

Alexander D Kosinov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6523659/publications.pdf>

Version: 2024-02-01

132
papers

920
citations

687363

13
h-index

610901

24
g-index

132
all docs

132
docs citations

132
times ranked

124
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Experiments on the stability of supersonic laminar boundary layers. Journal of Fluid Mechanics, 1990, 219, 621. | 3.4 | 153 |
| 2 | Experiments on the Nonlinear Instability of Supersonic Boundary Layers. , 1994, , 196-205. | | 55 |
| 3 | Experimental Investigation of Laminar-Turbulent Transition Process in Supersonic Boundary Layer Using Controlled Disturbances. Fluid Mechanics and Its Applications, 1996, , 17-26. | 0.2 | 36 |
| 4 | Impact of incident Mach wave on supersonic boundary layer. Thermophysics and Aeromechanics, 2016, 23, 43-48. | 0.5 | 34 |
| 5 | Evolution of wave packets in supersonic flat-plate boundary layer. Thermophysics and Aeromechanics, 2015, 22, 17-27. | 0.5 | 33 |
| 6 | An experimental study of generation of unstable disturbances on the leading edge of a plate AT M=2. Journal of Applied Mechanics and Technical Physics, 1997, 38, 45-51. | 0.5 | 30 |
| 7 | Linear development of controlled disturbances in the supersonic boundary layer on a swept wing at Mach 2. Physics of Fluids, 2016, 28, 064101. | 4.0 | 24 |
| 8 | Combined influence of coating permeability and roughness on supersonic boundary layer stability and transition. Journal of Fluid Mechanics, 2016, 798, 751-773. | 3.4 | 23 |
| 9 | Investigation of laminar-turbulent transition of supersonic boundary layer by scanning constant temperature hot-wire anemometer. AIP Conference Proceedings, 2018, , . | 0.4 | 22 |
| 10 | Method laminar-turbulent transition control of supersonic boundary layer on a swept wing. Thermophysics and Aeromechanics, 2007, 14, 337-341. | 0.5 | 21 |
| 11 | Resonance Interaction of Wave Trains in Supersonic Boundary Layer. Fluid Mechanics and Its Applications, 1996, , 379-388. | 0.2 | 17 |
| 12 | Constant temperature hot-wire measurements in a short duration supersonic wind tunnel. Aeronautical Journal, 2001, 105, 435-450. | 1.6 | 16 |
| 13 | Experimental study of mean and pulsation flow characteristics in the 2D/3D supersonic boundary layer behind flat roughness elements. Thermophysics and Aeromechanics, 2014, 21, 3-13. | 0.5 | 16 |
| 14 | Experimental Investigation of the Weak Shock Wave Influence on the Boundary Layer of a Flat Blunt Plate at the Mach Number 2.5. Fluid Dynamics, 2019, 54, 257-263. | 0.9 | 14 |
| 15 | Influence of distributed heavy-gas injection on stability and transition of supersonic boundary-layer flow. Physics of Fluids, 2019, 31, . | 4.0 | 14 |
| 16 | Hot-wire visualization of the evolution of localized wave packets in a supersonic flat-plate boundary layer. Journal of Visualization, 2017, 20, 549-557. | 1.8 | 12 |
| 17 | Experimental study of nonlinear processes in a swept-wing boundary layer at the mach number M=2. Journal of Applied Mechanics and Technical Physics, 2014, 55, 764-772. | 0.5 | 11 |
| 18 | Experimental study of the effects of couple weak waves on laminar-turbulent transition on attachment-line of a swept cylinder. AIP Conference Proceedings, 2016, , . | 0.4 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Experimental study of effect of a couple of weak shock waves on boundary layer of the blunt flat plate. AIP Conference Proceedings, 2018, , . | 0.4 | 11 |
| 20 | Effect of unit Reynolds number on the laminar-turbulent transition on a swept wing in supersonic flow. Thermophysics and Aeromechanics, 2018, 25, 659-665. | 0.5 | 11 |
| 21 | The impact of weak shock waves on the flow in the boundary layer of a flat plate with a variable sweep angle of the leading edge. Thermophysics and Aeromechanics, 2019, 26, 803-809. | 0.5 | 11 |
| 22 | Evolution of localized artificial disturbance in 2D and 3D supersonic boundary layers. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2020, 234, 115-123. | 1.3 | 11 |
| 23 | On mechanisms of the action of weak shock waves on laminar-turbulent transition in supersonic boundary layer. AIP Conference Proceedings, 2017, , . | 0.4 | 10 |
| 24 | Development of Artificially Excited Disturbances in Supersonic Boundary Layer. , 1985, , 601-606. | | 10 |
| 25 | Instability of a three-dimensional supersonic boundary layer. Journal of Applied Mechanics and Technical Physics, 1995, 36, 840-843. | 0.5 | 9 |
| 26 | The influence of surface porosity on the stability and transition of supersonic boundary layer on a flat plate. Thermophysics and Aeromechanics, 2010, 17, 259-268. | 0.5 | 9 |
| 27 | Linear evolution of controlled disturbances in the supersonic boundary layer on a swept wing. Fluid Dynamics, 2014, 49, 188-197. | 0.9 | 9 |
| 28 | Stability of supersonic boundary layer under the influence of heavy gas injection: experimental study. Thermophysics and Aeromechanics, 2018, 25, 183-190. | 0.5 | 9 |
| 29 | The influence of moderate angle-of-attack variation on disturbances evolution and transition to turbulence in supersonic boundary layer on swept wing. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2020, 234, 96-101. | 1.3 | 9 |
| 30 | An experimental study of the nonlinear evolution of instability waves on a flat plate for mach number M=3. Journal of Applied Mechanics and Technical Physics, 1997, 38, 265-270. | 0.5 | 8 |
| 31 | The evolution of mass flow and total temperature pulsations in flat plate boundary layer at M=2.5. AIP Conference Proceedings, 2017, , . | 0.4 | 8 |
| 32 | An effect of small angle of attack on disturbances evolution in swept wing boundary layer at Mach number M=2. AIP Conference Proceedings, 2018, , . | 0.4 | 8 |
| 33 | Hot-wire measurements of the evolution of total temperature and mass flow pulsations in supersonic boundary layer on flat plate with coating permeability. AIP Conference Proceedings, 2018, , . | 0.4 | 8 |
| 34 | The laminar-turbulent transition experiments in supersonic boundary layers. AIP Conference Proceedings, 2019, , . | 0.4 | 8 |
| 35 | Growth of artificially induced disturbances in a supersonic boundary layer. Fluid Dynamics, 1985, 19, 703-709. | 0.9 | 7 |
| 36 | Experimental study of evolution of disturbances in a supersonic boundary layer on a swept-wing model under controlled conditions. Journal of Applied Mechanics and Technical Physics, 2000, 41, 44-49. | 0.5 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Stability and Transition on a Swept Cylinder in a Supersonic Flow. Journal of Applied Mechanics and Technical Physics, 2003, 44, 212-220. | 0.5 | 7 |
| 38 | Influence of porous-coating thickness on the stability and transition of flat-plate supersonic boundary layer. Thermophysics and Aeromechanics, 2012, 19, 555-560. | 0.5 | 7 |
| 39 | Implementation of a new thermal model and static calibration of a wedge-shaped hot-film probe in a constant-temperature mode. International Journal of Heat and Mass Transfer, 2018, 126, 1-9. | 4.8 | 7 |
| 40 | Experimental investigation of effect of an external wave on supersonic boundary layer of the blunt flat plate. AIP Conference Proceedings, 2019, , . | 0.4 | 7 |
| 41 | Instability of a Three-Dimensional Supersonic Boundary Layer. Fluid Mechanics and Its Applications, 1996, , 361-368. | 0.2 | 7 |
| 42 | “Anomalous” nonlinear wave phenomena in a supersonic boundary layer. Journal of Applied Mechanics and Technical Physics, 1999, 40, 858-864. | 0.5 | 6 |
| 43 | EXPERIMENTAL INVESTIGATION OF THE SUPERSONIC BOUNDARY LAYER STABILITY ON A SWEEP WING AT MACH NUMBER $M = 2$. TsAGI Science Journal, 2011, 42, 1-12. | 0.1 | 6 |
| 44 | Experimental Study of Turbulence Beginning of Supersonic Boundary Layer on Swept Wing at Mach Numbers 2 “ 4. Journal of Physics: Conference Series, 2011, 318, 032018. | 0.4 | 6 |
| 45 | Hot-wire measurements of the evolution of total temperature and mass flow pulsations in a modulated 3D supersonic boundary layer. AIP Conference Proceedings, 2018, , . | 0.4 | 6 |
| 46 | Evolution of disturbances in a laminarized supersonic boundary layer on a swept wing. Journal of Applied Mechanics and Technical Physics, 2008, 49, 188-193. | 0.5 | 5 |
| 47 | Experiments on the Artificial Disturbance Evolution in 2D and 3D Spanwise Modulated Boundary Layers at Mach 2 and 2.5. Procedia IUTAM, 2015, 14, 48-57. | 1.2 | 5 |
| 48 | Numerical study of the interaction of the N-wave with the plate leading edge in the supersonic stream. AIP Conference Proceedings, 2017, , . | 0.4 | 5 |
| 49 | Experimental and numerical investigation of controlled disturbances development from two sources in supersonic boundary layer. Advances in Aerodynamics, 2019, 1, . | 2.5 | 5 |
| 50 | Influence of surface sublimation on the stability of the supersonic boundary layer and the laminar “ turbulent transition. Physics of Fluids, 2021, 33, 024101. | 4.0 | 5 |
| 51 | Experiments on the wave train excitation and wave interaction in spanwise modulated supersonic boundary layer. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2010, , 513-516. | 0.2 | 5 |
| 52 | Experiments on relative receptivity of three-dimensional supersonic boundary layer to controlled disturbances and its development. , 2013, , . | | 5 |
| 53 | Experimental Study of the Weak Shock Wave Action on the Boundary Layer of a Plate at the Mach Number 2.5. Siberian Journal of Physics, 2019, 14, 46-55. | 0.3 | 5 |
| 54 | Comparative Measurements in $M=2.54$ Flow Using Constant-Temperature and Constant-Voltage Anemometry. , 2003, , . | | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Joint permeability and roughness effect on the supersonic flat-plate boundary layer stability and transition. <i>Fluid Dynamics</i> , 2014, 49, 608-613. | 0.9 | 4 |
| 56 | The influence of flow parameters on the transition to turbulence in supersonic boundary layer on swept wing. <i>AIP Conference Proceedings</i> , 2016, , . | 0.4 | 4 |
| 57 | To the analysis of the natural pulsation development during laminar-turbulent transition in supersonic boundary layer. <i>AIP Conference Proceedings</i> , 2017, , . | 0.4 | 4 |
| 58 | The experimental study of the weak shock wave action on the boundary layer of the sweep flat plate. <i>Journal of Physics: Conference Series</i> , 2019, 1404, 012083. | 0.4 | 4 |
| 59 | Cross-correlation measurement of disturbance initiated by weak shock wave in the flat plate boundary layer with blunt leading edge at Mach 2. <i>AIP Conference Proceedings</i> , 2021, , . | 0.4 | 4 |
| 60 | Experimental study of the influence of external disturbances on the position of the laminar-turbulent transition on swept wings at $M = 2$. <i>Thermophysics and Aeromechanics</i> , 2021, 28, 319-325. | 0.5 | 4 |
| 61 | Experimental investigation of the wave structure of a supersonic boundary layer. <i>Journal of Applied Mechanics and Technical Physics</i> , 1987, 27, 730-734. | 0.5 | 3 |
| 62 | Experimental study of the influence of blunt leading edge of a flat plate on the growth of three-dimensional waves in supersonic flow. <i>Journal of Applied Mechanics and Technical Physics</i> , 1987, 28, 212-215. | 0.5 | 3 |
| 63 | Wave analysis of the evolution of a single wave packet in supersonic boundary layer. <i>AIP Conference Proceedings</i> , 2016, , . | 0.4 | 3 |
| 64 | To nonlinear disturbance interactions in 3D supersonic boundary-layer. <i>AIP Conference Proceedings</i> , 2016, , . | 0.4 | 3 |
| 65 | Excitation of localized wave packet in swept-wing supersonic boundary layer. <i>MATEC Web of Conferences</i> , 2017, 115, 02015. | 0.2 | 3 |
| 66 | Experimental and numerical investigation of the recovery ratio of a wedge-shaped hot-film probe. <i>Thermophysics and Aeromechanics</i> , 2017, 24, 187-202. | 0.5 | 3 |
| 67 | Investigation of the effect of heavy gas injection into a supersonic boundary layer on laminar-turbulent transition. <i>Fluid Dynamics</i> , 2017, 52, 769-776. | 0.9 | 3 |
| 68 | Visualization of interaction of Mach waves with a bow shock. <i>AIP Conference Proceedings</i> , 2017, , . | 0.4 | 3 |
| 69 | On introduction of controlled disturbances into a longitudinal vortex in a supersonic boundary layer. <i>AIP Conference Proceedings</i> , 2018, , . | 0.4 | 3 |
| 70 | Evolution of a localized wave packet in the boundary layer of the swept wing at $M = 2$. <i>Journal of Physics: Conference Series</i> , 2019, 1382, 012048. | 0.4 | 3 |
| 71 | The correlation of the pulsations of flow in the settling chamber with the pulsations of supersonic flow. <i>Journal of Physics: Conference Series</i> , 2019, 1404, 012074. | 0.4 | 3 |
| 72 | Experimental study of the laminar-turbulent transition on models of wings with subsonic and supersonic leading edge at $M = 2$. <i>Journal of Physics: Conference Series</i> , 2019, 1404, 012097. | 0.4 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Experimental study of the impact of N-wave on heat transfer in a boundary layer of a flat plate at the Mach number 2. AIP Conference Proceedings, 2021, , . | 0.4 | 3 |
| 74 | Nonlinear Development of Waves in the Supersonic Boundary Layer. , 1995, , 181-188. | | 3 |
| 75 | On Determination of the Mechanism of Mach Wave / Bow-Shock Interaction. Siberian Journal of Physics, 2017, 12, 20-27. | 0.3 | 3 |
| 76 | Stability of a supersonic boundary layer behind a fan of rarefaction waves. Journal of Applied Mechanics and Technical Physics, 1988, 30, 447-451. | 0.5 | 2 |
| 77 | Experimental study of stability of supersonic boundary layer on swept wing. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2010, , 379-384. | 0.2 | 2 |
| 78 | On the oblique breakdown mechanism in a supersonic boundary layer on a swept wing at Mach 2. AIP Conference Proceedings, 2017, , . | 0.4 | 2 |
| 79 | On the development of controlled stationary and travelling disturbances in the supersonic boundary layer of a swept wing. EPJ Web of Conferences, 2017, 159, 00024. | 0.3 | 2 |
| 80 | Regimes of flow turbulization near swept wing edge in hypersonic flow. AIP Conference Proceedings, 2018, , . | 0.4 | 2 |
| 81 | An Investigation of the Influence of the Parameters of a Pulse Discharge on Localized Disturbances Generated in a Supersonic Boundary Layer. Technical Physics Letters, 2019, 45, 242-245. | 0.7 | 2 |
| 82 | On the artificial wave packet development in a spanwise modulated boundary layer on the swept wing at Mach 2. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 83 | Experimental study of the laminar-turbulent transition in the boundary layer of the wing with a sweep angle of the leading edge of 72 degrees at Mach 4. AIP Conference Proceedings, 2021, , . | 0.4 | 2 |
| 84 | Experimental Study of Supersonic Boundary Layer Receptivity in Controlled Conditions. , 2000, , 451-456. | | 2 |
| 85 | Transition Control of Supersonic Boundary Layer on Flat Plate. Fluid Mechanics and Its Applications, 1999, , 323-328. | 0.2 | 2 |
| 86 | Influence of Small Angles of Attacks on the Laminar- Turbulent Transition on a Swept Wing at Mach Number $M = 2$. Siberian Journal of Physics, 2017, 12, 35-40. | 0.3 | 2 |
| 87 | Experimental study of excitation and evolution of contrarotating longitudinal vortices in a boundary layer of a flat plate at $M = 2$. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 88 | Experimental study of heat transfer in the boundary layer of a flat plate with the impact of weak shock waves on the leading edge. AIP Conference Proceedings, 2020, , . | 0.4 | 2 |
| 89 | Experimental investigation of the development of harmonic disturbances in the boundary layer on a flat plate at mach number $M=4$. Fluid Dynamics, 1991, 25, 854-858. | 0.9 | 1 |
| 90 | Influence of a fan of rarefaction waves on the development of a disturbance in a supersonic boundary layer. Journal of Applied Mechanics and Technical Physics, 1992, 33, 191-193. | 0.5 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Influence of coating permeability and roughness on supersonic boundary layer stability. AIP Conference Proceedings, 2016, , . | 0.4 | 1 |
| 92 | On the artificial disturbance evolution in 2D/3D spanwise modulated supersonic boundary layers. AIP Conference Proceedings, 2016, , . | 0.4 | 1 |
| 93 | Experimental investigation of influence of heavy gas injection into supersonic boundary layer on laminar-turbulent transition. AIP Conference Proceedings, 2017, , . | 0.4 | 1 |
| 94 | The effect of small angle of attack on the laminar-turbulent transition in boundary layer on swept wing at Mach number M=2. AIP Conference Proceedings, 2017, , . | 0.4 | 1 |
| 95 | The wave packet development in the 3D supersonic boundary layers. AIP Conference Proceedings, 2018, , . | 0.4 | 1 |
| 96 | Experimental study of the natural disturbance development in a supersonic flat plate boundary layer with a wavy surface. AIP Conference Proceedings, 2019, , . | 0.4 | 1 |
| 97 | Experimental investigation of freestream disturbances across an oblique shock wave via modal analysis with a wedge hot-film. Thermophysics and Aeromechanics, 2019, 26, 789-802. | 0.5 | 1 |
| 98 | Investigation of laminar-turbulent transition of supersonic boundary layer by scanning constant temperature hot-wire anemometer at Mach 2-4. AIP Conference Proceedings, 2021, , . | 0.4 | 1 |
| 99 | An effect of unit Reynolds number on the laminar-turbulent transition on 3D swept wing with $\beta = 72^\circ$ at M = 2. AIP Conference Proceedings, 2021, , . | 0.4 | 1 |
| 100 | Experimental Studies of the Impact of Periodic Modulation of the Flow on the De-velopment of Disturbances in the Boundary Layer of a Swept Wing at a M = 2.5. Siberian Journal of Physics, 2021, 16, 81-90. | 0.3 | 1 |
| 101 | On correspondence of laminar-turbulent transition processes in natural and in controlled supersonic experiments on flat plate. , 2000, , 493-498. | | 1 |
| 102 | Experimental study of stability and transition of supersonic boundary layer on swept wing at mach number 2-4. , 2013, , . | | 1 |
| 103 | Influence of Heavy Gas Blowing into the Wall Layer of Supersonic Boundary-Layer on Its Transition. Siberian Journal of Physics, 2017, 12, 50-56. | 0.3 | 1 |
| 104 | Influence of small attack angles on the transition on the wing with the subsonic leading edge at M=2. AIP Conference Proceedings, 2020, , . | 0.4 | 1 |
| 105 | Correlation measurement of supersonic flow pulsations and boundary layer disturbances in wind tunnel at Mach 2. AIP Conference Proceedings, 2020, , . | 0.4 | 1 |
| 106 | Development of small perturbations in a slightly nonparallel supersonic flow. Journal of Applied Mechanics and Technical Physics, 1982, 23, 398-401. | 0.5 | 0 |
| 107 | Wave structure of artificial perturbations in a supersonic boundary layer on a plate. Journal of Applied Mechanics and Technical Physics, 1990, 31, 250-252. | 0.5 | 0 |
| 108 | Structure of Acoustic Radiation from an Artificially Excited Supersonic Boundary Layer. International Journal of Aeroacoustics, 2005, 4, 353-362. | 1.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Experiments on the wave train development in 3D boundary layer at Mach 2. Journal of Physics: Conference Series, 2011, 318, 032011. | 0.4 | 0 |
| 110 | Linear and nonlinear development of controlled disturbances in the supersonic boundary layer on a swept wing at Mach 2.5. Journal of Physics: Conference Series, 2016, 754, 022005. | 0.4 | 0 |
| 111 | Propagation of the wave packet in a boundary layer of swept wing at Mach number 2. AIP Conference Proceedings, 2017, , . | 0.4 | 0 |
| 112 | On the nonlinear development of controlled disturbances in the supersonic boundary layer of a swept wing. AIP Conference Proceedings, 2017, , . | 0.4 | 0 |
| 113 | Experimental investigation of influence of tangential and normal heavy-gas blowing on the supersonic boundary-layer stability. AIP Conference Proceedings, 2018, , . | 0.4 | 0 |
| 114 | Influence of heavy-gas injection into supersonic boundary layer on its stability to controlled disturbances. AIP Conference Proceedings, 2019, , . | 0.4 | 0 |
| 115 | Evolution of artificial disturbances in swept wing supersonic boundary layer. Journal of Physics: Conference Series, 2019, 1404, 012084. | 0.4 | 0 |
| 116 | The controlled periodic impact on the longitudinal vortex in the boundary layer at Mach 2. Journal of Physics: Conference Series, 2019, 1404, 012094. | 0.4 | 0 |
| 117 | N-wave propagation in supersonic flow at flow past the flat plate with sharp edge. Journal of Physics: Conference Series, 2019, 1404, 012102. | 0.4 | 0 |
| 118 | Experimental investigation of natural disturbances of a supersonic boundary layer on a swept-wing model with periodic roughness at Mach 2.5. AIP Conference Proceedings, 2021, , . | 0.4 | 0 |
| 119 | Experimental study of influence of heavy gas injection into boundary layer on perforated model surface at Mach number 2 on its stability to controlled disturbances. AIP Conference Proceedings, 2021, , . | 0.4 | 0 |
| 120 | Effect of surface sublimation on boundary-layer stability. AIP Conference Proceedings, 2021, , . | 0.4 | 0 |
| 121 | Research on the Influence of the Unit Reynolds Number on the Characteristics of N-Waves at $M = 2.5$. Siberian Journal of Physics, 2021, 16, 53-64. | 0.3 | 0 |
| 122 | On Anomalous Wave Processes in Supersonic Boundary Layer. , 2000, , 463-468. | | 0 |
| 123 | Development of Artificial Disturbances in the Boundary Layer on a Plate and in the Wake Behind It at Supersonic Free-Flow Speed. , 2000, , 457-462. | | 0 |
| 124 | Experimental Study of the Supersonic Boundary Layer Stability on the Cone-Cylinder Model. , 1990, , 239-249. | | 0 |
| 125 | On the relative receptivity of two and three-dimensional supersonic boundary layers to stationary disturbances at mach 2. , 2015, , . | | 0 |
| 126 | A Study of the Pulsations of Flow in the Settling Chamber and Their Relationship with the Pulsations of the Supersonic Flow. Siberian Journal of Physics, 2019, 14, 77-85. | 0.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Achievements and problems of research on the development of controlled disturbances from a glow discharge in supersonic boundary layers. AIP Conference Proceedings, 2020, , . | 0.4 | 0 |
| 128 | Experimental study of natural disturbances of a supersonic boundary layer on a swept-wing model with periodic roughness. AIP Conference Proceedings, 2020, , . | 0.4 | 0 |
| 129 | Flow inhomogeneity influence on the wave packet development in a swept wing boundary layer at Mach number of 2.0. AIP Conference Proceedings, 2020, , . | 0.4 | 0 |
| 130 | Evolution of mass flow and total temperature pulsations in flat-plate and swept-wing boundary layers at Mach 2 and 2.5. Journal of Physics: Conference Series, 2020, 1677, 012033. | 0.4 | 0 |
| 131 | Development of Disturbances in the Supersonic Boundary Layer under Helium Injection from the Surface. Siberian Journal of Physics, 2022, 16, 41-47. | 0.3 | 0 |
| 132 | Effect of Small Angles of Attack on Laminar-Turbulent Transition in the Supersonic Boundary Layer on a Swept Wing with $\alpha = 72^\circ$. Fluid Dynamics, 2022, 57, 30-36. | 0.9 | 0 |