Eric serre

List of Publications by Year in descending order

151 papers	2,651 citations	218381 26 h-index	243296 44 g-index
156 all docs	156 docs citations	156 times ranked	1544 citing authors

#	Article	IF	Citations
1	High-order large-eddy simulation of flow over the â€œAhmed bodyâ€•car model. Physics of Fluids, 2008, 20, .	1.6	144
2	The TOKAM3X code for edge turbulence fluid simulations of tokamak plasmas in versatile magnetic geometries. Journal of Computational Physics, 2016, 321, 606-623.	1.9	113
3	Annular and spiral patterns in flows between rotating and stationary discs. Journal of Fluid Mechanics, 2001, 434, 65-100.	1.4	103
4	Numerical modelling for divertor design of the WEST device with a focus on plasmaâ€"wall interactions. Nuclear Fusion, 2015, 55, 053025.	1.6	99
5	Laminar, Transitional, and Turbulent Flows in Rotor-Stator Cavities. Annual Review of Fluid Mechanics, 2010, 42, 229-248.	10.8	88
6	On simulating the turbulent flow around the Ahmed body: A Frenchâ€"German collaborative evaluation of LES and DES. Computers and Fluids, 2013, 78, 10-23.	1.3	87
7	Vortex breakdown in a three-dimensional swirling flow. Journal of Fluid Mechanics, 2002, 459, 347-370.	1.4	75
8	Experimental and high-order LES analysis of the flow in near-wall region of a square cylinder. International Journal of Heat and Fluid Flow, 2011, 32, 558-566.	1.1	69
9	Sensitivity of 2-D turbulent flow past a D-shaped cylinder using global stability. Physics of Fluids, 2012, 24, .	1.6	69
10	Coupled numerical and theoretical study of the flow transition between a rotating and a stationary disk. Physics of Fluids, 2004, 16, 688-706.	1.6	64
11	Near wall plasma simulation using penalization technique with the transport code SolEdge2D-Eirene. Journal of Nuclear Materials, 2013, 438, S445-S448.	1.3	60
12	A three-dimensional pseudospectral method for rotating flows in a cylinder. Computers and Fluids, 2001, 30, 491-519.	1.3	58
13	Large eddy simulation and measurements of turbulent enclosed rotor-stator flows. Physics of Fluids, 2007, 19, .	1.6	55
14	A spectral projection method for the simulation of complex three-dimensional rotating flows. Computers and Fluids, 2002, 31, 745-767.	1.3	54
15	Interaction between Ekman pumping and the centrifugal instability in Taylorâ€"Couette flow. Physics of Fluids, 2003, 15, 467-477.	1.6	52
16	TOKAM-3D: A 3D fluid code for transport and turbulence in the edge plasma of Tokamaks. Journal of Computational Physics, 2010, 229, 361-378.	1.9	45
17	A spectral vanishing viscosity for the LES of turbulent flows within rotating cavities. Journal of Computational Physics, 2007, 226, 1234-1255.	1.9	42
18	Penalization modeling of a limiter in the Tokamak edge plasma. Journal of Computational Physics, 2010, 229, 2220-2235.	1.9	41

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19	Blob dynamics in the TORPEX experiment: a multi-code validation. Plasma Physics and Controlled Fusion, 2016, 58, 044005.	0.9	41
20	An immersed boundary method in OpenFOAM : Verification and validation. Computers and Fluids, 2017, 157, 55-72.	1.3	40
21	Transition to supersonic flows in the edge plasma. Plasma Physics and Controlled Fusion, 2011, 53, 054019.	0.9	35
22	3D Properties of Edge Turbulent Transport in Full–Torus Simulations and their Impact on Poloidal Asymmetries. Contributions To Plasma Physics, 2014, 54, 555-559.	0.5	33
23	Stability of Taylor–Couette flow in a finite-length cavity with radial throughflow. Physics of Fluids, 2008, 20, .	1.6	31
24	Drive of parallel flows by turbulence and large-scale E × B transverse transport in divertor geometry. Nuclear Fusion, 2017, 57, 036029.	1.6	31
25	Spiral and Wavy Vortex Flows in Short Counter-Rotating Taylor-Couette Cells. Theoretical and Computational Fluid Dynamics, 2002, 16, 5-15.	0.9	30
26	A pressure-corrected Immersed Boundary Method for the numerical simulation of compressible flows. Journal of Computational Physics, 2018, 374, 361-383.	1.9	28
27	Absolute and convective instability of cylindrical Couette flow with axial and radial flows. Physics of Fluids, 2009, 21, .	1.6	26
28	Revisiting the two first instabilities of the flow in an annular rotor-stator cavity. Physics of Fluids, 2009, 21, .	1.6	26
29	The elephant mode between two rotating disks. Journal of Fluid Mechanics, 2008, 598, 451-464.	1.4	25
30	Three-dimensional modelling of edge multi-component plasma taking into account realistic wall geometry. Nuclear Materials and Energy, 2019, 18, 82-86.	0.6	25
31	3D modelling of edge parallel flow asymmetries. Journal of Nuclear Materials, 2009, 390-391, 347-350.	1.3	24
32	Axisymmetric and three-dimensional instabilities in an Ekman boundary layer flow. International Journal of Heat and Fluid Flow, 2001, 22, 82-93.	1.1	23
33	Large-eddy simulation in a mixing tee junction: High-order turbulent statistics analysis. International Journal of Heat and Fluid Flow, 2015, 51, 65-77.	1.1	23
34	Progress in edge plasma turbulence modelling—hierarchy of models from 2D transport application to 3D fluid simulations in realistic tokamak geometry. Nuclear Fusion, 2021, 61, 116052.	1.6	23
35	Square patterns in rotating Rayleigh-Bénard convection. Physical Review E, 2005, 72, 036307.	0.8	22
36	Implementation of drift velocities and currents in SOLEDGE2D–EIRENE. Nuclear Materials and Energy, 2017, 12, 852-857.	0.6	22

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37	Incorporating Darcy's law for pure solvent flow through porous tubes: Asymptotic solution and numerical simulations. AICHE Journal, 2012, 58, 2030-2044.	1.8	21
38	High-order Large Eddy Simulations of Confined Rotor-Stator Flows. Flow, Turbulence and Combustion, 2012, 88, 63-75.	1.4	20
39	Mechanisms for the transition to waviness for Taylor vortices. Physics of Fluids, 2014, 26, .	1.6	20
40	Interchange Turbulence Model for the Edge Plasma in SOLEDGE2Dâ€EIRENE. Contributions To Plasma Physics, 2016, 56, 555-562.	0.5	20
41	Vortex breakdown in a cylinder with a rotating bottom and a flat stress-free surface. International Journal of Heat and Fluid Flow, 2007, 28, 229-248.	1.1	19
42	Transition to turbulence through steep global-modes cascade in an open rotating cavity. Journal of Fluid Mechanics, 2011, 688, 493-506.	1.4	19
43	A penalization technique to model plasma facing components in a tokamak with temperature variations. Journal of Computational Physics, 2014, 274, 283-298.	1.9	19
44	Multi-scale self-organisation of edge plasma turbulent transport in 3D global simulations. Plasma Physics and Controlled Fusion, 2015, 57, 054014.	0.9	19
45	Self-consistent cross-field transport model for core and edge plasma transport. Nuclear Fusion, 2021, 61, 106020.	1.6	19
46	Applications of SOLEDGE-2D code to complex SOL configurations and analysis of Mach probe measurements. Journal of Nuclear Materials, 2011, 415, S589-S592.	1.3	18
47	Density Regimes and Heat Flux Deposition in the WEST Shallow Divertor Configuration. Contributions To Plasma Physics, 2014, 54, 378-382.	0.5	18
48	Experimental and Theoretical Sensitivity Analysis of Turbulent Flow Past a Square Cylinder. Flow, Turbulence and Combustion, 2016, 97, 987-1015.	1.4	17
49	Interaction of wavy cylindrical Couette flow with endwalls. Physics of Fluids, 2004, 16, 1140-1148.	1.6	16
50	Pressure-driven radial flow in a Taylorâ€"Couette cell. Journal of Fluid Mechanics, 2010, 660, 527-537.	1.4	15
51	3D structure and dynamics of filaments in turbulence simulations of WEST diverted plasmas. Nuclear Fusion, 2019, 59, 096006.	1.6	15
52	Three-dimensional swirling flow with a precessing vortex breakdown in a rotor-stator cylinder. Physics of Fluids, 2001, 13, 3500-3503.	1.6	14
53	Direct Numerical Simulation of Transitional Turbulent Flow in a Closed Rotor-Stator Cavity. Flow, Turbulence and Combustion, 2002, 69, 35-50.	1.4	14
54	High-order LES of turbulent heat transfer in a rotorâ€"stator cavity. International Journal of Heat and Fluid Flow, 2009, 30, 590-601.	1.1	14

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55	Parallel shear flow instability in the tokamak edge. Journal of Nuclear Materials, 2011, 415, S601-S604.	1.3	14
56	From stratified wakes to rotorâ€"stator flows by an SVVâ€"LES method. Theoretical and Computational Fluid Dynamics, 2008, 22, 261-273.	0.9	13
57	The Mistral base case to validate kinetic and fluid turbulence transport codes of the edge and SOL plasmas. Journal of Nuclear Materials, 2011, 415, S597-S600.	1.3	13
58	Linear and weakly nonlinear analyses of cylindrical Couette flow with axial and radial flows. Journal of Fluid Mechanics, 2017, 824, 438-476.	1.4	13
59	A hybrid discontinuous Galerkin method for tokamak edge plasma simulations in global realistic geometry. Journal of Computational Physics, 2018, 374, 515-532.	1.9	13
60	Tokamak Edge Plasma Turbulence Interaction with Magnetic X-Point in 3D Global Simulations. Fluids, 2019, 4, 50.	0.8	13
61	Modelling of tungsten contamination and screening in WEST plasma discharges. Nuclear Fusion, 2021, 61, 106019.	1.6	13
62	Penalization technique to model wall-component impact on heat and mass transport in the tokamak edge. Journal of Nuclear Materials, 2013, 438, S625-S628.	1.3	12
63	Effect of turbulent fluctuations on neutral particles transport with the TOKAM3X-EIRENE turbulence code. Nuclear Materials and Energy, 2019, 18, 105-110.	0.6	12
64	Dynamic modelling of local fuel inventory and desorption in the whole tokamak vacuum vessel for auto-consistent plasma-wall interaction simulations. Nuclear Materials and Energy, 2019, 19, 550-557.	0.6	12
65	A high-order non field-aligned approach for the discretization of strongly anisotropic diffusion operators in magnetic fusion. Computer Physics Communications, 2020, 254, 107375.	3.0	12
66	A 3D pseudospectral method for cylindrical coordinates. Application to the simulations of rotating cavity flows. Journal of Computational Physics, 2012, 231, 6290-6305.	1.9	11
67	A <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.gif" overflow="scroll"><mml:mrow><mml:mi>Î°</mml:mi><mml:mo>â˜</mml:mo><mml:mrow><mml:mi>Îµ</mml:mi></mml:mrow></mml:mrow></mml model for plasma anomalous transport in tokamaks: closure via the scaling of the global confinement. Nuclear Materials and Energy, 2019, 19, 200-204.	0.6	11
68	Validation of edge turbulence codes in a magnetic X-point scenario in TORPEX. Physics of Plasmas, 2022, 29, .	0.7	11
69	Ekman vortices and the centrifugal instability in counter-rotating cylindrical Couette flow. Theoretical and Computational Fluid Dynamics, 2004, 18, 151-168.	0.9	10
70	A 3D pseudo-spectral low Mach-number solver for buoyancy driven flows with large temperature differences. Computers and Fluids, 2012, 66, 107-120.	1.3	10
71	Investigation of Edge and SOL Particle Flux Patterns in High Density Regimes using SOLEDGE2Dâ€"EIRENE Code. Contributions To Plasma Physics, 2014, 54, 432-436.	0.5	10
72	Large eddy simulation in Code_Saturne of thermal mixing in a T junction with brass walls. International Journal of Heat and Fluid Flow, 2017, 63, 119-127.	1.1	10

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73	Transition to turbulence in the rotating disk boundary layer of a rotor–stator cavity. Journal of Fluid Mechanics, 2018, 848, 631-647.	1.4	10
74	Magnetic geometry and particle source drive of supersonic divertor regimes. Plasma Physics and Controlled Fusion, 2014, 56, 122001.	0.9	9
75	Impact of the plasma-wall contact position on edge turbulent transport and poloidal asymmetries in 3D global turbulence simulations. Journal of Nuclear Materials, 2015, 463, 654-658.	1.3	9
76	H-mode WEST tungsten divertor operation: deuterium and nitrogen seeded simulations with SOLEDGE2D-EIRENE. Nuclear Materials and Energy, 2017, 12, 187-192.	0.6	9
77	Optimization of turbulence reduced model free parameters based on L–mode experiments and 2D transport simulations. Contributions To Plasma Physics, 2018, 58, 511-517.	0.5	9
78	A new conservative finite-difference scheme for anisotropic elliptic problems in bounded domain. Journal of Computational Physics, 2020, 405, 109093.	1.9	9
79	Impact of collisionality on turbulence in the edge of tokamak plasma using 3D global simulations. Nuclear Fusion, 2021, 61, 056002.	1.6	9
80	Generalized collisional fluid theory for multi-component, multi-temperature plasma using the linearized Boltzmann collision operator for scrape-off layer/edge applications. Plasma Physics and Controlled Fusion, 2021, 63, 064005.	0.9	9
81	On the nature of the boundary layers instabilities in a flow between a rotating and a stationary disc. Comptes Rendus - Mecanique, 2002, 330, 91-99.	2.1	8
82	Transitional-turbulent flow with heat transfer in a closed rotor-stator cavity. Journal of Turbulence, 2004, 5, .	0.5	8
83	A 3D pseudospectral algorithm for fluid flows with permeable walls. Application to filtration. Computers and Fluids, 2014, 93, 129-145.	1.3	8
84	Effect of Statistical Noise on Simulation Results with a Plasma Fluid Code Coupled to a Monte Carlo Kinetic Neutral Code. Contributions To Plasma Physics, 2016, 56, 604-609.	0.5	8
85	Self–consistent coupling of the three–dimensional fluid turbulence code TOKAM3X and the kinetic neutrals code EIRENE. Contributions To Plasma Physics, 2018, 58, 490-496.	0.5	8
86	Edge turbulence in ISTTOK: a multi-code fluid validation. Plasma Physics and Controlled Fusion, 2021, 63, 055013.	0.9	8
87	Modelling SOL flow pattern spreading in the edge plasma. Journal of Nuclear Materials, 2009, 390-391, 388-391.	1.3	7
88	Numerical analysis of the impact of an RF sheath on the Scrape-Off Layer in 2D and 3D turbulence simulations. Nuclear Materials and Energy, 2017, 12, 1171-1177.	0.6	7
89	Fluid and kinetic modelling for non–local heat transport in magnetic fusion devices. Contributions To Plasma Physics, 2018, 58, 457-464.	0.5	7
90	First modeling of strongly radiating WEST plasmas with SOLEDGE-EIRENE. Nuclear Materials and Energy, 2019, 20, 100685.	0.6	7

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91	A magnetic-field independent approach for strongly anisotropic equations arising plasma-edge transport simulations. Nuclear Materials and Energy, 2019, 19, 340-345.	0.6	7
92	Implementation of multi-component Zhdanov closure in SOLEDGE3X. Plasma Physics and Controlled Fusion, 2022, 64, 055001.	0.9	7
93	Multi-temperature generalized Zhdanov closure for scrape-off layer/edge applications. Plasma Physics and Controlled Fusion, 2022, 64, 045005.	0.9	7
94	Numerical and experimental study of the time-dependent states and the slow dynamics in a von Kármán swirling flow. Geophysical and Astrophysical Fluid Dynamics, 2009, 103, 163-177.	0.4	6
95	A new high‐order fluid solver for tokamak edge plasma transport simulations based on a magnetic‐field independent discretization. Contributions To Plasma Physics, 2018, 58, 688-695.	0.5	6
96	Impact of an alternative divertor configuration on plasma detachment: pure deuterium simulations using the SOLEDGE2D-EIRENE edge transport code for HL-2M scenarios. Nuclear Fusion, 2019, 59, 106019.	1.6	6
97	*A posteriori* error estimate in fluid simulations of turbulent edge plasmas for magnetic fusion in tokamak using the data mining iPoPe method. Physics of Plasmas, 2020, 27, .	0.7	6
98	High-order LES of the flow over a simplified car model. European Journal of Computational Mechanics, 2009, 18, 627-646.	0.6	5
99	Impact of a Langmuir Probe on Turbulence Measurements in the Scrape‐Off‐Layer of Tokamaks. Contributions To Plasma Physics, 2014, 54, 543-548.	0.5	5
100	Generation and dynamics of SOL corrugated profiles. Journal of Physics: Conference Series, 2018, 1125, 012011.	0.3	5
101	Fluid description of neutral particles in divertor regimes in WEST. Contributions To Plasma Physics, 2018, 58, 710-717.	0.5	5
102	Large temperature difference heat dominated flow simulations using a pressure-based lattice Boltzmann method with mass correction. Physics of Fluids, 2021, 33, .	1.6	5
103	A theoretical analysis of mass leakage at boundaries within the lattice Boltzmann method. Physics of Fluids, 2022, 34, .	1.6	5
104	Numerical Modeling of the Impact of Geometry and Wall Components on Transport in the Tokamak Edge. Contributions To Plasma Physics, 2012, 52, 401-405.	0.5	4
105	Study of the role of the magnetic configuration in a *k*-*μ* model for anomalous transport in tokamaks.. Journal of Physics: Conference Series, 2018, 1125, 012001.	0.3	4
106	Interpretative modeling of impurity transport and tungsten sources in WEST boundary plasma. Nuclear Fusion, 2021, 61, 126015.	1.6	4
107	Core-edge 2D fluid modeling of full tokamak discharge with varying magnetic equilibrium: from WEST start-up to ramp-down. Nuclear Fusion, 2022, 62, 086002.	1.6	4
108	Instabilité tridimensionnelle de la couche d'Ekman dans une configuration annulaire avec flux forcé. Comptes Rendus De L'Academie De Sciences - Serie IIb: Mecanique, Physique, Chimie, Astronomie, 1998, 326, 873-879.	0.1	3

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109	2D modelling of electron and ion temperature in the plasma edge and SOL. Journal of Nuclear Materials, 2011, 415, S574-S578.	1.3	3
110	Divertor imbalance and divertor density regimes for ballooned cross-field turbulence. Journal of Nuclear Materials, 2013, 438, S368-S371.	1.3	3
111	Comparison on heat flux deposition between carbon and tungsten wall â€" Investigations on energy recycling. Journal of Nuclear Materials, 2015, 463, 420-423.	1.3	3
112	Interplay between Plasma Turbulence and Particle Injection in 3D Global Simulations. Contributions To Plasma Physics, 2016, 56, 569-574.	0.5	3
113	Flux expansion effect on turbulent transport in 3D global simulations. Nuclear Materials and Energy, 2017, 12, 953-958.	0.6	3
114	The impact of magnetic shear on the dynamics of a seeded 3D filament in slab geometry. Nuclear Materials and Energy, 2017, 12, 798-807.	0.6	3
115	Impact of negative triangularity on edge plasma transport and turbulence in TOKAM3X simulations. Nuclear Materials and Energy, 2021, 27, 101012.	0.6	3
116	A new hybrid lattice-Boltzmann method for thermal flow simulations in low-Mach number approximation. Physics of Fluids, 2022, 34, .	1.6	3
117	Boundary conditions at the limiter surface obtained in the modelling of plasma wall interaction with a penalization technique. Journal of Nuclear Materials, 2011, 415, S579-S583.	1.3	2
118	Geometry effects on Rayleigh-Bénard convection in rotating annular layers. Physical Review E, 2014, 89, 063013.	0.8	2
119	Wall surface temperature calculation in the SolEdge2D-EIRENE transport code. Physica Scripta, 2016, T167, 014073.	1.2	2
120	First Principle Modelling of Interplay between Langmuir Probes and Plasma Turbulence. Contributions To Plasma Physics, 2016, 56, 575-580.	0.5	2
121	Towards a consistent modelling of plasma edge turbulence in mean field transport codes: Focus on sputtering and plasma fluctuations. Nuclear Materials and Energy, 2017, 12, 931-934.	0.6	2
122	Impact of safety factor and magnetic shear profiles on edge turbulence in circular limited geometry. Contributions To Plasma Physics, 2018, 58, 497-504.	0.5	2
123	EUROfusion-theory and advanced simulation coordination (E-TASC): programme and the role of high performance computing. Plasma Physics and Controlled Fusion, 2022, 64, 034005.	0.9	2
124	Title is missing!. Journal of Scientific Computing, 2002, 17, 153-165.	1.1	1
125	An implicit pseudo-spectral multi-domain method for the simulation of incompressible flows. International Journal for Numerical Methods in Fluids, 2003, 41, 447-470.	0.9	1
126	Parallel expansion of density bursts. Journal of Nuclear Materials, 2011, 415, S613-S616.	1.3	1

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127	Parallel Kelvin-Helmholtz instability in edge plasma. Journal of Physics: Conference Series, 2014, 561, 012009.	0.3	1
128	Investigation of drift velocity effects on the EDGE and SOL transport. Journal of Nuclear Materials, 2015, 463, 489-492.	1.3	1
129	Radiation Driven Bifurcations in Fusion Plasmas. , 2017, , .		1
130	Application of a two-fluid two-point model to SolEdge2D-EIRENE simulations of TCV H-mode plasma. Nuclear Materials and Energy, 2019, 18, 29-34.	0.6	1
131	Optimal Transient Growth in an Incompressible Flow past a Backward-Slanted Step. Fluids, 2019, 4, 33.	0.8	1
132	Impact of three-dimensional magnetic perturbations on turbulence in tokamak edge plasmas. Plasma Physics and Controlled Fusion, 2021, 63, 055017.	0.9	1
133	High-Order Numerical Solutions for Rotating Flows with Walls. Lecture Notes in Computational Science and Engineering, 2002, , 213-220.	0.1	1
134	High Performance Computer Codes and their Application to Optimize Crystal Growth Processes, III. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2003, , 49-76.	0.2	1
135	High-Order Methods for Large-Eddy Simulation in Complex Geometries. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2009, , 309-334.	0.2	1
136	Spatial adaptivity in SOLEDGE3Xâ€HDG for edge plasma simulations in versatile magnetic and reactor geometries. Contributions To Plasma Physics, 0, , .	0.5	1
137	InstabilitÃ© tridimensionnelle dans une cavitÃ© inter-disque de type rotor-stator. Comptes Rendus De L'Academie De Sciences - Serie IIb: Mecanique, Physique, Chimie, Astronomie, 1999, 327, 1139-1146.	0.1	0
138	High-order accurate spectral approximations for Navierâ€"Stokes problems. Nonlinear Analysis: Theory, Methods & Applications, 2001, 47, 4257-4268.	0.6	0
139	Eclatement tourbillonnaire dans une cavitÃ© rotorâ€"stator cylindrique. Comptes Rendus Mecanique, 2001, 329, 671-677.	0.2	0
140	Identification of complex flows in Taylorâ€"Couette counter-rotating cavities. Comptes Rendus Mecanique, 2001, 329, 727-733.	0.2	0
141	Ã‰coulement en eau peu profonde autour d'un modÃ¨le d'Ã®le conique. Revue Europeenne Des Elements, 2003, 12, 361-371.	0.1	0
142	A 3D Chebyshev-Fourier algorithm for convection equations in low Mach number approximation. European Journal of Computational Mechanics, 2009, 18, 607-625.	0.6	0
143	Structure and stability of annular sheared channel flows: effects of confinement, curvature and inertial forces â€" waves. European Physical Journal B, 2011, 79, 35-46.	0.6	0
144	High-Order Simulation of the Flow Instability Over a Non-Circular Structure. , 2013, , .		0

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145	Numerical Fluid Modelling of the Plasma Edge Response to a 3D Object and Application to Mach Probe Measurements. Contributions To Plasma Physics, 2014, 54, 373-377.	0.5	0
146	Vortex breakdown in a cylinder with a free surface. , 2003, , 1125-1127.		0
147	Studies of Transitional and Turbulent Flows in Rotor-Stator Cavity Using High-Performance Computations. ERCOFTAC Series, 2004, , 205-212.	0.1	0
148	Novel Outflow Boundary Conditions for Spectral Direct Numerical Simulation of Rotating Flows. Lecture Notes in Computational Science and Engineering, 2014, , 383-392.	0.1	0
149	EFFECTS OF AXIAL MAGNETIC FIELD AND THERMAL CONVECTION ON A COUNTERROTATING VON KARMAN FLOW. Heat Transfer Research, 2016, 47, 471-488.	0.9	0
150	The 21 N â€‐moment multiâ€‐temperature collision coefficients for Zhdanov closure. Contributions To Plasma Physics, 0, , .	0.5	0
151	Recent Upgrades in a 2D Turbulent Transport Solver Based on a Hybrid Discontinuous Galerkin Method for the Simulation of Fusion Plasma in Tokamak. Fluids, 2022, 7, 63.	0.8	0