Gokhan Danabasoglu

List of Publications by Year
in descending order

153 papers	18,551 citations	14655 66 h-index	12597 132 g-index
165 all docs	165 docs citations	165 times ranked	12600 citing authors

#	Article	IF	Citations
1	Tracer budgets in the warm water sphere. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 48, 179.	1.7	16
2	Threat by marine heatwaves to adaptive large marine ecosystems in an eddy-resolving model. Nature Climate Change, 2022, 12, 179-186.	18.8	32
3	Role of Seaâ€Surface Salinity in Simulating Historical Decadal Variations of Atlantic Meridional Overturning Circulation in a Coupled Climate Model. Geophysical Research Letters, 2022, 49, .	4.0	5
4	Subseasonal Earth System Prediction with CESM2. Weather and Forecasting, 2022, 37, 797-815.	1.4	18
5	On the Intermittent Occurrence of Openâ€Ocean Polynyas in a Multiâ€Century Highâ€Resolution Preindustrial Earth System Model Simulation. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	2
6	Propagation of Thermohaline Anomalies and Their Predictive Potential along the Atlantic Water Pathway. Journal of Climate, 2022, 35, 2111-2131.	3.2	3
7	The Impact of Horizontal Resolution on Projected Seaâ€Level Rise Along US East Continental Shelf With the Community Earth System Model. Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.8	7
8	Skilful decadal-scale prediction of fish habitat and distribution shifts. Nature Communications, 2022, 13, 2660.	12.8	13
9	Role of Ocean and Atmosphere Variability in Scaleâ€Dependent Thermodynamic Airâ€Sea Interactions. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	6
10	Atlantic Meridional Overturning Circulation: Reviews of Observational and Modeling Advancesâ€"An Introduction. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016745.	2.6	15
11	Atlantic and Pacific tropics connected by mutually interactive decadal-timescale processes. Nature Geoscience, 2021, 14, 36-42.	12.9	76
12	Revisiting the Causal Connection between the Great Salinity Anomaly of the 1970s and the Shutdown of Labrador Sea Deep Convection. Journal of Climate, 2021, 34, 675-696.	3.2	9
13	Was the 2015 North Atlantic subpolar cold anomaly predictable?. Journal of Climate, 2021, , 1-69.	3.2	1
14	Predictable Variations of the Carbon Sinks and Atmospheric CO₂Growth in a Multiâ€Model Framework. Geophysical Research Letters, 2021, 48, e2020GL090695.	4.0	17
15	Building a Better Model to View Earthâ€™s Interacting Processes. Eos, 2021, 102, .	0.1	1
16	Revisiting AMOC Transport Estimates From Observations and Models. Geophysical Research Letters, 2021, 48, e2021GL093045.	4.0	6
17	Impacts of Atlantic multidecadal variability on the tropical Pacific: a multi-model study. Npj Climate and Atmospheric Science, 2021, 4, .	6.8	29
18	Introducing the New Regional Community Earth System Model, R-CESM. Bulletin of the American Meteorological Society, 2021, 102, E1821-E1843.	3.3	1

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19	Impacts of Arctic Sea Ice on Cold Season Atmospheric Variability and Trends Estimated from Observations and a Multi-model Large Ensemble. Journal of Climate, 2021, , 1-64.	3.2	11
20	Coupled Climate Responses to Recent Australian Wildfire and COVIDâ€19 Emissions Anomalies Estimated in CESM2. Geophysical Research Letters, 2021, 48, e2021GL093841.	4.0	19
21	Atlantic Multidecadal Variability and North Atlantic Jet: A Multimodel View from the Decadal Climate Prediction Project. Journal of Climate, 2021, 34, 347-360.	3.2	20
22	Bringing the Future Into Focus: Benefits and Challenges of High-Resolution Global Climate Change Simulations. Computing in Science and Engineering, 2021, 23, 34-41.	1.2	1
23	An outsized role for the Labrador Sea in the multidecadal variability of the Atlantic overturning circulation. Science Advances, 2021, 7, eabh3592.	10.3	41
24	Ubiquity of human-induced changes in climate variability. Earth System Dynamics, 2021, 12, 1393-1411.	7.1	131
25	An assessment of the Indian Ocean mean state and seasonal cycle in a suite of interannual CORE-II simulations. Ocean Modelling, 2020, 145, 101503.	2.4	20
26	Quantification of the Arctic Sea Iceâ€Driven Atmospheric Circulation Variability in Coordinated Large Ensemble Simulations. Geophysical Research Letters, 2020, 47, e2019GL085397.	4.0	29
27	Equilibrium Climate Sensitivity Estimated by Equilibrating Climate Models. Geophysical Research Letters, 2020, 47, e2019GL083898.	4.0	84
28	Atlantic Multidecadal Variability and Associated Climate Impacts Initiated by Ocean Thermohaline Dynamics. Journal of Climate, 2020, 33, 1317-1334.	3.2	20
29	An EnOIâ€Based Data Assimilation System With DART for a Highâ€Resolution Version of the CESM2 Ocean Component. Journal of Advances in Modeling Earth Systems, 2020, 12, e2020MS002176.	3.8	7
30	Comparison of Equilibrium Climate Sensitivity Estimates From Slab Ocean, 150â€Year, and Longer Simulations. Geophysical Research Letters, 2020, 47, e2020GL088852.	4.0	16
31	North Atlantic climate far more predictable than models imply. Nature, 2020, 583, 796-800.	27.8	158
32	Projected Future Changes in Tropical Cyclones Using the CMIP6 HighResMIP Multimodel Ensemble. Geophysical Research Letters, 2020, 47, e2020GL088662.	4.0	119
33	The Community Earth System Model Version 2 (CESM2). Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001916.	3.8	935
34	Skilful interannual climate prediction from two large initialised model ensembles. Environmental Research Letters, 2020, 15, 094083.	5.2	25
35	JRA55-do-based repeat year forcing datasets for driving oceanâ€“sea-ice models. Ocean Modelling, 2020, 147, 101557.	2.4	40
36	Current and Emerging Developments in Subseasonal to Decadal Prediction. Bulletin of the American Meteorological Society, 2020, 101, E869-E896.	3.3	116

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37	Robust Multiyear Climate Impacts of Volcanic Eruptions in Decadal Prediction Systems. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031739.	3.3	15
38	An Unprecedented Set of Highâ€Resolution Earth System Simulations for Understanding Multiscale Interactions in Climate Variability and Change. Journal of Advances in Modeling Earth Systems, 2020, 12, e2020MS002298.	3.8	104
39	Evaluation of global oceanâ€“sea-ice model simulations based on the experimental protocols of the Ocean Model Intercomparison Project phase 2 (OMIP-2). Geoscientific Model Development, 2020, 13, 3643-3708.	3.6	99
40	Impact of horizontal resolution on global oceanâ€“sea ice model simulations based on the experimental protocols of the Ocean Model Intercomparison Project phase 2 (OMIP-2). Geoscientific Model Development, 2020, 13, 4595-4637.	3.6	75
41	Optimizing high-resolution Community Earth System Model on a heterogeneous many-core supercomputing platform. Geoscientific Model Development, 2020, 13, 4809-4829.	3.6	30
42	Impact of Coherent Ocean Stratification on AMOC Reconstruction by Coupled Data Assimilation with a Biased Model. Journal of Climate, 2020, 33, 7319-7334.	3.2	3
43	High Climate Sensitivity in the Community Earth System Model Version 2 (CESM2). Geophysical Research Letters, 2019, 46, 8329-8337.	4.0	249
44	Atlantic Meridional Overturning Circulation: Observed Transport and Variability. Frontiers in Marine Science, 2019, 6, .	2.5	120
45	Comparing Ocean Surface Boundary Vertical Mixing Schemes Including Langmuir Turbulence. Journal of Advances in Modeling Earth Systems, 2019, 11, 3545-3592.	3.8	62
46	Ocean Climate Observing Requirements in Support of Climate Research and Climate Information. Frontiers in Marine Science, 2019, 6, .	2.5	12
47	LongRunMIP: Motivation and Design for a Large Collection of Millennial-Length AOGCM Simulations. Bulletin of the American Meteorological Society, 2019, 100, 2551-2570.	3.3	65
48	Robust and Nonrobust Aspects of Atlantic Meridional Overturning Circulation Variability and Mechanisms in the Community Earth System Model. Journal of Climate, 2019, 32, 7349-7368.	3.2	10
49	Robust skill of decadal climate predictions. Npj Climate and Atmospheric Science, 2019, 2, .	6.8	136
50	A Review of the Role of the Atlantic Meridional Overturning Circulation in Atlantic Multidecadal Variability and Associated Climate Impacts. Reviews of Geophysics, 2019, 57, 316-375.	23.0	298
51	Local and Downstream Relationships between Labrador Sea Water Volume and North Atlantic Meridional Overturning Circulation Variability. Journal of Climate, 2019, 32, 3883-3898.	3.2	41
52	100 Years of Earth System Model Development. Meteorological Monographs, 2019, 59, 12.1-12.66.	5.0	48
53	Challenges and Prospects in Ocean Circulation Models. Frontiers in Marine Science, 2019, 6, .	2.5	133
54	Modulation of Arctic Sea Ice Loss by Atmospheric Teleconnections from Atlantic Multidecadal Variability. Journal of Climate, 2019, 32, 1419-1441.	3.2	32

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55	Effects of Model Resolution, Physics, and Coupling on Southern Hemisphere Storm Tracks in CESM1.3. Geophysical Research Letters, 2019, 46, 12408-12416.	4.0	39
56	Impacts of the Atlantic Multidecadal Variability on North American Summer Climate and Heat Waves. Journal of Climate, 2018, 31, 3679-3700.	3.2	57
57	Low-Frequency North Atlantic Climate Variability in the Community Earth System Model Large Ensemble. Journal of Climate, 2018, 31, 787-813.	3.2	86
58	A global coupled ensemble data assimilation system using the Community Earth System Model and the Data Assimilation Research Testbed. Quarterly Journal of the Royal Meteorological Society, 2018, 144, 2404-2430.	2.7	22
59	Can the Salt-Advection Feedback Be Detected in Internal Variability of the Atlantic Meridional Overturning Circulation?. Journal of Climate, 2018, 31, 6649-6667.	3.2	6
60	The KPP Boundary Layer Scheme for the Ocean: Revisiting Its Formulation and Benchmarking Oneâ€Dimensional Simulations Relative to LES. Journal of Advances in Modeling Earth Systems, 2018, 10, 2647-2685.	3.8	62
61	Key Role of Internal Ocean Dynamics in Atlantic Multidecadal Variability During the Last Half Century. Geophysical Research Letters, 2018, 45, 13,449.	4.0	35
62	Circulation of the Turkish Straits System under interannual atmospheric forcing. Ocean Science, 2018, 14, 999-1019.	3.4	24
63	Predicted Chance That Global Warming Will Temporarily Exceed 1.5ÂÂ°C. Geophysical Research Letters, 2018, 45, 11,895.	4.0	31
64	Predicting Near-Term Changes in the Earth System: A Large Ensemble of Initialized Decadal Prediction Simulations Using the Community Earth System Model. Bulletin of the American Meteorological Society, 2018, 99, 1867-1886.	3.3	166
65	JRA-55 based surface dataset for driving oceanâ€"sea-ice models (JRA55-do). Ocean Modelling, 2018, 130, 79-139.	2.4	357
66	Comparison of the Atlantic meridional overturning circulation between 1960 and 2007 in six ocean reanalysis products. Climate Dynamics, 2017, 49, 957-982.	3.8	89
67	Climate Process Team on Internal Waveâ€"Driven Ocean Mixing. Bulletin of the American Meteorological Society, 2017, 98, 2429-2454.	3.3	235
68	Assessing the Climate Impacts of the Observed Atlantic Multidecadal Variability Using the GFDL CM2.1 and NCAR CESM1 Global Coupled Models. Journal of Climate, 2017, 30, 2785-2810.	3.2	170
69	A 2 Year Forecast for a 60â€"80% Chance of La NiÃ±a in 2017â€"2018. Geophysical Research Letters, 2017, 44, 11,624.	4.0	37
70	Biogeochemical protocols and diagnostics for the CMIP6 Ocean Model Intercomparison Project (OMIP). Geoscientific Model Development, 2017, 10, 2169-2199.	3.6	137
71	OMIP contribution to CMIP6: experimental and diagnostic protocol for the physical component of the Ocean Model Intercomparison Project. Geoscientific Model Development, 2016, 9, 3231-3296.	3.6	223
72	The Decadal Climate Prediction Project (DCPP) contribution to CMIP6. Geoscientific Model Development, 2016, 9, 3751-3777.	3.6	282

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73	Atmospheric Conditions Associated with Labrador Sea Deep Convection: New Insights from a Case Study of the 2006/07 and 2007/08 Winters. Journal of Climate, 2016, 29, 5281-5297.	3.2	14
74	North and equatorial Pacific Ocean circulation in the CORE-II hindcast simulations. Ocean Modelling, 2016, 104, 143-170.	2.4	32
75	An assessment of the Arctic Ocean in a suite of interannual CORE-II simulations. Part III: Hydrography and fluxes. Ocean Modelling, 2016, 100, 141-161.	2.4	81
76	Langmuir mixing effects on global climate: WAVEWATCH III in CESM. Ocean Modelling, 2016, 103, 145-160.	2.4	91
77	Comment on â€œThe Atlantic Multidecadal Oscillation without a role for ocean circulationâ€• Science, 2016, 352, 1527-1527.	12.6	136
78	An assessment of the Arctic Ocean in a suite of interannual CORE-II simulations. Part II: Liquid freshwater. Ocean Modelling, 2016, 99, 86-109.	2.4	58
79	North Atlantic Barotropic Vorticity Balances in Numerical Models. Journal of Physical Oceanography, 2016, 46, 289-303.	1.7	21
80	An assessment of the Arctic Ocean in a suite of interannual CORE-II simulations. Part I: Sea ice and solid freshwater. Ocean Modelling, 2016, 99, 110-132.	2.4	64
81	North Atlantic simulations in Coordinated Ocean-ice Reference Experiments phase II (CORE-II). Part II: Inter-annual to decadal variability. Ocean Modelling, 2016, 97, 65-90.	2.4	131
82	Predicted slowdown in the rate of Atlantic sea ice loss. Geophysical Research Letters, 2015, 42, 10,704.	4.0	113
83	The Community Earth System Model (CESM) Large Ensemble Project: A Community Resource for Studying Climate Change in the Presence of Internal Climate Variability. Bulletin of the American Meteorological Society, 2015, 96, 1333-1349.	3.3	1,723
84	An assessment of Southern Ocean water masses and sea ice during 1988â€“2007 in a suite of interannual CORE-II simulations. Ocean Modelling, 2015, 94, 67-94.	2.4	68
85	An assessment of Antarctic Circumpolar Current and Southern Ocean meridional overturning circulation during 1958â€“2007 in a suite of interannual CORE-II simulations. Ocean Modelling, 2015, 93, 84-120.	2.4	107
86	An evaluation of experimental decadal predictions using CCSM4. Climate Dynamics, 2015, 44, 907-923.	3.8	34
87	Decadal Climate Prediction: An Update from the Trenches. Bulletin of the American Meteorological Society, 2014, 95, 243-267.	3.3	454
88	North Atlantic simulations in Coordinated Ocean-ice Reference Experiments phase II (CORE-II). Part I: Mean states. Ocean Modelling, 2014, 73, 76-107.	2.4	320
89	The Origins of Late-Twentieth-Century Variations in the Large-Scale North Atlantic Circulation. Journal of Climate, 2014, 27, 3222-3247.	3.2	118
90	An assessment of global and regional sea level for years 1993â€“2007 in a suite of interannual CORE-II simulations. Ocean Modelling, 2014, 78, 35-89.	2.4	106

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91	The Atlantic Meridional Heat Transport at 26.5Â°N and Its Relationship with the MOC in the RAPID Array and the GFDL and NCAR Coupled Models. Journal of Climate, 2013, 26, 4335-4356.	3.2	67
92	An Ensemble Adjustment Kalman Filter for the CCSM4 Ocean Component. Journal of Climate, 2013, 26, 7392-7413.	3.2	44
93	Climate Feedbacks in CCSM3 under Changing CO2 Forcing. Part II: Variation of Climate Feedbacks and Sensitivity with Forcing. Journal of Climate, 2013, 26, 2784-2795.	3.2	59
94	The Impact of Oceanic Near-Inertial Waves on Climate. Journal of Climate, 2013, 26, 2833-2844.	3.2	141
95	Sensitivity of Atlantic Meridional Overturning Circulation Variability to Parameterized Nordic Sea Overflows in CCSM4. Journal of Climate, 2012, 25, 2077-2103.	3.2	55
96	Climate Sensitivity of the Community Climate System Model, Version 4. Journal of Climate, 2012, 25, 3053-3070.	3.2	190
97	A Decadal Prediction Case Study: Late Twentieth-Century North Atlantic Ocean Heat Content. Journal of Climate, 2012, 25, 5173-5189.	3.2	212
98	Climate Feedbacks in CCSM3 under Changing CO2 Forcing. Part I: Adapting the Linear Radiative Kernel Technique to Feedback Calculations for a Broad Range of Forcings. Journal of Climate, 2012, 25, 5260-5272.	3.2	52
99	The Low-Resolution CCSM4. Journal of Climate, 2012, 25, 3993-4014.	3.2	125
100	The CCSM4 Ocean Component. Journal of Climate, 2012, 25, 1361-1389.	3.2	497
101	Variability of the Atlantic Meridional Overturning Circulation in CCSM4. Journal of Climate, 2012, 25, 5153-5172.	3.2	147
102	The Community Climate System Model Version 4. Journal of Climate, 2011, 24, 4973-4991.	3.2	2,428
103	Parameterization of mixed layer eddies. III: Implementation and impact in global ocean climate simulations. Ocean Modelling, 2011, 39, 61-78.	2.4	269
104	Transport of 137Cs to the Southern Hemisphere in an ocean general circulation model. Progress in Oceanography, 2011, 89, 38-48.	3.2	45
105	Response to Increasing Southern Hemisphere Winds in CCSM4. Journal of Climate, 2011, 24, 4992-4998.	3.2	108
106	Climate impacts of parameterized Nordic Sea overflows. Journal of Geophysical Research, 2010, 115, .	3.3	119
107	Decadal Prediction. Bulletin of the American Meteorological Society, 2009, 90, 1467-1486.	3.3	662
108	Equilibrium Climate Sensitivity: Is It Accurate to Use a Slab Ocean Model?. Journal of Climate, 2009, 22, 2494-2499.	3.2	122

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109	Effects of different closures for thickness diffusivity. Ocean Modelling, 2009, 26, 47-59.	2.4	47
110	Coordinated Ocean-ice Reference Experiments (COREs). Ocean Modelling, 2009, 26, 1-46.	2.4	573
111	Sensitivity of CFC-11 uptake to physical initial conditions and interannually varying surface forcing in a global ocean model. Ocean Modelling, 2009, 29, 58-65.	2.4	10
112	Improving Oceanic Overflow Representation in Climate Models: The Gravity Current Entrainment Climate Process Team. Bulletin of the American Meteorological Society, 2009, 90, 657-670.	3.3	153
113	Potential role of the ocean thermostat in determining regional differences in coral reef bleaching events. Geophysical Research Letters, 2008, 35, .	4.0	108
114	Ocean viscosity and climate. Journal of Geophysical Research, 2008, 113, .	3.3	92
115	On Multidecadal Variability of the Atlantic Meridional Overturning Circulation in the Community Climate System Model Version 3. Journal of Climate, 2008, 21, 5524-5544.	3.2	109
116	Sensitivity of an Ocean General Circulation Model to a Parameterization of Near-Surface Eddy Fluxes. Journal of Climate, 2008, 21, 1192-1208.	3.2	79
117	Mechanisms Governing Interannual Variability of Upper-Ocean Temperature in a Global Ocean Hindcast Simulation. Journal of Physical Oceanography, 2007, 37, 1918-1938.	1.7	83
118	Effects of vertical variations of thickness diffusivity in an ocean general circulation model. Ocean Modelling, 2007, 18, 122-141.	2.4	117
119	On the effects of parameterized Mediterranean overflow on North Atlantic ocean circulation and climate. Ocean Modelling, 2007, 19, 31-52.	2.4	31
120	Changes in ocean ventilation during the 21st Century in the CCSM3. Ocean Modelling, 2006, 15, 141-156.	2.4	16
121	Ocean Chlorofluorocarbon and Heat Uptake during the Twentieth Century in the CCSM3. Journal of Climate, 2006, 19, 2366-2381.	3.2	42
122	CCSMâ€“CAM3 Climate Simulation Sensitivity to Changes in Horizontal Resolution. Journal of Climate, 2006, 19, 2267-2289.	3.2	105
123	Response of the North Atlantic Thermohaline Circulation and Ventilation to Increasing Carbon Dioxide in CCSM3. Journal of Climate, 2006, 19, 2382-2397.	3.2	89
124	Diurnal Coupling in the Tropical Oceans of CCSM3. Journal of Climate, 2006, 19, 2347-2365.	3.2	169
125	Attribution and Impacts of Upper-Ocean Biases in CCSM3. Journal of Climate, 2006, 19, 2325-2346.	3.2	225
126	A comparison of global ocean general circulation model solutions obtained with synchronous and accelerated integration methods. Ocean Modelling, 2004, 7, 323-341.	2.4	28

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127	Heat Uptake and the Thermohaline Circulation in the Community Climate System Model, Version 2. Journal of Climate, 2004, 17, 4058-4069.	3.2	21
128	Eulerian and Eddy-Induced Meridional Overturning Circulations in the Tropics. Journal of Physical Oceanography, 2002, 32, 2054-2071.	1.7	14
129	Equatorial Circulation of a Global Ocean Climate Model with Anisotropic Horizontal Viscosity. Journal of Physical Oceanography, 2001, 31, 518-536.	1.7	137
130	Decadal Variability and Predictability in the Midlatitude Oceanâ€"Atmosphere System. Journal of Climate, 2000, 13, 1073-1097.	3.2	35
131	An Upper-Ocean Model for Short-Term Climate Variability. Journal of Climate, 2000, 13, 3380-3411.	3.2	5
132	Ocean general circulation model sensitivity to forcing from scatterometer winds. Journal of Geophysical Research, 1999, 104, 11337-11358.	3.3	106
133	The NCAR Climate System Model Global Ocean Component*. Journal of Climate, 1998, 11, 1287-1306.	3.2	188
134	On the Wind-Driven Circulation of the Uncoupled and Coupled NCAR Climate System Ocean Model*. Journal of Climate, 1998, 11, 1442-1454.	3.2	23
135	Sensitivity to Surface Forcing and Boundary Layer Mixing in a Global Ocean Model: Annual-Mean Climatology. Journal of Physical Oceanography, 1997, 27, 2418-2447.	1.7	410
136	Tracer budgets in the warm water sphere. Tellus, Series A: Dynamic Meteorology and Oceanography, 1996, 48, 179-192.	1.7	6
137	Approach to Equilibrium in Accelerated Global Oceanic Models. Journal of Climate, 1996, 9, 1092-1110.	3.2	68
138	An Overlooked Problem in Model Simulations of the Thermohaline Circulation and Heat Transport in the Atlantic Ocean. Journal of Climate, 1995, 8, 515-523.	3.2	108
139	Sensitivity of the Global Ocean Circulation to Parameterizations of Mesoscale Tracer Transports. Journal of Climate, 1995, 8, 2967-2987.	3.2	223
140	Application of the Spectral Multidomain Method to the Navier-Stokes Equations. Journal of Computational Physics, 1994, 113, 155-164.	3.8	12
141	The Role of Mesoscale Tracer Transports in the Global Ocean Circulation. Science, 1994, 264, 1123-1126.	12.6	256
142	Spatial simulation of boundary layer instability - Effects of surface roughness. , 1993, , .		3
143	Spatial simulation of secondary instability in plane channel flow: comparison of K- and H-type disturbances. Journal of Fluid Mechanics, 1993, 253, 485.	3.4	23
144	A Spectral Multi-Domain Code for the Navier-Stokes Equations. , 1992, , 283-293.		0

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145	Numerical simulation of spatially-evolving instability in plane channel flow. , 1991, , .		1
146	Spatial simulation of instability control by periodic suction blowing. Physics of Fluids A, Fluid Dynamics, 1991, 3, 2138-2147.	1.6	54
147	Three-dimensional simulations of incompressible and compressible flow stability. Computer Physics Communications, 1991, 65, 76-83.	7.5	1
148	A Chebyshev matrix method for the spatial modes of the Orr-Sommerfeld equation. International Journal for Numerical Methods in Fluids, 1990, 11, 1033-1037.	1.6	11
149	Computation of convective flow with gravity modulation in rectangular cavities. Journal of Thermophysics and Heat Transfer, 1990, 4, 357-365.	1.6	45
150	Numerical simulation of spatially-evolving instability control in plane channel flow. , 1990, , .		27
151	A Finite-Difference Method with Direct Solvers for Thermally-Driven Cavity Problems. , 1990, , 35-42.		2
152	Numerical simulation of spatially-evolving instability in three-dimensional plane channel flow. , 1990, , 190-191.		0
153	Oscillatory flow with heat transfer in a square cavity. Physics of Fluids A, Fluid Dynamics, 1989, 1, 1796-1812.	1.6	18