrogen Energy, 2014, 39, 3666-3680.	3.8	9
24	Multi-scale modeling of diffusion and reaction–diffusion phenomena in catalytic porous layers: Comparison with the 1D approach. Chemical Engineering Science, 2014, 117, 364-375.	1.9	22
25	Simulation and uncertainty quantification in high temperature microwave heating. Applied Thermal Engineering, 2014, 70, 1025-1039.	3.0	30
26	Passive control of unsteady-wing tip vortex via a slender half-delta wing in both reverse and regular configurations. Experiments in Fluids, 2013, 54, 1.	1.1	4
27	On the uncertainty quantification of blood flow viscosity models. Chemical Engineering Science, 2013, 101, 253-265.	1.9	28
28	Investigation on the thermal flame thickness for lean premixed combustion of low calorific H2/CO mixtures within porous inert media. Proceedings of the Combustion Institute, 2013, 34, 3335-3342.	2.4	61
29	Adaptive mesh finite-volume calculation of 2D lid-cavity corner vortices. Journal of Computational Physics, 2013, 243, 365-381.	1.9	24
30	Catalytic partial oxidation of methane rich mixtures in non-adiabatic monolith reactors. International Journal of Hydrogen Energy, 2013, 38, 6989-7006.	3.8	20
31	Uncertainty quantification in the catalytic partial oxidation of methane. Combustion Theory and Modelling, 2013, 17, 1067-1095.	1.0	9
32	Uncertainty Quantification of Two-Dimensional Wake Vortices Near the Ground. Journal of Aircraft, 2012, 49, 1175-1178.	1.7	1
33	Quantification of uncertainty propagation due to input parameters for simple heat transfer problems. International Journal of Thermal Sciences, 2012, 60, 94-105.	2.6	20
34	Simulation of surface fire fronts using fireLib and GPUs. Environmental Modelling and Software, 2012, 38, 167-177.	1.9	20
35	A STUDY OF HIGH REYNOLDS NUMBER PIPE FLOWS WITH POROUS INSERTS. Journal of Porous Media, 2012, 15, 549-563.	1.0	1
36	The Dynamics of Turbulent Scalar Mixing near the Edge of a Shear Layer. Journal of Physics: Conference Series, 2011, 318, 052049.	0.3	9

#	ARTICLE	IF	CITATIONS
37	The intense vorticity structures near the turbulent/non-turbulent interface in a jet. Journal of Fluid Mechanics, 2011, 685, 165-190.	1.4	72
38	Calculation of premixed combustion within inert porous media with model parametric uncertainty quantification. Combustion and Flame, 2011, 158, 466-476.	2.8	19
39	Twoâ€dimensional compact finite difference immersed boundary method. International Journal for Numerical Methods in Fluids, 2011, 65, 609-624.	0.9	13
40	A stochastic Lambâ€"Oseen vortex solution of the 2D Navierâ€"Stokes equations. International Journal for Numerical Methods in Biomedical Engineering, 2010, 26, 1756-1763.	1.0	5
41	Quasi-1D and 3D TPOX porous media diffuser reformer model. Fuel, 2010, 89, 1928-1935.	3.4	20
42	Prediction of stably stratified homogeneous shear flows with second-order turbulence models. Fluid Dynamics Research, 2010, 42, 045509.	0.6	5
43	Nature of Wakelike and Jetlike Axial Tip Vortex Flows. Journal of Aircraft, 2010, 47, 1946-1954.	1.7	46
44	Detection and identification of Potentially Disturbing Loads and consumers: Methodology and case study. , 2010, , .		0
45	Effect of different downstream temperatures on the performance of a two-layer porous burner. Combustion Theory and Modelling, 2010, 14, 405-423.	1.0	13
46	Factorization Algorithm for Some Special Non-rational Matrix Functions. , 2010, , 87-109.		4
47	Simulation of shear orientation effects on stably stratified homogeneous turbulence with RANS second-order modelling. Journal of Turbulence, 2009, 10, N43.	0.5	2
48	Laminar co-rotating Batchelor vortex merging. Theoretical and Computational Fluid Dynamics, 2009, 23, 1-14.	0.9	1
49	The effects of acceleration in jets: kinematics of the near field vortices. Theoretical and Computational Fluid Dynamics, 2009, 23, 287-296.	0.9	2
50	Dynamics of passive scalars and tracers advected by a two-dimensional tripolar vortex. Journal of Fluid Mechanics, 2009, 634, 41.	1.4	4
51	The role of the intense vorticity structures in the turbulent structure of the jet edge. Springer Proceedings in Physics, 2009, , 317-319.	0.1	0
52	Kinetic energy budgets at the edge of a turbulent jet. , 2009, , .		0
53	Turbulent Entrainment in Jets: The role of Kinetic Energy. Springer Proceedings in Physics, 2009, , 561-564.	0.1	0
54	A numerical study of the stability of one-dimensional laminar premixed flames in inert porous media. Combustion and Flame, 2008, 153, 525-539.	2.8	53

#	ARTICLE	IF	CITATIONS
55	Simulation of laser-induced nanopattern formation. Computer Physics Communications, 2008, 178, 40-47.	3.0	1
56	On the stability of ultra-lean H2/CO combustion in inert porous burnersâ˜†. International Journal of Hydrogen Energy, 2008, 33, 3416-3425.	3.8	18
57	Invariants of the velocity-gradient, rate-of-strain, and rate-of-rotation tensors across the turbulent/nonturbulent interface in jets. Physics of Fluids, 2008, 20, .	1.6	233
58	Analysis of the viscous/molecular subgrid-scale dissipation terms in LES based on transport equations:A prioritests. Journal of Turbulence, 2008, 9, N25.	0.5	4
59	Tip Vortex Control via a Tab Deflecting at Higher Harmonic Frequencies. AIAA Journal, 2008, 46, 1342-1350.	1.5	4
60	The effect of subgrid-scale models on the near wall vortices: A priori tests. Physics of Fluids, 2007, 19, 051702.	1.6	6
61	Analysis of the gradient-diffusion hypothesis in large-eddy simulations based on transport equations. Physics of Fluids, 2007, 19, 035106.	1.6	33
62	On the temporal and spatial fourthâ€order finite volume velocity deâ€averaging for unsteady incompressible flows simulation. Engineering Computations, 2007, 24, 738-752.	0.7	0
63	Impact of short-span strip on oscillating-wing tip vortex. Experiments in Fluids, 2007, 43, 617-626.	1.1	1
64	Enstrophy, Strain and Scalar Gradient Dynamics across the Turbulent-Nonturbulent Interface in Jets. Springer Proceedings in Physics, 2007, , 639-641.	0.1	1
65	INFLUENCE OF THE PREHEATING LAYER CHARACTERISTICS IN A TWO-LAYER POROUS BURNER. Clean Air, 2007, 8, 125-143.	0.0	5
66	On the modelling of subgrid-scale enstrophy transfer in turbulent channel flows. Springer Proceedings in Physics, 2007, , 734-734.	0.1	0
67	Parallel-in-Time Simulation of Two-Dimensional, Unsteady, Incompressible Laminar Flows. Numerical Heat Transfer, Part B: Fundamentals, 2006, 50, 25-40.	0.6	20
68	On the realizability of second-order models for a passive scalar in homogeneous turbulence. Journal of Turbulence, 2006, 7, N21.	0.5	1
69	Newton-Krylov iterative matrix representative spectrum. Numerical Methods for Partial Differential Equations, 2006, 22, 971-982.	2.0	0
70	Complex and superlattice stacking faults in D019â€‰Co3W. Philosophical Magazine, 2006, 86, 1763-1774.	0.7	0
71	A study of wind turbine power generation and turbine/tower interaction using large eddy simulation. Wind and Structures, an International Journal, 2006, 9, 95-108.	0.8	9
72	Fourth- and tenth-order compact finite difference solutions of perturbed circular vortex flows. International Journal for Numerical Methods in Fluids, 2005, 49, 603-618.	0.9	7

#	Article	IF	Citations
73	Reynolds number dependence of two-dimensional laminar co-rotating vortex merging. Theoretical and Computational Fluid Dynamics, 2005, 19, 65-75.	0.9	4
74	Experimental and numerical characterization of the transverse dispersion at the exit of a short ceramic foam inside a pipe. International Journal of Heat and Mass Transfer, 2005, 48, 1-14.	2.5	14
75	On the local equilibrium of the subgrid scales: The velocity and scalar fields. Physics of Fluids, 2005, 17, 108103.	1.6	14
76	Layered motion field visualization. , 2005, , .		1
77	Results of 132 Hepatectomies for Living Donor Liver Transplantation: Report of One Death. Transplantation Proceedings, 2005, 37, 1079-1080.	0.3	34
78	Transhepatic Biliary Catheterization Before Graft Implant in Living Donor Liver Transplantation. Transplantation Proceedings, 2005, 37, 1124-1125.	0.3	3
79	The effect of subgrid-scale models on the vortices computed from large-eddy simulations. Physics of Fluids, 2004, 16, 4506-4534.	1.6	33
80	DPIV study of the effect of a gable roof on the flow structure around a surface-mounted cubic obstacle. Experiments in Fluids, 2004, 37, 409-418.	1.1	16
81	Parallel-in-time simulation of the unsteady Navier–Stokes equations for incompressible flow. International Journal for Numerical Methods in Fluids, 2004, 45, 1123-1136.	0.9	23
82	Comparison of matrix-free acceleration techniques in compressible Navier–Stokes calculations. International Journal for Numerical Methods in Engineering, 2004, 61, 455-474.	1.5	3
83	Three-dimensional modelling of a two-layer porous burner for household applications. Computers and Structures, 2004, 82, 1543-1550.	2.4	31
84	Establishing an islet transplantation program in a developing country. Transplantation Proceedings, 2004, 36, 1700-1703.	0.3	5
85	Parallel-in-Time Simulation of 2D Laminar Unsteady Flow Around a Square Obstacle. , 2004, , 1261.		0
86	Molecular Dynamics Simulation of Methanolic and Ethanolic Silica-Based Sol–Gel Solutions at Ambient Temperature and Pressure. Journal of Physical Chemistry A, 2002, 106, 130-148.	1.1	49
87	Molecular Dynamics Simulation of Liquid H2O, MeOH, EtOH, Si(OMe)4, and Si(OEt)4, as a Function of Temperature and Pressure. Journal of Physical Chemistry A, 2001, 105, 1909-1925.	1.1	35
88	A Fourth-Order-Accurate Finite Volume Compact Method for the Incompressible Navier–Stokes Solutions. Journal of Computational Physics, 2001, 167, 217-243.	1.9	96
89	Comparison of three second-order accurate reconstruction schemes for 2D Euler and Navier-Stokes compressible flows on unstructured grids. Communications in Numerical Methods in Engineering, 2001, 17, 309-323.	1.3	4
90	Fourier analysis of several finite difference schemes for the one-dimensional unsteady convection-diffusion equation. International Journal for Numerical Methods in Fluids, 2001, 36, 417-439.	0.9	15

#	Article	IF	Citations
91	Numerical Study on the Influence of Radiative Properties in Porous Media Combustion. Journal of Heat Transfer, 2001, 123, 951-957.	1.2	43
92	Experimental and Numerical Investigation of a Porous Counterflow Heat Exchanger Model. Journal of Enhanced Heat Transfer, 2001, 8, 185-200.	0.5	3
93	Computational modeling of a dilute turbulent liquid–solid flow using a Eulerian–Lagrangian approach. International Journal of Numerical Methods for Heat and Fluid Flow, 2000, 10, 409-432.	1.6	12
94	A multidimensional model for simulating vegetation fire spread using a porous media sub-model. Fire and Materials, 2000, 24, 37-43.	0.9	20
95	Rollup region of a turbulent trailing vortex issued from a blade with flow separation. Experimental Thermal and Fluid Science, 2000, 20, 150-161.	1.5	10
96	Large Eddy Simulation (2D) of a Reacting Plane Mixing Layer Using Filtered Density Function Closure. Flow, Turbulence and Combustion, 2000, 64, 279-300.	1.4	60
97	Two-dimensional Numerical Study of Combustion and Pollutants Formation in Porous Burners. Combustion Science and Technology, 2000, 152, 57-79.	1.2	66
98	PIV Measurements of Turbulence Statistics in the Three-Dimensional Flow Over a Surface-Mounted Obstacle. , 2000, , 157-176.		5
99	A NEW PARTICLE-LOCATING METHOD ACCOUNTING FOR SOURCE DISTRIBUTION AND PARTICLE-FIELD INTERPOLATION FOR HYBRID MODELING OF STRONGLY COUPLED TWO-PHASE FLOWS IN ARBITRARY COORDINATES. Numerical Heat Transfer, Part B: Fundamentals, 1999, 35, 41-63.	0.6	14
100	A Conservative Finite-Volume Second-Order-Accurate Projection Method on Hybrid Unstructured Grids. Journal of Computational Physics, 1999, 150, 40-75.	1.9	92
101	Confined vortex breakdown generated by a rotating cone. Journal of Fluid Mechanics, 1999, 385, 287-323.	1.4	34
102	Numerical Predictions of Porous Burners with Integrated Heat Exchanger for Household Applications. Journal of Porous Media, 1999, 2, 153-162.	1.0	19
103	Computation of particle dispersion in turbulent liquid flows using an efficient Lagrangian trajectory model. International Journal for Numerical Methods in Fluids, 1998, 26, 345-364.	0.9	6
104	Comparison of four combustion models for simulating the premixed combustion in inert porous media. Fire and Materials, 1998, 22, 187-197.	0.9	50
105	A SECOND-ORDER UPWIND LEAST-SQUARES SCHEME FOR INCOMPRESSIBLE FLOWS ON UNSTRUCTURED HYBRID GRIDS. Numerical Heat Transfer, Part B: Fundamentals, 1998, 34, 39-60.	0.6	10
106	Computation of Particle-Laden Turbulent Gas Flows Using Two Dispersion Models. AIAA Journal, 1998, 36, 539-546.	1.5	16
107	NUMERICAL STUDY OF THE EFFECTS OF GAS TEMPERATURE FLUCTUATION ON A TURBULENT EVAPORATING SPRAY. Atomization and Sprays, 1998, 8, 63-82.	0.3	7
108	Numerical Solution of the Turbulent Flow Over a Fence Using Two Equation Models. Notes on Numerical Fluid Mechanics, 1998, , 119-126.	0.1	0

#	Article	IF	Citations
109	Numerical Study of Combustion and Pollutants Formation in Inert Nonhomogeneous Porous Media. Combustion Science and Technology, 1997, 130, 335-364.	1.2	48
110	Efficient computation of particle dispersion in turbulent flows with a stochastic-probabilistic model. International Journal of Heat and Mass Transfer, 1997, 40, 1727-1741.	2.5	19
111	Computation of dispersed turbulent liquid-particle flows impinging a centerbody using an improved lagrangian stochastic model. International Communications in Heat and Mass Transfer, 1997, 24, 51-64.	2.9	2
112	Concept of porous wire anemometer. International Communications in Heat and Mass Transfer, 1997, 24, 411-418.	2.9	3
113	An efficient lagrangian trajectory model for predicting complex turbulent two-phase flows using the curvilinear coordinates. International Communications in Heat and Mass Transfer, 1997, 24, 621-632.	2.9	1
114	Computational modeling of dilute gas-particle flows in an ultrasonic gas flowmeter. Flow Measurement and Instrumentation, 1997, 8, 167-182.	1.0	6
115	Characteristic-based pressure correction at all speeds. AIAA Journal, 1996, 34, 272-280.	1.5	21
116	A comparison of second order convection discretization schemes for incompressible fluid flow. Communications in Numerical Methods in Engineering, 1996, 12, 395-411.	1.3	9
117	Computation of turbulent evaporating sprays with well-specified measurements: a sensitivity study on droplet properties. International Journal of Heat and Mass Transfer, 1996, 39, 441-454.	2.5	63
118	Experimental and numerical study of a water spray in the wake of an axisymmetric bluff body. Experimental Thermal and Fluid Science, 1996, 13, 129-141.	1.5	5
119	Numerical calculations of unsteady heavy gas dispersion. Journal of Hazardous Materials, 1996, 46, 253-272.	6.5	16
120	Stochastic-probabilistic efficiency enhanced dispersion modeling of turbulent polydispersed sprays. Journal of Propulsion and Power, 1996, 12, 760-769.	1.3	10
121	Large-eddy simulation of particle dispersion in plane mixing layers. , 1996, , 259-271.		2
122	Experimental and Numerical Investigation of Flow Oscillations in a Rectangular Cavity. Journal of Fluids Engineering, Transactions of the ASME, 1995, 117, 68-74.	0.8	63
123	PREDICTION OF EVAPORATING SPRAY IN ANISOTROPICALLY TURBULENT GAS FLOW. Numerical Heat Transfer; Part A: Applications, 1995, 27, 143-162.	1.2	46
124	Experimental and Numerical Investigation of Laminar Flow Over a Forward Facing Step Inside a Pipe. Journal of Enhanced Heat Transfer, 1995, 2, 63-70.	0.5	2
125	A Computational Method for Solving Arbitrary Two-Dimensional Physiological Flows. Journal of Biomechanical Engineering, 1994, 116, 315-317.	0.6	3
126	Numerical prediction of a turbulent evaporating fuel spray in a recirculating flow. Journal of Propulsion and Power, 1994, 10, 290-293.	1.3	1

#	Article	IF	Citations
127	Influence of impingement edge geometry on cavity flow oscillations. AIAA Journal, 1994, 32, 1737-1740.	1.5	39
128	Numerical study of the turbulent flow over and in a model forest on a 2D hill. Journal of Wind Engineering and Industrial Aerodynamics, 1994, 53, 357-374.	1.7	44
129	Numerical Prediction of Flame Images in the Visible Spectrum Range.. JSME International Journal Series B, 1994, 37, 659-667.	0.3	1
130	Finite Volume Calculations of Self-Sustained Oscillations in a Grooved Channel. Journal of Computational Physics, 1993, 106, 19-29.	1.9	42
131	Comparison of several open boundary numerical treatments for laminar recirculating flows. International Journal for Numerical Methods in Fluids, 1993, 16, 403-419.	0.9	24
132	Calculation procedure for 3-D laminar flows in complex geometrics using a nonstaggered nonorthogonal grid system. Applied Mathematical Modelling, 1993, 17, 562-576.	2.2	5
133	Modeling of multisized particle laden turbulent low swirling free jets. Journal of Wind Engineering and Industrial Aerodynamics, 1993, 46-47, 713-720.	1.7	1
134	The plane Symmetric sudden-expansion flow at low Reynolds numbers. Journal of Fluid Mechanics, 1993, 248, 567-581.	1.4	174
135	NUMERICAL COMPUTATION OF CONVECTIVE DISPERSION IN TURBULENT BUOYANT JETS. Numerical Heat Transfer; Part A: Applications, 1993, 23, 399-414.	1.2	4
136	Study of Laminar, Unsteady Piston-Cylinder Flows. Journal of Fluids Engineering, Transactions of the ASME, 1993, 115, 687-693.	0.8	14
137	Calculation of a Confined Axisymmetric Laminar Diffusion Flame Using a Local Grid Refinement Technique. Combustion Science and Technology, 1993, 92, 243-264.	1.2	22
138	Modeling of multisized particle laden turbulent low swirling free jets. , 1993, , 713-720.		0
139	Fluid dynamically caused cycle-to-cycle variations in piston-driven pipe expansion flows. Experiments in Fluids, 1992, 13, 1-10.	1.1	7
140	Numerical simulation and optimization of the aerodynamics flow field inside fume cupboards. Journal of Wind Engineering and Industrial Aerodynamics, 1992, 40, 127-145.	1.7	5
141	Finite volume computation of the turbulent flow over a hill employing 2D or 3D non-orthogonal collocated grid systems. International Journal for Numerical Methods in Fluids, 1992, 14, 423-441.	0.9	21
142	NUMERICAL PREDICTION OF NONEVAPORATING AND EVAPORATING FUEL SPRAYS UNDER NONREACTIVE CONDITIONS. Atomization and Sprays, 1992, 2, 427-443.	0.3	19
143	CULATION OF INCOMPRESSIBLE LAMINAR FLOWS ON A NONSTAGGERED, NONORTHOGONAL GRID. Numerical Heat Transfer, Part B: Fundamentals, 1991, 19, 243-262.	0.6	29
144	Calculation of isothermal turbulent three- dimensional free multijet flows. Applied Mathematical Modelling, 1991, 15, 338-350.	2.2	13

#	Article	IF	Citations
145	Experimental and numerical investigations of the performance of fume cupboards. Building and Environment, 1991, 26, 153-164.	3.0	15
146	Flow patterns around and inside a bubble in a gas-fluidised bed. Chemical Engineering Science, 1991, 46, 155-165.	1.9	3
147	Numerical comparison of momentum interpolation methods and pressureâ€"velocity algorithms using non-staggered grids. Communications in Applied Numerical Methods, 1991, 7, 173-186.	0.5	38
148	Calculation of laminar recirculating flows using a local non-staggered grid refinement system. International Journal for Numerical Methods in Fluids, 1991, 12, 535-557.	0.9	38
149	Velocity characteristics of the flow around a square cross section cylinder placed near a channel wall. Experiments in Fluids, 1991, 11, 341-350.	1.1	66
150	Prediction of Gas-Particle Turbulent Free or Confined Jet Flows. Particle and Particle Systems Characterization, 1990, 7, 171-180.	1.2	8
151	Pistonâ€driven, unsteady separation at a sudden expansion in a tube: Flow visualization and LDA measurements. Physics of Fluids A, Fluid Dynamics, 1989, 1, 1249-1260.	1.6	14
152	A Laser Anemometry Study of Separated Flow Over a Model Three-Dimensional Hill. , 1989, , 93-118.		3
153	Measurements of turbulent and periodic flows around a square cross-section cylinder. Experiments in Fluids, 1988, 6, 298-304.	1.1	195
154	Comparison of strongly implicit procedures for the solution of the fluid flow equations in finite difference form. Applied Mathematical Modelling, 1988, 12, 51-62.	2.2	14
155	Time-Dependent Laminar Backward-Facing Step Flow in a Two-Dimensional Duct. Journal of Fluids Engineering, Transactions of the ASME, 1988, 110, 289-296.	0.8	54
156	Predictions and measurements of laminar flow over two-dimensional obstacles. Applied Mathematical Modelling, 1987, 11, 23-34.	2.2	27
157	Experimental and theoretical investigation of backward-facing step flow. Journal of Fluid Mechanics, 1983, 127, 473.	1.4	1,435
158	Analysis of the Flow at the Interface of a Porous Media. Defect and Diffusion Forum, 0, 283-286, 616-621.	0.4	0
159	Multi-Scale Modeling of Internal Mass Diffusion Limitations in CO Oxidation Catalysts. Defect and Diffusion Forum, 0, 364, 92-103.	0.4	2