

Vassilios Theofilis

List of Publications by Year in descending order

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177
papers

4,960
citations

136740

32
h-index

98622

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g-index

187
all docs

187
docs citations

187
times ranked

2042
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical prediction of low-frequency fluctuations inside a one-dimensional shock. Theoretical and Computational Fluid Dynamics, 2022, 36, 25-40.	0.9	5
2	Linear stability analysis of hypersonic boundary layers computed by a kinetic approach: a semi-infinite flat plate at $M_{\infty} \leq 9$. Theoretical and Computational Fluid Dynamics, 2022, 36, 117-139.	0.9	13
3	Transient growth analysis of hypersonic flow over an elliptic cone. Journal of Fluid Mechanics, 2022, 935, .	1.4	7
4	Special issue on the fluid mechanics of hypersonic flight. Theoretical and Computational Fluid Dynamics, 2022, 36, 1-8.	0.9	10
5	On the synchronisation of three-dimensional shock layer and laminar separation bubble instabilities in hypersonic flow over a double wedge. Journal of Fluid Mechanics, 2022, 941, .	1.4	18
6	The effect of an isolated cylindrical roughness element on a semi-infinite flat plate in rarefied Mach 6 flow is studied using Direct Simulation Monte Carlo methods. , 2022, , .		1
7	On Linear Stability of Compression Corner Flows Obtained by Kinetic Theory. , 2022, , .		0
8	Linear modal instabilities around post-stall swept finite wings at low Reynolds numbers. Journal of Fluid Mechanics, 2022, 944, .	1.4	11
9	Steady Laminar Solutions of Hypersonic Flow Over Oberkampf Bodies at Cruise. , 2021, , .		3
10	Slip Effects on the Stability of Supersonic Laminar Flat Plate Boundary Layer. , 2021, , .		5
11	Global Linear Stability Analysis of the Supersonic Flows Over a Hollow Cylinder Flare Model. , 2021, , .		3
12	Linear Instability Mechanisms of Supersonic Flow Past Blunt Bodies. , 2021, , .		0
13	A kinetic approach to studying low-frequency molecular fluctuations in a one-dimensional shock. Physics of Fluids, 2021, 33, .	1.6	9
14	Correction: Modal Analysis of Fluid Flows: An Overview. AIAA Journal, 2020, 58, AU9-AU9.	1.5	9
15	Analysis of Spanwise Homogeneous Perturbations in Laminar Hypersonic Shock-Boundary Layer Interactions. , 2020, , .		0
16	Simulation of Air Puff Tonometry Test Using Arbitrary Lagrangian-Eulerian (ALE) Deforming Mesh for Corneal Material Characterisation. International Journal of Environmental Research and Public Health, 2020, 17, 54.	1.2	22
17	Fluid-Structure Interaction Based Algorithms for IOP and Corneal Material Behavior. Frontiers in Bioengineering and Biotechnology, 2020, 8, 970.	2.0	11
18	Laminar separated flows over finite-aspect-ratio swept wings. Journal of Fluid Mechanics, 2020, 905, .	1.4	21

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19	Characteristics of acoustic and hydrodynamic waves in under-expanded supersonic impinging jets. Journal of Fluid Mechanics, 2020, 905, .	1.4	13
20	On the formation of three-dimensional separated flows over wings under tip effects. Journal of Fluid Mechanics, 2020, 895, .	1.4	57
21	Receptivity of the turbulent precessing vortex core: synchronization experiments and global adjoint linear stability analysis. Journal of Fluid Mechanics, 2020, 888, .	1.4	15
22	Receptivity characteristics of under-expanded supersonic impinging jets. Journal of Fluid Mechanics, 2020, 889, .	1.4	19
23	Use of particle methods for understanding hypersonic shock boundary layer interactions. AIP Conference Proceedings, 2019, , .	0.3	1
24	Kinetic modeling of unsteady hypersonic flows over a tick geometry. Physics of Fluids, 2019, 31, .	1.6	10
25	Stability of Low-Reynolds-Number Separated Flow Around an Airfoil Near a Wavy Ground. AIAA Journal, 2019, 57, 29-34.	1.5	20
26	Steady-States of Supersonic Flows Over Compression Ramps. , 2019, , .		3
27	Wake Dynamics of Finite Aspect Ratio Wings. Part I: An Experimental Study. , 2019, , .		0
28	Wake Dynamics of Finite Aspect Ratio Wings. Part II: Computational Study. , 2019, , .		1
29	Wake Dynamics of Finite Aspect Ratio Wings. Part III: TriGlobal Linear Stability Analysis. , 2019, , .		3
30	Global Transient-Growth Analysis of Hypersonic Flow on the HIFiRE-5 Elliptic Cone Model. , 2019, , .		2
31	Modal analysis with proper orthogonal decomposition of hypersonic separated flows over a double wedge. Physical Review Fluids, 2019, 4, .	1.0	18
32	Investigation of unsteady, hypersonic, laminar separated flows over a double cone geometry using a kinetic approach. Physics of Fluids, 2018, 30, .	1.6	60
33	Linearised dynamics and non-modal instability analysis of an impinging under-expanded supersonic jet. Journal of Physics: Conference Series, 2018, 1001, 012019.	0.3	6
34	On the unsteadiness of shockâ€“laminar boundary layer interactions of hypersonic flows over a double cone. Physics of Fluids, 2018, 30, .	1.6	59
35	Development of New Techniques for Studying Unsteady Behavior in Hypersonic Boundary Layer Interactions. , 2018, , .		0
36	Effects of Reynolds Number on Laminar Boundary Layer Shock-Interaction Hypersonic Flows on a Double Cone. , 2018, , .		1

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37	Linear instability in the wake of an elliptic wing. Theoretical and Computational Fluid Dynamics, 2017, 31, 483-504.	0.9	12
38	The linearized pressure Poisson equation for global instability analysis of incompressible flows. Theoretical and Computational Fluid Dynamics, 2017, 31, 623-642.	0.9	13
39	Linear instability of low Reynolds number massively separated flow around three NACA airfoils. Journal of Fluid Mechanics, 2017, 811, 701-741.	1.4	57
40	Special issue on global flow instability and control. Theoretical and Computational Fluid Dynamics, 2017, 31, 471-474.	0.9	0
41	Modal Analysis of Fluid Flows: An Overview. AIAA Journal, 2017, 55, 4013-4041.	1.5	1,020
42	Distributed Solution of Global Eigenvalue Problems on Large Clusters. , 2017, , .		2
43	Lattice Boltzmann methods for global linear instability analysis. Theoretical and Computational Fluid Dynamics, 2017, 31, 643-664.	0.9	14
44	Inception and evolution of coherent structures in under-expanded supersonic jets. Journal of Physics: Conference Series, 2016, 708, 012015.	0.3	5
45	Second Multiflow Summer School on Turbulence. Journal of Physics: Conference Series, 2016, 708, 011001.	0.3	0
46	Linear instability analysis of low- incompressible flow over a long rectangular finite-span open cavity. Journal of Fluid Mechanics, 2016, 799, .	1.4	16
47	Formation of Three-Dimensional Structures in the Hemisphere-Cylinder. AIAA Journal, 2016, 54, 3884-3894.	1.5	10
48	Linear modal instabilities of hypersonic flow over an elliptic cone. Journal of Fluid Mechanics, 2016, 804, 442-466.	1.4	53
49	Control of flow instabilities in an open aircraft bay model cavity. , 2016, , .		0
50	Modal and non-modal global instability analyses of low-Re massively separated flow around a NACA 0015 airfoil. , 2016, , .		2
51	Global and Local Hydrodynamic Stability Analysis as a Tool for Combustor Dynamics Modeling. Journal of Engineering for Gas Turbines and Power, 2016, 138, .	0.5	14
52	Instability and sensitivity analysis of flows using OpenFOAM®. Chinese Journal of Aeronautics, 2016, 29, 316-325.	2.8	25
53	Instability Mechanisms in Straight-Diverging-Straight Channels. Procedia IUTAM, 2015, 14, 236-245.	1.2	4
54	The Nonlinear PSE-3D Concept for Transition Prediction in Flows with a Single Slowly-varying Spatial Direction. Procedia IUTAM, 2015, 14, 36-44.	1.2	37

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55	Investigation of the Global Mode in Swirling Combustor Flows: Experimental Observations and Local and Global Stability Analysis. <i>Procedia IUTAM</i> , 2015, 14, 553-562.	1.2	3
56	Global Instability Analysis of Laminar Boundary Layer Flow Over a Bump at Transonic Conditions. <i>Procedia IUTAM</i> , 2015, 14, 503-510.	1.2	0
57	Linear Instability Analysis of Incompressible Flow Over A Cuboid Cavity. <i>Procedia IUTAM</i> , 2015, 14, 511-518.	1.2	1
58	Global and Local Hydrodynamic Stability Analysis as a Tool for Combustor Dynamics Modeling. , 2015, , .		1
59	On vortex filament methods for linear instability analysis of aircraft wakes. <i>Aerospace Science and Technology</i> , 2015, 44, 51-68.	2.5	3
60	Instability and Control of Massively Separated Flows. <i>Fluid Mechanics and Its Applications</i> , 2015, , .	0.1	1
61	Numerical Studies of Non-linear Intrinsic Streaks in the Flat Plate Boundary Layer. <i>Procedia IUTAM</i> , 2015, 14, 479-486.	1.2	1
62	On Global Linear Instability Mechanisms of Flow Around Airfoils at Low Reynolds Number and High Angle of Attack. <i>Procedia IUTAM</i> , 2015, 14, 88-95.	1.2	9
63	Compressible modes in a square lid-driven cavity. <i>Aerospace Science and Technology</i> , 2015, 44, 125-134.	2.5	18
64	Instability Study of the Wake Behind a Discrete Roughness Element in a Hypersonic Boundary-Layer. <i>Fluid Mechanics and Its Applications</i> , 2015, , 91-96.	0.1	4
65	Three-Dimensional Transition of the Flow Past a Cylinder Fitted with Helical Strakes. <i>Fluid Mechanics and Its Applications</i> , 2015, , 111-116.	0.1	1
66	Vortex Filament and Global Instability Analysis of the Crow Mode. <i>Fluid Mechanics and Its Applications</i> , 2015, , 229-234.	0.1	1
67	Flow around a hemisphere-cylinder at high angle of attack and low Reynolds number. Part II: POD and DMD applied to reduced domains. <i>Aerospace Science and Technology</i> , 2015, 44, 88-100.	2.5	41
68	On the use of matrix-free shift-invert strategies for global flow instability analysis. <i>Aerospace Science and Technology</i> , 2015, 44, 69-76.	2.5	10
69	Centerline instabilities on the hypersonic international flight research experimentation HIFiRE-5 elliptic cone model. <i>Journal of Fluids and Structures</i> , 2015, 53, 36-49.	1.5	35
70	Flow around a hemisphere-cylinder at high angle of attack and low Reynolds number. Part I: Experimental and numerical investigation. <i>Aerospace Science and Technology</i> , 2015, 44, 77-87.	2.5	38
71	Effect of the Trailing Edge Geometry on the Unsteadiness of the Flow Around a Stalled NACA 0015 Airfoil. <i>Fluid Mechanics and Its Applications</i> , 2015, , 45-50.	0.1	2
72	Numerical Simulation of a Synthetic Jet with OpenFOAM. <i>Fluid Mechanics and Its Applications</i> , 2015, , 197-202.	0.1	1

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73	Molecular Dynamics Simulations of Couette Flow. Fluid Mechanics and Its Applications, 2015, , 223-228.	0.1	0
74	Prologue to the International Conference on Massively Separated Flows and Their Control. Fluid Mechanics and Its Applications, 2015, , 1-3.	0.1	0
75	Modal Stability Theory. Applied Mechanics Reviews, 2014, 66, .	4.5	53
76	On three-dimensional global linear instability analysis of flows with standard aerodynamics codes. Aerospace Science and Technology, 2014, 32, 223-234.	2.5	45
77	High-frequency instabilities along the windward face of a hypersonic yawed circular cone. , 2014, , .		6
78	Traveling global instabilities on the HIFiRE-5 elliptic cone model flow. , 2014, , .		6
79	Three-dimensional instabilities over a rectangular open cavity: from linear stability analysis to experimentation. Journal of Fluid Mechanics, 2014, 748, 189-220.	1.4	53
80	On linear instability mechanisms in incompressible open cavity flow. Journal of Fluid Mechanics, 2014, 752, 219-236.	1.4	35
81	Three-dimensional instabilities over a rectangular open cavity: from linear stability analysis to experimentation " ERRATUM. Journal of Fluid Mechanics, 2014, 751, 747-748.	1.4	3
82	Sparse Techniques in Global Flow Instability with Application to Compressible Leading-Edge Flow. AIAA Journal, 2013, 51, 2295-2303.	1.5	25
83	Three-Dimensional Solutions of Trailing-Vortex Flows Using Parabolized Equations. AIAA Journal, 2013, 51, 2763-2770.	1.5	4
84	A unified framework for global instability mechanisms in the plane channel, diverging channel and backward-facing step flow. , 2013, , .		1
85	Laminar-turbulent transition induced by a discrete roughness element in a supersonic boundary layer. Journal of Fluid Mechanics, 2013, 735, 613-646.	1.4	139
86	Order 10 ⁴ speedup in global linear instability analysis using matrix formation. Computer Methods in Applied Mechanics and Engineering, 2013, 253, 287-304.	3.4	84
87	Acoustic Resonances in 2D Open Cavities. Acta Acustica United With Acustica, 2013, 99, 572-581.	0.8	8
88	Accurate Parabolic Navier-Stokes solutions of the supersonic flow around an elliptic cone. , 2013, , .		1
89	Spatial linear global instability analysis of the HIFiRE-5 elliptic cone model flow. , 2013, , .		8
90	On Global Linear Instability Analysis of Hypersonic Flow Around a Model Re-Entry Vehicle. , 2013, , .		0

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91	Stability analysis of the flow around a cylinder fitted with helical strakes. , 2013, , .		4
92	Structural analysis on a hemisphere-cylinder at moderate Reynolds number and high angle of attack. , 2013, , .		1
93	BiGlobal and Point Vortex Methods for the Instability Analysis of Wakes. , 2013, , .		3
94	Global Stability of Cubic and Large Aspect Ratio Three-Dimensional Lid-Driven Cavities. , 2012, , .		1
95	A Shift-Invert Strategy for Global Flow Instability Analysis Using Matrix-Free Methods. , 2012, , .		1
96	Parabolic Navier-Stokes Solutions of Trailing Vortex Flows. , 2012, , .		1
97	On Global Instability of Variable Aspect Ratio Channel Flows. , 2012, , .		2
98	On the Role of Global Flow Instability Analysis In Closed Loop Flow Control. , 2012, , .		2
99	Linear global instability of non-orthogonal incompressible swept attachment-line boundary-layer flow. Journal of Fluid Mechanics, 2012, 710, 131-153.	1.4	11
100	Four Decades of Studying Global Linear Instability: Progress and Challenges. AIAA Journal, 2012, 50, 2731-2743.	1.5	63
101	Time-resolved Particle Image Velocimetry and Structural Analysis on An Hemisphere-Cylinder at Low Reynolds Numbers and Large Angle of Incidence. , 2012, , .		2
102	Effect of Aspect Ratio on the Three-Dimensional Global Instability Analysis of Incompressible Open Cavity Flows. , 2011, , .		6
103	Linear global instability of non-orthogonal incompressible swept attachment-line boundary layer flow. , 2011, , .		2
104	Linear instability of orthogonal compressible leading-edge boundary layer flow. , 2011, , .		5
105	The PSE-3D instability analysis methodology for flows depending strongly on two and weakly on the third spatial dimension. , 2011, , .		28
106	Three-dimensional flow instability in a lid-driven isosceles triangular cavity. Journal of Fluid Mechanics, 2011, 675, 369-396.	1.4	26
107	Global Linear Instability. Annual Review of Fluid Mechanics, 2011, 43, 319-352.	10.8	523
108	Coupling time-stepping numerical methods and standard aerodynamics codes for instability analysis of flows in complex geometries. , 2011, , .		6

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109	High-Order Numerical Methods for BiGlobal Flow Instability Analysis and Control. , 2011, , .		0
110	Global linear instability at the dawn of its 4th decade: a list of challenges (A practical guide on how) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		2
111	Transient growth mechanisms of low Reynolds number flow over a low-pressure turbine blade. Theoretical and Computational Fluid Dynamics, 2011, 25, 19-30.	0.9	18
112	On the birth of stall cells on airfoils. Theoretical and Computational Fluid Dynamics, 2011, 25, 105-117.	0.9	81
113	Special issue on global flow instability and control. Theoretical and Computational Fluid Dynamics, 2011, 25, 1-6.	0.9	5
114	High-order methods for the numerical solution of the BiGlobal linear stability eigenvalue problem in complex geometries. International Journal for Numerical Methods in Fluids, 2011, 65, 923-952.	0.9	9
115	Stability analysis in spanwise-periodic double-sided lid-driven cavity flows with complex cross-sectional profiles. Computers and Fluids, 2011, 43, 143-153.	1.3	23
116	Wave-like Disturbances on the Downstream Wall of an Open Cavity. , 2011, , .		3
117	Towards the foundation of a global modes concept. , 2011, , .		3
118	Structural changes of laminar separation bubbles induced by global linear instability. Journal of Fluid Mechanics, 2010, 655, 280-305.	1.4	82
119	On receptivity and modal linear instability of laminar separation bubbles at all speeds. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2010, , 343-348.	0.1	0
120	Massively Parallel Solution of the BiGlobal Eigenvalue Problem Using Dense Linear Algebra. AIAA Journal, 2009, 47, 2449-2459.	1.5	39
121	Transient growth analysis of the flow past a circular cylinder. Physics of Fluids, 2009, 21, 044103.	1.6	38
122	Linear instability analysis of low-pressure turbine flows. Journal of Fluid Mechanics, 2009, 628, 57-83.	1.4	36
123	BiGlobal stability analysis in curvilinear coordinates of massively separated lifting bodies. Journal of Computational Physics, 2009, 228, 7181-7196.	1.9	38
124	On Multidimensional Global Eigenvalue Problems for Hydrodynamic and Aeroacoustic instabilities. , 2009, , .		0
125	On Instability and Structural Sensitivity of Incompressible Laminar Separation Bubbles on a Flat-Plate Boundary Layer. , 2008, , .		5
126	On Instability Analysis of Realistic Intake Flows. , 2008, , .		0

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127	BiGlobal Instability Analysis of Turbulent Flow Over an Airfoil at an Angle of Attack. , 2008, , .		4
128	Compressibility Effects in Howarth's Separation Bubble on a Flat Plate. , 2008, , .		1
129	Massively Parallel Numerical Solution of the BiGlobal Linear Instability Eigenvalue Problem. , 2008, , .		4
130	Eigenmodes of a Counter-Rotating Vortex Dipole. AIAA Journal, 2008, 46, 2796-2805.	1.5	13
131	Biglobal linear stability analysis for the flow in eccentric annular channels and a related geometry. Physics of Fluids, 2008, 20, .	1.6	34
132	Optimal Growth of Linear Perturbations in Low Pressure Turbine Flows. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2008, , 339-343.	0.1	4
133	Minisymposium "Global Flow Instability", Mathematics in Industry, 2008, , 188-190.	0.1	0
134	Numerical Considerations in Spectral Multidomain Methods for BiGlobal Instability Analysis of Open Cavity Configurations. Mathematics in Industry, 2008, , 201-206.	0.1	0
135	Finite Element Methods for Viscous Incompressible BiGlobal Instability Analysis on Unstructured Meshes. AIAA Journal, 2007, 45, 840-854.	1.5	32
136	High-Order Finite Element Methods for Global Viscous Linear Instability Analysis of Internal Flows. , 2007, , .		3
137	Finite-Element Numerical Methods for BiGlobal Linear Instability Analysis of Vortical Flows. , 2007, , .		1
138	On Instability Properties of Incompressible Laminar Separation Bubbles on a Flat Plate Prior to Shedding. , 2007, , .		2
139	SPECTRAL ELEMENT STABILITY ANALYSIS OF VORTICAL FLOWS. , 2006, , 153-158.		14
140	Spectral Multi-Domain Methods for BiGlobal Instability Analysis of Complex Flows over Open Cavity Configurations. , 2006, , .		8
141	Linear Stability of the flow past a low pressure turbine blade. , 2006, , .		9
142	ON FUNDAMENTAL INSTABILITY MECHANISMS OF NOMINALLY 2-D SEPARATION BUBBLES. , 2006, , 89-95.		1
143	BiGlobal stability analysis of steady flow in constricted channel geometries. International Journal for Numerical Methods in Fluids, 2005, 47, 1229-1235.	0.9	9
144	Issues in active flow control: theory, control, simulation, and experiment. Progress in Aerospace Sciences, 2004, 40, 237-289.	6.3	259

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145	On instability characteristics of isolated vortices and models of trailing-vortex systems. <i>Computers and Fluids</i> , 2004, 33, 741-753.	1.3	24
146	Viscous linear stability analysis of rectangular duct and cavity flows. <i>Journal of Fluid Mechanics</i> , 2004, 505, 249-286.	1.4	127
147	On Unstable 2D Basic States in Low Pressure Turbine Flows at Moderate Reynolds Numbers. , 2004, , .		13
148	Three-Dimensional Instabilities of Compressible Flow over Open Cavities: Direct Solution of the BiGlobal Eigenvalue Problem. , 2004, , .		20
149	Instability and unsteadiness of aircraft wake vortices. <i>Aerospace Science and Technology</i> , 2003, 7, 577-593.	2.5	67
150	Complex-grid spectral algorithms for inviscid linear instability of boundary-layer flows. <i>Computers and Fluids</i> , 2003, 32, 691-726.	1.3	2
151	Advances in global linear instability analysis of nonparallel and three-dimensional flows. <i>Progress in Aerospace Sciences</i> , 2003, 39, 249-315.	6.3	411
152	The extended Görtler-Hämmerlin model for linear instability of three-dimensional incompressible swept attachment-line boundary layer flow. <i>Journal of Fluid Mechanics</i> , 2003, 487, 271-313.	1.4	85
153	An Algorithm for the Recovery of 2- and 3D BiGlobal Instabilities of Compressible Flow Over 2D Open Cavities. , 2003, , .		23
154	On Numerical Prediction of the Stability of Hypersonic Boundary-Layer Flow Over a Row of Microcavities. , 2003, , 1793.		0
155	Flow and Flow Instability Inside a Microcavity. , 2002, , .		0
156	Flow Control Experiments, Simulation and Modeling Approaches (Invited). , 2002, , .		1
157	Global Instabilities and Control of Nonparallel Flows (Invited). , 2002, , .		3
158	Receptivity Processes and Transition Scenarios for Swept-Wing Flows with HLF Technology. , 2001, , 172-179.		1
159	On the spatial structure of global linear instabilities and their experimental identification. <i>Aerospace Science and Technology</i> , 2000, 4, 249-262.	2.5	7
160	Globally unstable basic flows in open cavities. , 2000, , .		37
161	On the origins of unsteadiness and three-dimensionality in a laminar separation bubble. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000, 358, 3229-3246.	1.6	153
162	Global linear instabilities in laminar separated boundary layer flow. , 2000, , 663-668.		10

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163	Title is missing!. Journal of Engineering Mathematics, 1998, 34, 111-129.	0.6	4
164	On linear and nonlinear instability of the incompressible swept attachment-line boundary layer. Journal of Fluid Mechanics, 1998, 355, 193-227.	1.4	32
165	On the resolution of critical flow regions in inviscid linear and nonlinear instability calculations. , 1998, , 111-129.		1
166	On subcritical breakdown to turbulence in swept wing attachment line boundary layer flows. Notes on Numerical Fluid Mechanics, 1997, , 351-358.	0.1	1
167	Spatial stability of incompressible attachment-line flow. Theoretical and Computational Fluid Dynamics, 1995, 7, 159-171.	0.9	41
168	Numerical and Experimental Investigation of Secondary Instability in Leading Edge Boundary Layer Flow. , 1995, , 429-435.		0
169	Numerical aspects of flow stability in the Veldman boundary layers. , 1995, , 358-362.		1
170	The discrete temporal eigenvalue spectrum of the generalised Hiemenz flow as solution of the Orr-Sommerfeld equation. Journal of Engineering Mathematics, 1994, 28, 241-259.	0.6	8
171	Numerical experiments on the stability of leading edge boundary layer flow: A two-dimensional linear study. International Journal for Numerical Methods in Fluids, 1993, 16, 153-170.	0.9	15
172	A finite volume approach to compressible Large Eddy Simulations. Flow, Turbulence and Combustion, 1993, 51, 325-329.	0.2	0
173	LES Modeling Errors in Free and Wall Bounded Compressible Shear Layers. , 1993, , 325-334.		3
174	A Finite Volume Approach to Compressible Large Eddy Simulations. Fluid Mechanics and Its Applications, 1993, , 325-329.	0.1	0
175	On the stability of the infinite swept attachment line boundary layer. , 1990, , 199-201.		24
176	An Investigation of the Non-Linear Instability of Flow near a Swept Attachment-Line. , 1990, , 389-394.		1
177	Boundary-layer growth on a rotating and accelerating sphere. Canadian Journal of Physics, 1987, 65, 23-27.	0.4	2