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Advances in CFD prediction of shock wave turbulent boundary layer interactions

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215	Two-dimensional numerical investigations of small-amplitude disturbances in a boundary layer at Ma=4.8: Compression corner versus impinging shock wave. <i>Physics of Fluids</i> , 2004 , 16, 2272-2281	4.4	25
214	High order one-step monotonicity-preserving schemes for unsteady compressible flow calculations. 2004 , 193, 563-594		153
213	Survey of Magneto-Gasdynamic Local Flow Control at High Speeds. 2004 ,		6
212	Optical Skin Friction Measurements in Short-duration Facilities (Invited). 2004 ,		11
211	Semi-implicit Preconditioning for Wall-bounded Flow. 2004 ,		6
210	Experiments on the hypersonic turbulent shock-wave/boundary-layer interaction and the effects of surface roughness. 2005 , 109, 177-184		5
209	LES of Shock Wave/Turbulent Boundary Layer Interaction. 2005 , 177-188		2
208	High Performance Computing in Science and Engineering 04. 2005 ,		
207	Direct numerical simulations of shock-boundary layer interaction at Ma = 6. 2005 , 123-140		1
206	Supersonic Flow Separation with Application to Rocket Engine Nozzles. 2005 , 58, 143-177		56
205	Large-Eddy Simulation of Transitional Boundary Layer with Impinging Shock Wave. 2005 , 43, 2354-2363		44
204	Aerodynamics and Thermodynamics. 2005 , 57-268		
203	Some Advances in Research of Shock Wave Turbulent Boundary Layer Interactions. 2006 ,		36
202	Quiet Tunnel Experiments of Shockwave / Turbulent Boundary Layer Interaction. 2006 ,		3
201	Parametric Investigation of Controlling Factors for Deceleration and Evacuation Qualities by Supersonic Diffuser. 2006 ,		
200	Assessment of Numerical Methods for DNS of Shockwave/Turbulent Boundary Layer Interaction. 2006 ,		7

199	Unsteadiness in shock wave boundary layer interactions with separation. 2006 , 10, 85-91		258
198	Incipient separation in shock wave/boundary layer interactions as induced by sharp fin. 2006 , 15, 425-436		0
197	Skin Friction and Heat Flux Measurements in Shock/Boundary Layer Interaction Flows. 2006 , 44, 1732-1741		116
196	Turbulent Shear Layers in Supersonic Flow. 2006 ,		5
195	Direct Numerical Simulation of Supersonic Turbulent Boundary Layer over a Compression Ramp. 2007 , 45, 879-889		237
194	The effect of Mach number on unstable disturbances in shock/boundary-layer interactions. <i>Physics of Fluids</i> , 2007 , 19, 054104	4.4	32
193	Assessment of Turbulent Shock-Boundary Layer Interaction Computations Using the OVERFLOW Code. 2007 ,		14
192	Turbulence Structure Modification from Shock-Wave Micro Oscillations. 2007 ,		1
191	Reynolds-stress modelling of M = 2.25 shock-wave/turbulent boundary-layer interaction. 2008 , 56, 525-555		11
190	Numerical simulations of shock/boundary layer interactions using time-dependent modeling techniques: A survey of recent results. <i>Progress in Aerospace Sciences</i> , 2008 , 44, 447-465	8.8	35
189	Fluid dynamics in starting and terminating transients of zero-secondary flow ejector. 2008 , 29, 327-339		27
188	Development of three-dimensional turbulent separation in the neighborhood of incident crossing shock waves. 2008 , 15, 29-54		6
187	Numerical Simulation of Shock / Boundary Layer Interactions Using Time-Dependent Modeling Techniques- A Survey of Recent Results. 2008 ,		8
186	Compressibility, Turbulence and High Speed Flow - Pages 247-273. 2009 , 247-273		
185	Modeling the effect of upstream temperature fluctuations on shock/homogeneous turbulence interaction. <i>Physics of Fluids</i> , 2009 , 21, 025101	4.4	14
184	Analysis of supersonic flow around two bodies of revolution near a surface. 2009 , 16, 13-35		
183	Stimulated Detached Eddy Simulation of three-dimensional shock/boundary layer interaction. 2009 , 19, 479-486		51
182	Shock wave boundary layer interaction. 2009 , 19, 449-452		33

181	Laminar-turbulent flow over wedges mounted on sharp and blunt plates. 2009 , 44, 382-396	8
180	Investigation of large scale shock movement in transonic flow. 2010 , 31, 528-535	5
179	Direct numerical simulation of transonic shock/boundary layer interaction under conditions of incipient separation. 2010 , 657, 361-393	101
178	Direct Numerical Simulation of the Transition Process in a Separated Supersonic Ramp Flow. 2010 ,	2
177	Implicit LES for Shock/Blunt Body Interaction. 2010 ,	1
176	Simulation of supersonic turbulent flow in the vicinity of an inclined backward-facing step. 2011 , 25, 407-423	7
175	Status of Turbulence Modeling for Hypersonic Propulsion Flowpaths. 2011 ,	9
174	Computational Modeling for Conjugate Heat Transfer of Shock-Surface Interactions on Compliant Skin Panels. 2011 ,	4
173	Shock Wave Impingement on Boundary Layers at Hypersonic Speeds: Computational Analysis and Uncertainty. 2011 ,	9
172	Stress Limiter Consideration for k-omega Turbulence Models in Shock-Wave/Turbulent Boundary-Layer Interactions in Supersonic and Hypersonic Flows. 2011 ,	1
171	DNS of Unsteady Shock Boundary Layer Interaction. 2011 ,	5
170	Numerical Analysis of Wall Properties in Crossing-Shock-Wave/Turbulent-Boundary-Layer Interactions. 2011 ,	2
169	On the importance of generating accurate turbulent boundary condition for unsteady simulations. 2011 , 12, N35	10
168	Shock-Wave/Boundary-Layer Interaction in a Transonic Turbine Cascade. 2011 , 225, 77-85	8
167	Ideal-Gas Shock Wave???Turbulent Boundary-Layer Interactions (STBLIs) in Supersonic Flows and Their Modeling: Two-Dimensional Interactions. 137-201	5
166	Ideal-Gas Shock Wave???Turbulent Boundary-Layer Interactions in Supersonic Flows and Their Modeling: Three-Dimensional Interactions. 202-258	14
165	Two-dimensional interaction between an incident shock and a turbulent boundary layer in the presence of an entropy layer. 2011 , 46, 917-934	4
164	Development of A Two-Equation Turbulence Model for Hypersonic Shock Wave and Turbulent Boundary Layer Interaction. 2011 , 66-68, 1868-1873	

163	Cowl and Cavity Effects on Mixing and Combustion in Scramjet Engines. 2011 , 27, 1169-1177	19
162	Experimental investigation of the micro-ramp based shock wave and turbulent boundary layer interaction control. <i>Physics of Fluids</i> , 2012 , 24, 055110	4-4 44
161	Modeling and Analysis of Shock Impingements on Thermo-Mechanically Compliant Surface Panels. 2012 ,	21
160	Addressing Corner Interactions Generated by Oblique Shock-Waves In Unswept Right-Angle Corners and Implications for High-Speed Inlets. 2012 ,	8
159	Aerodynamic Principles of Flight Vehicles. 2012 ,	3
158	Flow Topology and Secondary Separation Modelling at Crossing Shock Wave/Turbulent Boundary Layer Interaction Conditions. 2012 , 4, 13-28	1
157	Flow Topology of Symmetric Crossing Shock Wave Boundary Layer Interactions. 2012 , 425-431	1
156	Simulation of Hypersonic Shock/Turbulent Boundary-Layer Interactions Using Shock-Unsteadiness Model. 2012 , 28, 46-60	22
155	A zonal RANS/LES method for compressible flows. 2012 , 67, 1-15	17
154	Numerical Simulations of Successive Distortions in Supersonic Turbulent Flow. 2012 , 50, 2365-2375	6
153	Synthetic Turbulence Generation for a Zonal RANS-LES Method. 2012 , 181-192	
152	Suitability of the $k-\epsilon$ turbulence model for scramjet flowfield simulations. 2012 , 70, 493-514	33
151	Conservative Formulation of the $k-\epsilon$ Turbulence Model for Shock-Turbulence Interaction. 2013 , 51, 1872-1882	17
150	Large-eddy simulation of a supersonic turbulent boundary layer over a compression-expansion ramp. 2013 , 42, 79-93	36
149	Experiments on transitional shock wave-boundary layer interactions at Mach 5. 2013 , 54, 1	17
148	Interaction of intersecting shocks with a flat-plate boundary layer in the presence of an entropy layer. 2013 , 48, 636-647	2
147	Current zero behaviour of an SF6 nozzle arc under shock conditions. 2013 , 46, 165203	6
146	Hypersonic Shock Wave Impingement on Turbulent Boundary Layers: Computational Analysis and Uncertainty. 2013 , 50, 96-123	19

145	A reformulated synthetic turbulence generation method for a zonal RANS/LES method and its application to zero-pressure gradient boundary layers. 2013 , 44, 28-40		51
144	Two-Dimensional Shock-Wave/Boundary-Layer Interaction in the Presence of Entropy Layer. 2013 , 51, 80-93		13
143	Unsteady Shock Motion in a Transonic Flow over a Wall-Mounted Hemisphere. 2013 ,		1
142	Shock and Turbulence Interactions. 2013 , 231-269		
141	Comparison and Improvement of Wall Heat Transfer Prediction in Crossing-Shock-Wave/Turbulent-Boundary-Layer Interaction Conditions. 2013 ,		
140	Computational Analysis of Shock Wave Turbulent Boundary Layer Interaction. 2014 ,		1
139	Effect of Microramps on Separated Swept Shock Wave Boundary-Layer Interactions. 2014 , 52, 591-603		11
138	Boundary layers affected by different pressure gradients investigated computationally by a zonal RANS-LES method. 2014 , 45, 1-13		25
137	Low-Frequency Unsteadiness of Shock Wave/Turbulent Boundary Layer Interactions. 2014 , 46, 469-492		336
136	Comparative study of turbulence models in application to gas ejectors. 2014 , 78, 9-15		37
135	Global Skin-Friction Diagnostics Based on Surface Mass-Transfer Visualizations. 2014 , 52, 2369-2383		10
134	Status of turbulence modeling for hypersonic propulsion flowpaths. 2014 , 28, 295-318		18
133	Transonic and supersonic ground effect aerodynamics. <i>Progress in Aerospace Sciences</i> , 2014 , 69, 1-28	8.8	16
132	Prediction of Wing Flutter Boundary Using High Fidelity Delayed Detached Eddy Simulation. 2015 ,		1
131	Direct numerical simulation of supersonic turbulent flows around a tandem expansion-compression corner. <i>Physics of Fluids</i> , 2015 , 27, 125104	4.4	26
130	An adaptive GSM-CFD solver and its application to shock-wave boundary layer interaction. 2015 , 25, 1282-1310		14
129	Turbulence Modeling of Flows with Extensive Crossflow Separation. 2015 , 2, 461-481		6
128	Micro-vortex generators for shock wave/boundary layer interactions. <i>Progress in Aerospace Sciences</i> , 2015 , 74, 16-47	8.8	57

127	Experimental Investigation into Shock Induced Corner Boundary Layer Separation. 2015,		1
126	Skin-friction topology of wingBody junction flows. 2015, 53, 55-67		12
125	Numerical study of oblique shock-wave/boundary-layer interaction considering sidewall effects. 2015, 767, 526-561		64
124	Kinetic description of the turbulence in the supersonic compressible flow over a backward/forward-facing step. 2015, 111, 150-158		5
123	Turbulence Model Modification for Fake Amplification of Turbulence Kinetic Energy by Shock-Turbulence Interation. 2015,		1
122	Simulation of Transonic Airfoil Flow Using a Zonal RANS-LES Method. 2015, 53-65		
121	Unsteady compressible flow computations using an adaptive multiresolution technique coupled with a high-order one-step shock-capturing scheme. 2015, 120, 111-125		8
120	Application of a direct method for solving the Boltzmann equation in supersonic flow computation. 2016, 56, 1938-1947		
119	Shock waveBoundary layer interaction in supersonic flow over a forward-facing step. 2016, 807, 258-302		10
118	Experimental investigation of primary and corner shock boundary layer interactions at mild back pressure ratios. <i>Physics of Fluids</i> , 2016, 28, 086102	4.4	25
117	Entropy-Layer Influence on Single-Fin and Double-Fin/Boundary-Layer Interactions. 2016, 54, 443-457		5
116	LARGE-EDDY SIMULATION OF SHOCK-WAVE/TURBULENT BOUNDARY LAYER INTERACTION AND ITS CONTROL USING SPARKJET. 2016, 42, 1660186		
115	Performance of turbulence models for transonic flows in a diffuser. 2016, 30, 1650326		3
114	Asymmetric Combustion Characteristics of Transverse Ethylene Injection in a Rectangular Supersonic Combustor with Single-side Expansion. 2016,		1
113	Unsteady Shock Motion in a Transonic Flow over a Wall-Mounted Hemisphere. 2016, 54, 3509-3515		13
112	Experimental Investigation of Corner Shock Boundary Layer Interactions. 2016,		2
111	Delayed Detached Eddy Simulation of Supersonic Panel Aeroelasticity Using Fully Coupled Fluid Structure Interaction with High Order Schemes. 2016,		0
110	Large-eddy simulation of shock-wave/turbulent boundary layer interaction with and without SparkJet control. 2016, 29, 617-629		16

109	Large-Eddy Simulation of Shock-Induced Flow Separation Control Using SparkJet Concept. 2016,		0
108	Krypton Tagging Velocimetry (KTV) Investigation of Shock-Wave/Turbulent Boundary-Layer Interaction. 2017,		6
107	Interplay of Surface Deformation and Shock-Induced Separation in Shock/Boundary Layer Interactions. 2017,		4
106	Numerical Simulations of a Cylinder-Induced Shock Wave/Boundary Layer Interaction. 2017,		5
105	Asymmetric Combustion Characteristics of Transverse Ethylene Injection in a Rectangular Supersonic Combustor with Single-side Expansion. 2017,		1
104	Assessment of predictive capabilities for aerodynamic heating in hypersonic flow. <i>Progress in Aerospace Sciences</i> , 2017 , 90, 39-53	8.8	41
103	Limiting Cases for Cylinder-Induced Shock Wave/Boundary Layer Interactions. 2017,		2
102	Constrained large-eddy simulation of supersonic turbulent boundary layer over a compression ramp. 2017 , 18, 781-808		3
101	Interplay of Surface Deformation and Shock-Induced Separation in Shock/Boundary-Layer Interactions. 2017 , 55, 4258-4273		16
100	A Morphing Continuum Approach to Supersonic Flow Over a Compression Ramp. 2017,		1
99	Three-dimensional turbulent near-wall flows in streamwise corners: Current state and questions. <i>Progress in Aerospace Sciences</i> , 2017 , 94, 46-81	8.8	6
98	Recovery of a supersonic turbulent boundary layer after an expansion corner. <i>Physics of Fluids</i> , 2017 , 29, 076103	4.4	18
97	Near-wall behaviors of oblique-shock-wave/turbulent-boundary-layer interactions. 2017 , 38, 1357-1376		0
96	Investigation of Three-Dimensional Shock Wave/Turbulent-Boundary-Layer Interaction Initiated by a Single Fin. 2017 , 55, 509-523		31
95	A RANS model correction on unphysical over-prediction of turbulent quantities across shock wave. 2017 , 106, 1107-1119		11
94	Experimental findings for velocity profiles and boundary layer thickness of Blasius flow. 2017,		
93	Experimental study of the mean structure and quasi-conical scaling of a swept-compression-ramp interaction at Mach 2. 2018 , 841, 1-27		32
92	The Role of Boundary-Layer Thickness on Cylinder-Generated Shock-Wave/Turbulent Boundary-Layer Interactions, Part I: Computations. 2018,		0

91	Tetrahedral-Mesh Simulations of Shock-Turbulence Interaction. 2018,	
90	A novel TE-material based thermal protection structure and its performance evaluation for hypersonic flight vehicles. 2018, 77, 458-470	19
89	Numerical investigation and improvement strategy of flow characteristics inside supersonic separator. 2018, 53, 940-952	14
88	Numerical study of unsteady effects in the interaction of an incident shock with the transitional boundary layer on a flat plate. 2018,	
87	Stabilized conservative level set method. 2018, 375, 1033-1044	7
86	Amplification and Structure of Streamwise-Velocity Fluctuations in Four Shock-Wave/Turbulent Boundary-Layer Interactions. 2018,	
85	Effects of curvature in high-speed inlets. 2018,	
84	Large-Eddy Simulation of Axisymmetric Compression Corner Flow. 2018,	2
83	Fin-Generated Shock Wave/Turbulent Boundary Layer Interactions on a Cylindrical Surface with a Distorted Incoming Boundary Layer. 2018,	0
82	Transonic flow hysteresis in a twin intake model. 2018, 122, 1557-1567	1
81	Three-Dimensional Modeling Shock-Wave Interaction with a Fin at Mach 5. 2018, 43, 4879-4888	4
80	Numerical prediction of shock/boundary-layer interactions at high Mach numbers using a modified SpalartAllmaras model. 2018, 12, 459-472	10
79	Efficient Fluid-Thermal-Structural Time Marching with Computational Fluid Dynamics. 2018, 56, 3610-3621	11
78	Skin-Friction and Surface-Pressure Structures in Near-Wall Flows. 2018, 56, 3887-3896	12
77	Global skin friction measurements and interpretation. <i>Progress in Aerospace Sciences</i> , 2019, 111, 100584	8.8 10
76	Numerical study of the interaction of the supersonic flat-plate boundary layer with an oblique incident shock. 2019,	
75	Simulation of Hypersonic-Shock-Wave-Laminar-Boundary-Layer Interaction over Blunt Fin. 2019, 57, 3506-3523	8
74	Amplification and structure of streamwise-velocity fluctuations in compression-corner shock-wave/turbulent boundary-layer interactions. 2019, 863, 1091-1122	17

73	Turbulence Model Assessment in Compressible Flows around Complex Geometries with Unstructured Grids. 2019 , 4, 81	7
72	The design of thermal management system for hypersonic launch vehicles based on active cooling networks. 2019 , 159, 113938	11
71	Unsteadiness of Cowl Shock/Convex Corner Interaction in an Inlet. 2019 , 1049-1055	
70	On the mean structure of sharp-fin-induced shock wave/turbulent boundary layer interactions over a cylindrical surface. 2019 , 865, 212-246	12
69	CFD Study of Gas Holdup and Frictional Pressure Drop of Vertical Riser Inside IC Reactor. 2019 , 7, 936	0
68	Structure, Scale, and Dynamics of a Double-Fin Shock/Turbulent-Boundary-Layer Interaction at Mach 4. 2019 ,	2
67	Flow Similarity in Strong Swept-Shock/Turbulent-Boundary-Layer Interactions. 2019 , 57, 1579-1593	15
66	Interaction mechanisms of shock waves with the boundary layer and wakes in a highly-loaded NGV using hybrid RANS/LES. 2020 , 33, 149-160	8
65	Numerical simulation of separation flows induced by shockwave using an anisotropic turbulence model. 2020 , 1507, 082048	
64	Numerical Simulation of Supersonic Separated Flow over Inclined Backward-Facing Step Using RANS and LES Methods. 2020 , 12, 453-463	4
63	Numerical Investigation of the Transient Nature of a Laminar Separation Bubble in Hypersonic Flow. 2020 , 55, 511-524	1
62	Dynamic Aerothermal Analysis of a Cone-Cylinder Flight Body. 2020 , 2020, 1-10	
61	Compressive properties of Min-mod-type limiters in modelling shockwave-containing flows. 2020 , 42, 1	1
60	Dynamics of strong swept-shock/turbulent-boundary-layer interactions. 2020 , 896,	8
59	Numerical simulation of compression corner flows at Mach number 9. 2020 , 33, 1611-1624	8
58	Investigation of Surface Curvature Effects on Unseparated Fin Shock-Wave/Boundary-Layer Interactions. 2020 , 58, 770-778	2
57	Scaling of cylinder-generated shock-wave/turbulent boundary-layer interactions. 2020 , 30, 395-407	5
56	Effects of favorable pressure gradient on turbulence structures and statistics of a flat-plate supersonic turbulent boundary layer. <i>Physics of Fluids</i> , 2020 , 32, 025107	4.4 7

55	Unsteady Supersonic Combustion. 2020,	5
54	CFD design capabilities for next generation high-speed aircraft. 2021, 178, 143-158	3
53	Wall temperature effects on shock wave/turbulent boundary layer interaction via direct numerical simulation. 2021, 178, 499-510	12
52	Stereoscopic PIV of Impinging Planar Shock/Turbulent Boundary Layer Interactions on an Axisymmetric Body. 2021,	
51	Parametric Study of Separation and Reattachment in Transonic Airfoil Flows. 1-10	3
50	Thermochemical non-equilibrium effects on aerothermodynamic prediction of laminar double-cone flow. 2021, 182, 179-188	7
49	Impacts of periodic disturbances on shock wave/turbulent boundary layer interaction. 2021, 182, 230-239	5
48	One-equation turbulence models applied to practical scramjet inlet. 2021,	
47	Effects of Reynolds Number on Swept Shock-Wave/Boundary-Layer Interactions. 1-17	4
46	Numerical simulations of supersonic stator cascades: Assessment of LES and RANS calculations. 2021,	0
45	Skin Friction Extracted from Surface Pressure in Incident Shock-Wave/Boundary-Layer Interaction. 1-13	0
44	Pressure and Strain Measurement on a Thin Clamped Plate in Supersonic Flow using a Dual-Layer Luminescent Coating. 2021,	
43	A Mode Based Reduced Order Model for Supersonic Store Separation. 2021,	1
42	Influence of separation structure on the dynamics of shock/turbulent-boundary-layer interactions. 1	4
41	Influence of interaction strength on separation control with air-jet vortex generators. 2021,	
40	Numerical study of the effects of upstream disturbances on shock wave/boundary layer interaction on a flat plate. 2021,	
39	LES of Shock Wave/Turbulent Boundary Layer Interaction. 2006, 222-234	1
38	Numerical study of shock interactions in viscous, hypersonic flows over double-wedge geometries. 2009, 671-676	2

37	Compressible Turbulence in Interactions of Supersonic Flows. 2009 , 35-54	2
36	Introduction. 2020 , 1-55	1
35	Heat transfer and wall temperature effects in shock wave turbulent boundary layer interactions. 2016 , 1,	27
34	EFFECTS OF TURBULENCE MODEL AND EDDY VISCOSITY IN SHOCK-WAVE / BOUNDARY LAYER INTERACTION. 2013 , 18, 56-65	3
33	Wall temperature effects on shock unsteadiness in a reattaching compressible turbulent shear layer. 2021 , 92, 108876	2
32	Stabilization, Trim, and Control Devices. 2009 , 279-355	1
31	High-Supersonic/Hypersonic Flows. 2012 , 221-278	
30	Compressibility, Turbulence and High Speed Flow - Pages 293-315. 2013 , 293-315	
29	IRANS LES. 2019 , 31, 3-20	0
28	Study of Shock Wave Boundary Layer Interaction in Hypersonic Flows Using Various Turbulence Models. 2021 , 205-211	
27	Flow Dominating Instability in Supersonic Flows. 2020 , 113-176	
26	Numerical simulation of the interaction of the disturbed boundary layer with an incident shock. 2021 , 2057, 012005	
25	Unsteady flow organisation of shock-wave/boundary-layer interactions controlled with air-jet vortex generators. 2022 ,	
24	PIV Investigation of the Effects of Shock Generator Wedge Angle and Trailing-Edge Expansion Waves on Impinging Shock/Turbulent Boundary Layer Interactions over a Cylinder. 2022 ,	
23	Numerical Investigation of Separated Flowfield in a Crossing Shockwave/Laminar Boundary-Layer Interaction. 2022 ,	
22	One-equation turbulence models applied to practical scramjet inlet. 2022 , 39, 241-249	1
21	On the investigation of oblique shock-wave/turbulent boundary-layer interactions with a high-order discontinuous Galerkin method.	2
20	Experimental investigation of expansion effect on shock wave boundary layer interaction near a compression ramp. 2022 ,	1

19	Low-frequency resolvent analysis of the laminar oblique shock wave/boundary layer interaction. 2022 , 942,		3
18	Compressibility effect on interaction of shock wave and turbulent boundary layer. <i>Physics of Fluids</i> ,	4.4	1
17	Computation of viscous flow characteristics of a supersonic intake using eddy-viscosity turbulence models. 095441002211115		
16	On the scaling of three dimensional shock induced separated flow due to protuberances. <i>Physics of Fluids</i> ,	4.4	0
15	Aerodynamic thermal analysis of a spinning winged projectile. <i>Case Studies in Thermal Engineering</i> , 2022 , 37, 102253	5.6	0
14	Swept shock wave/boundary layer interaction control based on surface arc plasma. <i>Physics of Fluids</i> ,	4.4	1
13	RANS-based numerical simulation of shock wave/turbulent boundary layer interaction induced by a blunted fin normal to a flat plate. 2022 , 105622		
12	Shock wave boundary layer interactions in sonic gas jet injection into supersonic crossflow. 2022 , 63,		0
11	Three-dimensional characteristics of crossing shock wave/turbulent boundary layer interaction in a double fin with and without micro-ramp control. 2022 , 12, 095309		0
10	Investigation of pressure feedback technique to control ramp based SWBLI. 2022 ,		0
9	Flow features of swept shock/turbulent boundary-layer interaction due to a gap beneath a sharp fin. 2022 , 130, 107934		0
8	Relationship between secondary separation and surface pressure structure in swept shock-wave/boundary-layer interaction.		0
7	Evolution characteristics of streamwise vortex of crossing shock wave/turbulent boundary layer interaction.		0
6	Effect of Swept Shockwave Boundary-Layer Interaction Strength on Surface Skin Friction. 1-15		0
5	Direct numerical simulation of the effects of Reynolds number in Mach 2.9 flows over an expansion/compression corner. 2022 , 34, 125129		1
4	Relaminarization Effects on a Three-Dimensional Cone-Slice-Ramp Geometry at Mach 8. 2023 ,		0
3	Sensitivity of Shock-Wave Boundary-Layer Interactions to Inflow Turbulence Characteristics using the Synthetic Eddy Method. 2023 ,		0
2	LES Simulation of Hypersonic Flow over Hollow Cylinder Flare. 2023 ,		0

1 Extension of Analytical Wall Functions to Supersonic and Hypersonic Flows.

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