Nikolaus A. Adams

List of Publications by Year
in descending order

172	9,982	44042	38368
papers	citations	48 h-index	95 g-index

180	180	180	3992
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An approximate deconvolution procedure for large-eddy simulation. Physics of Fluids, 1999, 11, 1699-1701.	1.6	603
2	A multi-phase SPH method for macroscopic and mesoscopic flows. Journal of Computational Physics, 2006, 213, 844-861.	1.9	537
3	A generalized wall boundary condition for smoothed particle hydrodynamics. Journal of Computational Physics, 2012, 231, 7057-7075.	1.9	532
4	An approximate deconvolution model for large-eddy simulation with application to incompressible wall-bounded flows. Physics of Fluids, 2001, 13, 997-1015.	1.6	433
5	A High-Resolution Hybrid Compact-ENO Scheme for Shock-Turbulence Interaction Problems. Journal of Computational Physics, 1996, 127, 27-51.	1.9	422
6	An incompressible multi-phase SPH method. Journal of Computational Physics, 2007, 227, 264-278.	1.9	388
7	Direct simulation of the turbulent boundary layer along a compression ramp at M = 3 and Re_{θ} = 1685. Journal of Fluid Mechanics, 2000, 420, 47-83.	1.4	259
8	An adaptive central-upwind weighted essentially non-oscillatory scheme. Journal of Computational Physics, 2010, 229, 8952-8965.	1.9	249
9	The approximate deconvolution model for large-eddy simulations of compressible flows and its application to shock-turbulent-boundary-layer interaction. Physics of Fluids, 2001, 13, 2985-3001.	1.6	225
10	An adaptive local deconvolution method for implicit LES. Journal of Computational Physics, 2006, 213, 413-436.	1.9	220
11	A new surface-tension formulation for multi-phase SPH using a reproducing divergence approximation. Journal of Computational Physics, 2010, 229, 5011-5021.	1.9	218
12	A family of high-order targeted ENO schemes for compressible-fluid simulations. Journal of Computational Physics, 2016, 305, 333-359.	1.9	218
13	A conservative interface method for compressible flows. Journal of Computational Physics, 2006, 219, 553-578.	1.9	198
14	Large-eddy simulation of shock-wave/turbulent-boundary-layer interaction. Journal of Fluid Mechanics, 2006, 565, 135.	1.4	190
15	Analysis of unsteady behaviour in shockwave turbulent boundary layer interaction. Journal of Fluid Mechanics, 2012, 700, 16-28.	1.4	167
16	Positivity-preserving method for high-order conservative schemes solving compressible Euler equations. Journal of Computational Physics, 2013, 242, 169-180.	1.9	163
17	Direct simulation of turbulent supersonic boundary layers by an extended temporal approach. Journal of Fluid Mechanics, 2001, 429, 187-216.	1.4	156
18	A transport-velocity formulation for smoothed particle hydrodynamics. Journal of Computational Physics, 2013, 241, 292-307.	1.9	156

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19	Numerical modelling and investigation of symmetric and asymmetric cavitation bubble dynamics. Computers and Fluids, 2012, 69, 1-19.	1.3	140
20	Introduction of a New Realistic Generic Car Model for Aerodynamic Investigations. , 0, , .		139
21	A weakly compressible SPH method based on a low-dissipation Riemann solver. Journal of Computational Physics, 2017, 335, 605-620.	1.9	119
22	Large-eddy simulation of high-Reynolds-number supersonic boundary layers using the approximate deconvolution model and a rescaling and recycling technique. Physics of Fluids, 2003, 15, 2398-2412.	1.6	112
23	Direct Numerical Simulation of Turbulent Compression Ramp Flow. Theoretical and Computational Fluid Dynamics, 1998, 12, 109-129.	0.9	109
24	A constant-density approach for incompressible multi-phase SPH. Journal of Computational Physics, 2009, 228, 2082-2091.	1.9	106
25	Anti-diffusion interface sharpening technique for two-phase compressible flow simulations. Journal of Computational Physics, 2012, 231, 4304-4323.	1.9	102
26	A conservative immersed interface method for Large-Eddy Simulation of incompressible flows. Journal of Computational Physics, 2010, 229, 6300-6317.	1.9	97
27	Multiscale modeling of particle in suspension with smoothed dissipative particle dynamics. Physics of Fluids, 2012, 24, .	1.6	92
28	A Subgrid-Scale Deconvolution Approach for Shock Capturing. Journal of Computational Physics, 2002, 178, 391-426.	1.9	91
29	On the Richtmyerâ€“Meshkov instability evolving from a deterministic multimode planar interface. Journal of Fluid Mechanics, 2014, 755, 429-462.	1.4	91
30	Large-eddy simulation of turbulent cavitating flow in a micro channel. Physics of Fluids, 2014, 26, .	1.6	87
31	On the HLLC Riemann solver for interface interaction in compressible multi-fluid flow. Journal of Computational Physics, 2009, 228, 6572-6589.	1.9	86
32	Targeted ENO schemes with tailored resolution property for hyperbolic conservation laws. Journal of Computational Physics, 2017, 349, 97-121.	1.9	85
33	Implicit subgrid-scale modeling by adaptive deconvolution. Journal of Computational Physics, 2004, 200, 412-431.	1.9	82
34	Analysis of flow in a cone-and-plate apparatus with respect to spatial and temporal effects on endothelial cells. Biotechnology and Bioengineering, 2005, 89, 493-502.	1.7	75
35	Large-eddy simulation of passive shock-wave/boundary-layer interaction control. International Journal of Heat and Fluid Flow, 2014, 49, 116-127.	1.1	74
36	Scale separation for implicit large eddy simulation. Journal of Computational Physics, 2011, 230, 7240-7249.	1.9	72

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37	Large-eddy simulation of cavitating nozzle flow and primary jet break-up. Physics of Fluids, 2015, 27, .	1.6	71
38	A generalized transport-velocity formulation for smoothed particle hydrodynamics. Journal of Computational Physics, 2017, 337, 216-232.	1.9	68
39	Angular-momentum conservative smoothed particle dynamics for incompressible viscous flows. Physics of Fluids, 2006, 18, 101702.	1.6	65
40	Assessment of Implicit Large-Eddy Simulation with a Conservative Immersed Interface Method for turbulent cylinder flow. International Journal of Heat and Fluid Flow, 2010, 31, 368-377.	1.1	65
41	A conservative SPH method for surfactant dynamics. Journal of Computational Physics, 2010, 229, 1909-1926.	1.9	64
42	Cavitation erosion prediction based on analysis of flow dynamics and impact load spectra. Physics of Fluids, 2015, 27, .	1.6	62
43	Numerical investigation of collapsing cavity arrays. Physics of Fluids, 2012, 24, .	1.6	61
44	Large-eddy simulation of a supersonic turbulent boundary layer over a compressionâ€“expansion ramp. International Journal of Heat and Fluid Flow, 2013, 42, 79-93.	1.1	57
45	Anti-diffusion method for interface steepening in two-phase incompressible flow. Journal of Computational Physics, 2011, 230, 5155-5177.	1.9	56
46	Smoothed dissipative particle dynamics model for polymer molecules in suspension. Physical Review E, 2008, 77, 066703.	0.8	55
47	On implicit subgrid-scale modeling in wall-bounded flows. Physics of Fluids, 2007, 19, .	1.6	53
48	Near-surface dynamics of a gas bubble collapsing above a crevice. Journal of Fluid Mechanics, 2020, 899, .	1.4	52
49	A cut-cell finite volume â€“ finite element coupling approach for fluidâ€“structure interaction in compressible flow. Journal of Computational Physics, 2016, 307, 670-695.	1.9	51
50	SPH simulations of flow around a periodic array of cylinders confined in a channel. International Journal for Numerical Methods in Engineering, 2011, 86, 1027-1040.	1.5	50
51	Efficient implicit LES method for the simulation of turbulent cavitating flows. Journal of Computational Physics, 2016, 316, 453-469.	1.9	50
52	Adaptive multi-resolution method for compressible multi-phase flows with sharp interface model and pyramid data structure. Journal of Computational Physics, 2014, 262, 131-152.	1.9	49
53	Subharmonic transition to turbulence in a flat-plate boundary layer at Mach number 4.5. Journal of Fluid Mechanics, 1996, 317, 301-335.	1.4	46
54	Numerical investigation of rising bubble wake and shape variations. Physics of Fluids, 2009, 21, .	1.6	45

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55	Large-Eddy Simulation of turbulent, cavitating fuel flow inside a 9-hole Diesel injector including needle movement. International Journal of Engine Research, 2017, 18, 195-211.	1.4	43
56	A weakly compressible SPH method with WENO reconstruction. Journal of Computational Physics, 2019, 392, 1-18.	1.9	43
57	Wall modeling for implicit large-eddy simulation and immersed-interface methods. Theoretical and Computational Fluid Dynamics, 2014, 28, 1-21.	0.9	42
58	A conservative sharp interface method for incompressible multiphase flows. Journal of Computational Physics, 2015, 284, 547-565.	1.9	41
59	Assessing the numerical dissipation rate and viscosity in numerical simulations of fluid flows. Computers and Fluids, 2015, 114, 84-97.	1.3	41
60	Implicit subgrid-scale modeling for large-eddy simulation of passive-scalar mixing. Physics of Fluids, 2007, 19, .	1.6	40
61	Experimental and Numerical Investigation of the DrivAer Model. , 2012, , .		39
62	Self-diffusion coefficient in smoothed dissipative particle dynamics. Journal of Chemical Physics, 2009, 130, 021101.	1.2	38
63	11 PFLOP/s simulations of cloud cavitation collapse. , 2013, , .		38
64	A windowing method for periodic inflow/outflow boundary treatment of non-periodic flows. Journal of Computational Physics, 2005, 206, 505-535.	1.9	36
65	An efficient low-dissipation hybrid weighted essentially non-oscillatory scheme. Journal of Computational Physics, 2015, 301, 415-424.	1.9	36
66	A new multi-resolution parallel framework for SPH. Computer Methods in Applied Mechanics and Engineering, 2019, 346, 1156-1178.	3.4	36
67	A splitting scheme for highly dissipative smoothed particle dynamics. Journal of Computational Physics, 2010, 229, 5457-5464.	1.9	35
68	Experimental Investigation of Unsteady Vehicle Aerodynamics under Time-Dependent Flow Conditions - Part 1. , 0, , .		35
69	Cut-element based immersed boundary method for moving geometries in compressible liquid flows with cavitation. Journal of Computational Physics, 2015, 283, 1-22.	1.9	35
70	Evolution of length scales and statistics of Richtmyer-Meshkov instability from direct numerical simulations. Physical Review E, 2014, 90, 063001.	0.8	34
71	A shock-stable modification of the HLLC Riemann solver with reduced numerical dissipation. Journal of Computational Physics, 2020, 423, 109762.	1.9	34
72	Implicit LES applied to zero-pressure-gradient and adverse-pressure-gradient boundary-layer turbulence. International Journal of Heat and Fluid Flow, 2008, 29, 626-639.	1.1	33

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73	Direct numerical simulation of a transitional rectangular jet. International Journal of Heat and Fluid Flow, 2002, 23, 547-553.	1.1	32
74	Towards consistence and convergence of conservative SPH approximations. Journal of Computational Physics, 2015, 301, 394-401.	1.9	32
75	Shock Mach number influence on reaction wave types and mixing in reactive shockâ€“bubble interaction. Combustion and Flame, 2016, 174, 85-99.	2.8	32
76	A low dissipation method to cure the grid-aligned shock instability. Journal of Computational Physics, 2020, 401, 109004.	1.9	31
77	Direct simulation of breakdown to turbulence following oblique instability waves in a supersonic boundary layer. Flow, Turbulence and Combustion, 1995, 54, 223-234.	0.2	30
78	Numerical investigation of non-condensable gas effect on vapor bubble collapse. Physics of Fluids, 2021, 33, .	1.6	30
79	Implicit large-eddy simulation applied to turbulent channel flow with periodic constrictions. Theoretical and Computational Fluid Dynamics, 2008, 22, 227-242.	0.9	29
80	Implementation of aÂLatticeâ€“Boltzmann method for numerical fluid mechanics using the nVIDIA CUDA technology. Computer Science - Research and Development, 2009, 23, 241-247.	2.7	29
81	Mesoscopic Lattice Boltzmann Modeling of the Liquid-Vapor Phase Transition. Physical Review Letters, 2021, 126, 244501.	2.9	29
82	Comparison of temporal and spatial direct numerical simulation of compressible boundary-layer transition. AIAA Journal, 1996, 34, 683-690.	1.5	28
83	Eliminating cubic terms in the pseudopotential lattice Boltzmann model for multiphase flow. Physical Review E, 2018, 97, 053308.	0.8	28
84	Experimental Investigation of Unsteady Vehicle Aerodynamics under Time-Dependent Flow Conditions - Part2. , 0, , .		27
85	A priorianalyses of three subgrid-scale models for one-parameter families of filters. Physics of Fluids, 2000, 12, 1133-1142.	1.6	26
86	On the Kolmogorov inertial subrange developing from Richtmyer-Meshkov instability. Physics of Fluids, 2013, 25, .	1.6	26
87	On the pressure dependence of ignition and mixing in two-dimensional reactive shock-bubble interaction. Combustion and Flame, 2016, 163, 414-426.	2.8	25
88	On Taylor-series expansions of residual stress. Physics of Fluids, 2001, 13, 2578-2589.	1.6	23
89	Numerical and Experimental Analysis of a Generic Fan-in-Wing Configuration. Journal of Aircraft, 2009, 46, 656-666.	1.7	23
90	Large-eddy simulation of a pseudo-shock system in a Laval nozzle. International Journal of Heat and Fluid Flow, 2014, 49, 108-115.	1.1	23

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91	A conservative interface-interaction method for compressible multi-material flows. Journal of Computational Physics, 2018, 371, 870-895.	1.9	23
92	On improving mass-conservation properties of the hybrid particle-level-set method. Computers and Fluids, 2008, 37, 1320-1331.	1.3	21
93	The Interior Design of a 40% Scaled DrivAer Body and First Experimental Results. , 2012, , .		21
94	Aerodynamic Investigation of Vehicle Cooling-Drag. , 0, , .		20
95	Sparse identification of truncation errors. Journal of Computational Physics, 2019, 397, 108851.	1.9	20
96	Aerodynamic Investigations of a Morphing Membrane Wing. AIAA Journal, 2012, 50, 2588-2599.	1.5	19
97	Curvature boundary condition for a moving contact line. Journal of Computational Physics, 2016, 310, 329-341.	1.9	19
98	Lattice Boltzmann model with self-tuning equation of state for multiphase flows. Physical Review E, 2019, 99, 023303.	0.8	19
99	Numerical simulation of boundary-layer transition at Mach two. Flow, Turbulence and Combustion, 1993, 51, 371-375.	0.2	17
100	Implicit atomistic viscosities in smoothed particle hydrodynamics. Physical Review E, 2010, 82, 046702.	0.8	17
101	A physically consistent weakly compressible high-resolution approach to underresolved simulations of incompressible flows. Computers and Fluids, 2013, 86, 109-124.	1.3	17
102	Scale separation for multi-scale modeling of free-surface and two-phase flows with the conservative sharp interface method. Journal of Computational Physics, 2015, 280, 387-403.	1.9	17
103	A New Approach to Analyzing Cooling and Interference Drag. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 3, 339-351.	0.4	15
104	Numerical simulation of a Richtmyerâ€“Meshkov instability with an adaptive central-upwind sixth-order WENO scheme. Physica Scripta, 2013, T155, 014016.	1.2	15
105	Numerical and experimental investigations of pseudo-shock systems in a planar nozzle: impact of bypass mass flow due to narrow gaps. Shock Waves, 2014, 24, 139-156.	1.0	15
106	A physics-motivated Centroidal Voronoi Particle domain decomposition method. Journal of Computational Physics, 2017, 335, 718-735.	1.9	15
107	A low-dissipation shock-capturing framework with flexible nonlinear dissipation control. Journal of Computational Physics, 2021, 428, 109960.	1.9	15
108	ALPACA - a level-set based sharp-interface multiresolution solver for conservation laws. Computer Physics Communications, 2022, 272, 108246.	3.0	15

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109	Modeling of nonparallel effects in temporal direct numerical simulations of compressible boundary-layer transition. Theoretical and Computational Fluid Dynamics, 1995, 7, 141-157.	0.9	14
110	Numerical simulation of tethered DNA in shear flow. Journal of Physics Condensed Matter, 2011, 23, 184118.	0.7	14
111	A novel partitioning method for block-structured adaptive meshes. Journal of Computational Physics, 2017, 341, 447-473.	1.9	13
112	Experimental and Numerical Investigation of the Under Hood Flow with Heat Transfer for a Scaled Tractor-Trailer. SAE International Journal of Commercial Vehicles, 0, 5, 42-56.	0.4	12
113	Quantification of initial-data uncertainty on a shock-accelerated gas cylinder. Physics of Fluids, 2014, 26, 026101.	1.6	12
114	A SPH Model for Incompressible Turbulence. Procedia IUTAM, 2015, 18, 66-75.	1.2	12
115	Lattice Boltzmann model with adjustable equation of state for coupled thermo-hydrodynamic flows. Journal of Computational Physics, 2019, 392, 227-247.	1.9	12
116	Particle-layering effect in wall-bounded dissipative particle dynamics. Physical Review E, 2010, 82, 066704.	0.8	11
117	Comparison of Numerical Simulations with Experiments of Bluff Bodies Including Under-Hood Flow. , 2011, , .		11
118	A stochastic extension of the approximate deconvolution model. Physics of Fluids, 2011, 23, .	1.6	11
119	Numerical Analysis of a Rotating Cylinder with Spanwise Disks. AIAA Journal, 2012, 50, 271-283.	1.5	11
120	Efficient formulation of scale separation for multi-scale modeling of interfacial flows. Journal of Computational Physics, 2016, 308, 411-420.	1.9	11
121	Implicit Large-Eddy Simulation: Theory and Application. Springer Proceedings in Physics, 2009, , 743-750.	0.1	11
122	Numerical analysis of design parameters for a generic fan-in-wing configuration. Aerospace Science and Technology, 2010, 14, 65-77.	2.5	10
123	The Ground Simulation Upgrade of the Large Wind Tunnel at the Technische UniversitÃt MÃ¼nchen. , 2012, , .		10
124	A parallel modular computing environment for three-dimensional multiresolution simulations of compressible flows. Computer Methods in Applied Mechanics and Engineering, 2022, 391, 114486.	3.4	10
125	Numerical Investigation of Inlet Distortion on a Wing-Embedded Lift Fan. Journal of Propulsion and Power, 2011, 27, 16-28.	1.3	9
126	Mesoscopic simulation of the transient behavior of semi-diluted polymer solution in a microchannel following extensional flow. Microfluidics and Nanofluidics, 2014, 16, 257-264.	1.0	9

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127	Wavelet-based adaptive multi-resolution solver on heterogeneous parallel architecture for computational fluid dynamics. Computer Science - Research and Development, 2011, 26, 197-203.	2.7	8
128	An adaptive local time-stepping scheme for multiresolution simulations of hyperbolic conservation laws. Journal of Computational Physics: X, 2019, 4, 100038.	1.1	8
129	Density gradient calculation in a class of multiphase lattice Boltzmann models. Physical Review E, 2019, 100, 043306.	0.8	8
130	Interference effects of cooling airflows on a generic car body. Journal of Wind Engineering and Industrial Aerodynamics, 2013, 119, 146-157.	1.7	7
131	Analysis of interpolation schemes for the accurate estimation of energy spectrum in Lagrangian methods. Computers and Fluids, 2013, 82, 122-131.	1.3	7
132	Optimization of an Implicit Large-Eddy Simulation Method for Underresolved Incompressible Flow Simulations. AIAA Journal, 2016, 54, 1567-1577.	1.5	7
133	Experimental investigation of droplet breakup of oxide-forming liquid metals. Physics of Fluids, 2021, 33, .	1.6	7
134	The Approximate Deconvolution Model for Large-Eddy Simulation of Compressible Flows With Finite Volume Schemes. Journal of Fluids Engineering, Transactions of the ASME, 2002, 124, 829-835.	0.8	6
135	Integrated Experimental-Numerical Analysis of High-Agility Aircraft Wake Vortex Evolution. Journal of Aircraft, 2011, 48, 2050-2058.	1.7	6
136	Study on the Capability of an Open Source CFD Software for Unsteady Vehicle Aerodynamics. SAE International Journal of Commercial Vehicles, 0, 5, 196-207.	0.4	6
137	Experimental and Numerical Study of Heat Transfer at the Underbody of a Production Car. SAE International Journal of Commercial Vehicles, 2014, 7, 89-101.	0.4	6
138	LES of cavitating flow inside a Diesel injector including dynamic needle movement. Journal of Physics: Conference Series, 2015, 656, 012097.	0.3	6
139	On the convergence of the weakly compressible sharp-interface method for two-phase flows. Journal of Computational Physics, 2016, 324, 94-114.	1.9	6
140	Partial characteristic decomposition for multi-species Euler equations. Computers and Fluids, 2019, 181, 364-382.	1.3	6
141	A split random time-stepping method for stiff and nonstiff detonation capturing. Combustion and Flame, 2019, 204, 397-413.	2.8	6
142	Inferring incompressible two-phase flow fields from the interface motion using physics-informed neural networks. Machine Learning With Applications, 2021, 4, 100029.	3.0	6
143	The Influence of Magnetic Fields on the Rise of Gas Bubbles in Electrically Conductive Liquids. ERCOFTAC Series, 2010, , 465-471.	0.1	6
144	The use of LES subgrid-scale models for shock capturing. International Journal for Numerical Methods in Fluids, 2002, 39, 783-797.	0.9	5

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145	Numerical methods for the weakly compressible Generalized Langevin Model in Eulerian reference frame. Journal of Computational Physics, 2016, 314, 93-106.	1.9	5
146	An asymptotically stable compact upwind-biased finite-difference scheme for hyperbolic systems. Journal of Computational Physics, 2005, 208, 435-454.	1.9	4
147	Analysis of intermittency in under-resolved smoothed-particle-hydrodynamics direct numerical simulations of forced compressible turbulence. Physical Review E, 2012, 85, 036708.	0.8	4
148	Determination of macroscopic transport coefficients of a dissipative particle dynamics solvent. Physical Review E, 2016, 93, 013302.	0.8	4
149	A multiresolution local-timestepping scheme for particleâ€“laden multiphase flow simulations using a level-set and point-particle approach. Computer Methods in Applied Mechanics and Engineering, 2021, 384, 113966.	3.4	4
150	Large-Eddy Simulations of Turbulence Enhancement due to Forced Shock Motion in Shock-Boundary Layer Interaction. , 2011, , .		3
151	A conservative interface-interaction model with insoluble surfactant. Journal of Computational Physics, 2016, 327, 653-677.	1.9	3
152	Supersonic and Hypersonic Boundary-Layer Flows. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2009, , 77-91.	0.2	3
153	Numerical prediction of erosion due to a cavitating jet. Wear, 2022, 498-499, 204304.	1.5	3
154	Letter to the Editor: On the evolution of dissipation rate and resolved kinetic energy in ALDM simulations of the Taylorâ€“Green flow. Journal of Computational Physics, 2010, 229, 2422-2423.	1.9	2
155	On instationary mechanisms in cavitating micro throttles. Journal of Physics: Conference Series, 2015, 656, 012079.	0.3	2
156	Validation of a Flow Simulation for a Helicopter Fuselage Including a Rotating Rotor Head. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2016, , 303-313.	0.2	2
157	Wall Modelling for Implicit Large Eddy Simulation of Favourable and Adverse Pressure Gradient Flows. ERCOFTAC Series, 2011, , 337-346.	0.1	1
158	Large-eddy simulation of cavitating nozzle and jet flows. Journal of Physics: Conference Series, 2015, 656, 012096.	0.3	1
159	Numerical investigation of shedding partial cavities over a sharp wedge. Journal of Physics: Conference Series, 2015, 656, 012122.	0.3	1
160	On an inconsistency of the arithmetic-average signal speed estimate for HLL-type Riemann solvers. Journal of Computational Physics: X, 2020, 8, 100077.	1.1	1
161	Computational Aspects of Implicit LES ofÂComplex Flows. , 2010, , 133-146.		1
162	LES of Turbulent Cavitating Shear Layers. , 2013, , 349-359.		1

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163	Stochastic multi-fidelity surrogate modeling of dendritic crystal growth. Computer Methods in Applied Mechanics and Engineering, 2022, 393, 114799.	3.4	1
164	Special issue on large-eddy simulation of complex flows. Theoretical and Computational Fluid Dynamics, 2008, 22, 155-155.	0.9	0
165	Turbulence and Shear Flow Phenomena-5 Symposium. Journal of Turbulence, 2009, 10, N37.	0.5	0
166	Wall Modeled Large Eddy Simulation of a Delta Wing with Round Leading Edge. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2016, , 607-616.	0.2	0
167	Moving Contact Line with Balanced Stress Singularities. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2009, , 87-94.	0.1	0
168	Splitting for Highly Dissipative Smoothed Particle Dynamics. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2009, , 207-218.	0.1	0
169	Implicit LES of Passive-Scalar Mixing in a Confined Rectangular-Jet Reactor. , 2010, , 299-310.		0
170	Aerodynamic Analysis of a Helicopter Fuselage. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2010, , 603-610.	0.2	0
171	An Immersed Interface Method in the Framework of Implicit Large-Eddy Simulation. ERCOFTAC Series, 2010, , 109-115.	0.1	0
172	On Implementing the Hybrid Particle-Level-Set Method on Supercomputers for Two-Phase Flow Simulations. , 2008, , 445-456.		0