

Список статей, принятых оргкомитетом к публикации:

№	First author	Topic heading (if required). All papers in the section need to be grouped together.	Article title	Примечание
001	Pavlenko A N	Plenary lectures	Perspectives and problematic issues in the development of heat transfer enhancement methods at boiling and evaporation	Принята к публикации оргкомитетом
002	Isaev S A	Plenary lectures	Thermal-hydrodynamic design of energy-efficient surfaces with inclined oval-trench vortex generators	Принята к публикации оргкомитетом
003	Korotaev G K	Plenary lectures	Formation of salinity and density vertical stratification of the Black sea	Принята к публикации оргкомитетом
004	Smovzh D V	Plenary lectures	The effect of chemical interaction on the morphology of metalcarbon composites formed in a graphite arc	Принята к публикации оргкомитетом
005	Molochnikov V M	1. Heat transfer and hydrodynamics in single phase flows	Anisotropy of turbulent fluctuations of velocity and third-order moments in the near wake of a circular cylinder	Принята к публикации оргкомитетом
006	Davletshin I A	1. Heat transfer and hydrodynamics in single phase flows	Heat transfer and structure of a turbulized flow in a converging channel	Принята к публикации оргкомитетом
007	Tsyryulnikov I S	1. Heat transfer and hydrodynamics in single phase flows	Stability of axisymmetric supersonic submerged microjet of nonequilibrium sulphur hexafluoride	Принята к публикации оргкомитетом
008	Lemanov V V	1. Heat transfer and hydrodynamics in single phase flows	The effect of intermittency on the transition to turbulence in the jets	Принята к публикации оргкомитетом
009	Platonov D V	1. Heat transfer and hydrodynamics in single phase flows	Numerical study of the screw rotors for small scale hydropower	Принята к публикации оргкомитетом
010	Gataulin Y A	1. Heat transfer and hydrodynamics in single phase flows	Numerical analysis of the leaflet elasticity effect on the flow in the model of a venous valve	Принята к публикации оргкомитетом
011	Palkin E	1. Heat transfer and hydrodynamics in single phase flows	Influence of streamwise vortical structures on heat transfer in the far cylinder wake in a slot channel flow	Принята к публикации оргкомитетом
012	Ryzhenkov V O	1. Heat transfer and hydrodynamics in single phase flows	The flow regimes of the annular swirling turbulent jet	Принята к публикации оргкомитетом
013	Glotov V Yu	1. Heat transfer and hydrodynamics in single phase flows	CABARET scheme for modelling the stratification erosion in gas mixtures in hydrogen mitigation experiments for reactor safety	Принята к публикации оргкомитетом
014	Mironov S G	1. Heat transfer and hydrodynamics in single phase flows	The effect of underexpanded jet flow conditions on the supersonic core length	Принята к публикации оргкомитетом
015	Pyatnitskaya N Yu	1. Heat transfer and hydrodynamics in single phase flows	A technique of hydrodynamics and heat transfer research during the flow of liquid metals in channels of various forms	Принята к публикации оргкомитетом

016	Suslov D A	1. Heat transfer and hydrodynamics in single phase flows	Transient phenomena in the draft tube model of a Francis hydro-turbine	Принята к публикации оргкомитетом
017	Kotlyar A V	1. Heat transfer and hydrodynamics in single phase flows	Hydrodynamics and heat transfer of molten salts in the tokamak reactor	Принята к публикации оргкомитетом
018	Razuvanov N G	1. Heat transfer and hydrodynamics in single phase flows	Investigation of heat transfer in a liquid metal upflow in the MHD-channels applied to tokamak reactor blanket module	Принята к публикации оргкомитетом
019	Naumkin V S	1. Heat transfer and hydrodynamics in single phase flows	Numerical simulation of heat and moisture transfer in co-current membrane heat exchangers	Принята к публикации оргкомитетом
020	Philippov M V	1. Heat transfer and hydrodynamics in single phase flows	Experimental study of interaction of two parallel circular jets	Принята к публикации оргкомитетом
021	Barsukov A V	1. Heat transfer and hydrodynamics in single phase flows	Large eddy simulation of two parallel round jets	Принята к публикации оргкомитетом
022	Vinogradov D A	1. Heat transfer and hydrodynamics in single phase flows	Numerical simulation of the electrovortex flow in the non-inductive approximation under the influence of an external magnetic field	Принята к публикации оргкомитетом
023	Makarov M S	1. Heat transfer and hydrodynamics in single phase flows	Numerical simulation of energy separation of low-Prandtl gas mixture flowing in the finned single Leontiev tube	Принята к публикации оргкомитетом
024	Filimonov M Yu	2. Hydrodynamics and heat and mass transfer in multiphase flows	Simulation of Operation of an Open Geothermal System with Seasonal Variations	Принята к публикации оргкомитетом
025	Alekseev R A	2. Hydrodynamics and heat and mass transfer in multiphase flows	Investigation of the influence of intra-channel liquid film suction on the structure of the droplet flow downstream a stator blades cascade of a steam turbine	Принята к публикации оргкомитетом
026	Timoshevskiy M V	2. Hydrodynamics and heat and mass transfer in multiphase flows	Effect of flow turbulization on cavitation on a 2D tandem hydrofoil: high-speed imaging and PIV measurements	Принята к публикации оргкомитетом
027	Arhipov V A	2. Hydrodynamics and heat and mass transfer in multiphase flows	Experimental study of the effect of superficially active substances on the destruction dynamics of a fluid macro volume	Принята к публикации оргкомитетом
028	Abramova O A	2. Hydrodynamics and heat and mass transfer in multiphase flows	Numerical simulation of the dynamics and calculation of the rheological characteristics of the dispersed systems using BEM	Принята к публикации оргкомитетом
029	Cherdantsev M V	2. Hydrodynamics and heat and mass transfer in multiphase flows	Shear stress in downward adiabatic annular gas-liquid flow	Принята к публикации оргкомитетом
030	Dieva N N	2. Hydrodynamics and heat and mass transfer in multiphase flows	Hydrodynamic analysis of the efficiency of thermochemical methods at deposits with complicated development conditions	Принята к публикации оргкомитетом
031	Eloyan K S	2. Hydrodynamics and heat and mass transfer in multiphase flows	Influence of controlled pulsations of a liquid flow on the surface temperature of heater with a high heat flux	Принята к публикации оргкомитетом
032	Goltsman A E	2. Hydrodynamics and heat and mass transfer in multiphase flows	Numerical simulation of a turbulent boundary layer at the gas/liquid interface	Принята к публикации оргкомитетом

033	Guryanov A I	2. Hydrodynamics and heat and mass transfer in multiphase flows	Study of Rain Simulation for Aircraft Engine Certification	Принята к публикации оргкомитетом
034	Borzenko E I	2. Hydrodynamics and heat and mass transfer in multiphase flows	Investigation of a viscous fluid drain under the pressure drop with simultaneous filling of a rectangular tank	Принята к публикации оргкомитетом
035	Poplavski S V	2. Hydrodynamics and heat and mass transfer in multiphase flows	An early stage of the drop interaction with shock wave: airflow, deformation, destruction	Принята к публикации оргкомитетом
036	Sahipgareev A R	2. Hydrodynamics and heat and mass transfer in multiphase flows	Calculation analysis of the processes of boric acid droplet entrainment during WWER emergency cooling	Принята к публикации оргкомитетом
037	Zalkind V I	2. Hydrodynamics and heat and mass transfer in multiphase flows	Some peculiarities of superheated water flow in contracting-expanding nozzles and their influence on droplet dimension distribution in an atomized water plume	Принята к публикации оргкомитетом
038	Sazhin I A	2. Hydrodynamics and heat and mass transfer in multiphase flows	Model of mobile experimental stand for determine parameters of the gas-piston flow	Принята к публикации оргкомитетом
039	Skiba S S	2. Hydrodynamics and heat and mass transfer in multiphase flows	Study of self-preservation of gas hydrates in suspensions in oils	Принята к публикации оргкомитетом
040	Vinogradov D A	2. Hydrodynamics and heat and mass transfer in multiphase flows	Study of the features of behaviour of overheated liquid-metal drops in gas media, water and electromagnetic field of the inductor	Принята к публикации оргкомитетом
041	Alekseev R A	2. Hydrodynamics and heat and mass transfer in multiphase flows	Optimization of stator blade profile design for last stages of steam turbines based on the features of coarse droplets movement in inter-blade channels	Принята к публикации оргкомитетом
042	Zamula Yu S	2. Hydrodynamics and heat and mass transfer in multiphase flows	Experimental and numerical modeling of a viscous incompressible fluid flow with dispersed particles in a rectangular channel	Принята к публикации оргкомитетом
043	Gvozdyakov D V	2. Hydrodynamics and heat and mass transfer in multiphase flows	Experimental research of flow characteristics of coaxially atomized coal-water fuel	Принята к публикации оргкомитетом
044	Troitskaya Y I	2. Hydrodynamics and heat and mass transfer in multiphase flows	Investigation of the self-similarity of wind velocity and temperature profiles in laboratory modelling of the exchange processes in the atmosphere boundary layer	Принята к публикации оргкомитетом
045	Ponomarenko T G	2. Hydrodynamics and heat and mass transfer in multiphase flows	Study of the heat transfer dynamics when a drop of liquid falls on a heated surface	Принята к публикации оргкомитетом
046	Meleshkin A V	2. Hydrodynamics and heat and mass transfer in multiphase flows	Investigating the effect of decompression rate on the synthesis of carbon dioxide gas hydrate by the method of explosive boiling of a liquefied hydrate gas	Принята к публикации оргкомитетом
047	Borodulin V Yu	3. Phase transitions	The influence of surface structuring on evaporation of sessile drops of water	Принята к публикации оргкомитетом
048	Fedyushkin A I	3. Phase transitions	Effect of rotation on impurity distribution in crystal growth by Bridgman method	Принята к публикации оргкомитетом
049	Malikov A G	3. Phase transitions	Influence of thermal treatment on the phase transitions of high-strength laser welding joints of aluminum-lithium alloys	Принята к публикации оргкомитетом
050	Belosludov V R	3. Phase transitions	Theoretical study of stability zones of mixed H ₂ + CO ₂ gas hydrates CS-I and CS-II	Принята к публикации оргкомитетом

051	Levin A A	3. Phase transitions	Unsteady model of wall-adjacent boiling subcooled liquid flow	Принята к публикации оргкомитетом
052	Zhdanov R K	3. Phase transitions	Theoretical investigation of nitrogen gas hydrates outside of stability zone	Принята к публикации оргкомитетом
053	Puzina Yu Yu	3. Phase transitions	Determination of the vapor film thickness at steady superfluid helium film boiling	Принята к публикации оргкомитетом
054	Savvinova N A	3. Phase transitions	Ice melting with account of selective source of radiation	Принята к публикации оргкомитетом
055	Kozulin I A	3. Phase transitions	The dynamics of explosive vaporization of a two-component liquid mixture	Принята к публикации оргкомитетом
056	Subbotin O S	3. Phase transitions	Theoretical investigation of thermodynamic properties of tetrabutylammonium bromide ionic clathrate hydrate	Принята к публикации оргкомитетом
057	Fedyushkin A I	3. Phase transitions	Heat and mass transfer during crystal growing by the Czochralski method with a submerged vibrator	Принята к публикации оргкомитетом
058	Bozhko Yu Yu	3. Phase transitions	Simulation of structure and thermodynamic properties of the double of ozone and carbon dioxide hydrates using molecular and lattice dynamics methods	Принята к публикации оргкомитетом
059	Lebeda K S	3. Phase transitions	Influence of radiative heat transfer on the sublimation of a single chromium (III) β -diketonate particle in the superheated mixture of vapor-inert gas	Принята к публикации оргкомитетом
060	Misyura S Y	4. Reacting flow dynamics, detonation processes	Experimental study of the dissociation of natural methane hydrate in the channel in the presence of air flow	Принята к публикации оргкомитетом
061	Larionov K B	4. Reacting flow dynamics, detonation processes	Influence of inorganic salt on the characteristics of oxidation, ignition and combustion of bituminous coal	Принята к публикации оргкомитетом
062	Moiseeva K M	4. Reacting flow dynamics, detonation processes	Combustion of aluminum and boron powders suspended in the air	Принята к публикации оргкомитетом
063	Teslenko V S	4. Reacting flow dynamics, detonation processes	Multispark initiation of ring gas charges in water	Принята к публикации оргкомитетом
064	Arkhipov V A	4. Reacting flow dynamics, detonation processes	Sedimentation dynamics of a polydisperse cluster of solid particles in a viscous fluid	Принята к публикации оргкомитетом
065	Evdokimov O A	4. Reacting flow dynamics, detonation processes	Numerical Simulation of Coaxial Swirled Lifted Propane-Air Flame under Buoyancy Conditions	Принята к публикации оргкомитетом
066	Trotskyuk A V	4. Reacting flow dynamics, detonation processes	Numerical study of two-dimensional structure of detonation front in two-fuel mixtures	Принята к публикации оргкомитетом
067	Kukshinov N V	4. Reacting flow dynamics, detonation processes	Numerical simulation of hydrogen combustion in oxidizer supersonic flow in flowpaths of various configurations	Принята к публикации оргкомитетом
068	Larionov K B	4. Reacting flow dynamics, detonation processes	Study of the physical-chemical characteristics of non-food solid waste combustion	Принята к публикации оргкомитетом
069	Misyura S Y	4. Reacting flow dynamics, detonation processes	Comparison of crystallization behavior in a drop and in a thin layer of an aqueous salt solution of LiBr during non-isothermal desorption	Принята к публикации оргкомитетом
070	Arkhipov V A	4. Reacting flow dynamics, detonation processes	Evolution of liquid-drop aerosol cloud during deposition in a high-temperature environment	Принята к публикации оргкомитетом
071	Poplavskaya T V	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Numerical simulation of the transition to turbulence in subsonic and transonic flows	Принята к публикации оргкомитетом
072	Demyshev S	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Analysis of hydrophysical fields in the northern part of the Black Sea on the basis of assimilation in the hydrodynamic model of temperature and salinity observations in the summer season of 2016	Принята к публикации оргкомитетом
073	Kirilovskiy S V	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Numerical simulation of the laminar-turbulent transition on a swept wing in a subsonic flow	Принята к публикации оргкомитетом

074	Shul'ga T Ya	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Numerical studies of the internal waves interaction with the Black Sea shelf topography at spring-summer stratification	Принята к публикации оргкомитетом
075	Ostapenko V V	5. Numerical methods in thermophysics and physical fluid and gas dynamics	On a compact finite-difference scheme of the third order of weak approximation	Принята к публикации оргкомитетом
076	Filimonov S A	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Implementation of the immersed boundary method for solving problems of fluid dynamics with moving bodies	Принята к публикации оргкомитетом
077	Dorofeyev V L	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Influence of surface currents on the nutrient fluxes from the shelf to the deep part of the Black Sea	Принята к публикации оргкомитетом
078	Belova V G	5. Numerical methods in thermophysics and physical fluid and gas dynamics	The parametric studies of the effect of synthetic jets on the distribution of heat fluxes in a flat model channel	Принята к публикации оргкомитетом
079	Senderov M V	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Study of the formation of the Black Sea haline stratification from the numerical simulations	Принята к публикации оргкомитетом
080	Smirnov S I	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Numerical simulation of turbulent Rayleigh-Bénard mercury convection in a circular cylinder with introducing small deviations from the axisymmetric formulation	Принята к публикации оргкомитетом
081	Lishaev P N	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Reconstruction of the mesoscale variability of the Black Sea based on assimilation in the model of three-dimensional fields of pseudo-measurements of temperature and salinity	Принята к публикации оргкомитетом
082	Fortova S V	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Numerical modeling of the Kolmogorov flow in a viscous and inviscid media	Принята к публикации оргкомитетом
083	Kuznetsov V	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Simulation of the liquid fuel spraying based on Eulerian-Lagrangian model	Принята к публикации оргкомитетом
084	Usov E V	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Numerical simulation of the molten fuel relocation in fuel rod	Принята к публикации оргкомитетом
085	Davydov M N	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Dynamics of gas phase concentration in SPH	Принята к публикации оргкомитетом
086	Mizyuk A I	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Dynamics of the Azov-Black Sea basin by means of parallel ocean circulation modeling	Принята к публикации оргкомитетом
087	Noskov A S	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Hydrodynamic analysis of a flow in a mixed core	Принята к публикации оргкомитетом
088	Kuianova Iu O	5. Numerical methods in thermophysics and physical fluid and gas dynamics	Towards the numerical assessment in solving the problem of the effectiveness of vascular anastomosis in neurosurgical operations	Принята к публикации оргкомитетом
089	Zharkova G M	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	Main features of application of liquid crystal composites for the near-wall flow diagnostics	Принята к публикации оргкомитетом

090	Borisov Yu A	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	Computational and experimental research of a steam turbine system for an intra-cycle compression of fuel	Принята к публикации оргкомитетом
091	Rakhmanov V V	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	The expansion of the dynamic range of photodetectors in hydrodynamic research using active optical shutters	Принята к публикации оргкомитетом
092	Bountin D A	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	Problems of heat flux measurement by means of IR camera under a pulse impact on a sample	Принята к публикации оргкомитетом
093	Stepanov R	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	Development of IPI technique by wavelet analysis	Принята к публикации оргкомитетом
094	Chertovskikh P A	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	An adaptive PID controller with an online auto-tuning by a pretrained neural network	Принята к публикации оргкомитетом
095	Kagramanov	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	Determining kinetic constants for reactions of zinc oxide sorbents with syngas components	Принята к публикации оргкомитетом
096	Kasymov D P	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	Studying firebrands interaction with flat surface of various wood construction materials in laboratory conditions	Принята к публикации оргкомитетом
097	Gordienko M R	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	Small-disturbance temperature diagnostics in vortex tube with a square cross-section	Принята к публикации оргкомитетом
098	Gromyko Y V	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	Cone nose-tip roughness effect on the transition at M=5, 6, 8	Принята к публикации оргкомитетом
099	Kabardin I K	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	Developing the complex method for flow investigation in a hydro-turbine model using laser anemometry and video recording	Принята к публикации оргкомитетом
100	Kabardin I K	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	Determining experimental applicability limits of Spalart-Almares turbulent model and Reynolds stresses transfer model at mass transfer intensification in rotary-divergent controlled flows	Принята к публикации оргкомитетом
101	Ovchinnikov N N	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	Calibration error minimization method of three-dimensional geometry optical meter with two photodetectors	Принята к публикации оргкомитетом

102	Dvoynishnikov S V	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	The optical system amplitude-frequency characteristics estimation of the measurer implementing phase triangulation method	Принята к публикации оргкомитетом
103	Kulikov D V	6. Methods and techniques of thermophysical and fluid and gas dynamic experiment	Method of measuring the geometry of rotating parts of power stations based on the effect of self-mixing of laser radiation	Принята к публикации оргкомитетом
104	Agazhanov A Sh	7. Thermophysical properties of substances and new materials	Thermal conductivity of CsBi alloy in liquid state	Принята к публикации оргкомитетом
105	Boyko E V	7. Thermophysical properties of substances and new materials	Morphology and optical properties of films based on CVD graphene and nanostructured gold	Принята к публикации оргкомитетом
106	Lepeshkin A R	7. Thermophysical properties of substances and new materials	Modelling the stressed state of thermal protective coating of turbine blades taking into account action forces from the gas flow	Принята к публикации оргкомитетом
107	Kostogrud I A	7. Thermophysical properties of substances and new materials	The effect of grains crystallographic orientations of copper substrate on graphene growth	Принята к публикации оргкомитетом
108	Romanov I A	7. Thermophysical properties of substances and new materials	Using the copper-foam for thermal conductivity improvement of La _{0.9} Ce _{0.1} Ni ₅ -alloy bed during interaction with hydrogen	Принята к публикации оргкомитетом
109	Stankus S V	7. Thermophysical properties of substances and new materials	Calorical properties of equiatomic alloy of rubidium-bismuth system in the temperature range 293–1175 K	Принята к публикации оргкомитетом
110	Barbin N M	7. Thermophysical properties of substances and new materials	Determination of Thermophysical Parameters of the system C32-Ar	Принята к публикации оргкомитетом
111	Sahipgareev A R	7. Thermophysical properties of substances and new materials	Studying the thermophysical and physicochemical properties of solutions of boric acid for emergency core cooling of WWER	Принята к публикации оргкомитетом
112	Vendland L E	7. Thermophysical properties of substances and new materials	Room temperature testing of PLA plastics	Принята к публикации оргкомитетом
113	Emelyanov A A	8. Heat transfer and hydrodynamics on micro- and nanoscales	Probe supply of methane in gas-jet synthesis of diamond structures	Принята к публикации оргкомитетом
114	Rebrov A K	8. Heat transfer and hydrodynamics on micro- and nanoscales	Influence of the substrate temperature on the jet diamond depositon	Принята к публикации оргкомитетом
115	Mikhienkova E I	8. Heat transfer and hydrodynamics on micro- and nanoscales	Experimental study of temperature dependence of drilling fluids viscosity with nanoparticles	Принята к публикации оргкомитетом
116	Abramova O A	8. Heat transfer and hydrodynamics on micro- and nanoscales	Three-dimensional modeling of the viscous fluid flow and the dynamics of dispersed systems in microstructures using the boundary element method	Принята к публикации оргкомитетом
117	Tukhbatova E R	8. Heat transfer and hydrodynamics on micro- and nanoscales	Experimental and numerical study of the natural convection in dispersed systems in a heated rectangular cell	Принята к публикации оргкомитетом
118	Safonov A I	8. Heat transfer and hydrodynamics on micro- and nanoscales	Synthesis of gold nanoparticles by annealing its thin film under a layer of fluoropolymer coating	Принята к публикации оргкомитетом

119	Anisimova I V	8. Heat transfer and hydrodynamics on micro- and nanoscales	On the determination of the transfer coefficients in the heat and mass transfer equations, based on the Boltzmann equation	Принята к публикации оргкомитетом
120	Guzei D V	8. Heat transfer and hydrodynamics on micro- and nanoscales	Experimental investigation of laminar forced convection of nanofluid in heat exchange equipment	Принята к публикации оргкомитетом
121	Kupershtokh A L	9. Electrophysical phenomena in gaseous and liquid media	Dynamics of bubbles in liquid dielectrics under the action of electric field: lattice Boltzmann method	Принята к публикации оргкомитетом
122	Medvedev R N	9. Electrophysical phenomena in gaseous and liquid media	Spectral characteristics of inductively coupled plasma of water vapor	Принята к публикации оргкомитетом
123	Peregudin S	9. Electrophysical phenomena in gaseous and liquid media	The influence of dissipative effects on dynamic processes in a rotating electrically conductive liquid medium	Принята к публикации оргкомитетом
124	Peregudin S	9. Electrophysical phenomena in gaseous and liquid media	The effect of density turbulent diffusion intensity on magnetohydrodynamic wave processes in a spherical layer of electrically conducting liquid	Принята к публикации оргкомитетом
125	Zinnatullin R R	9. Electrophysical phenomena in gaseous and liquid media	Destruction of water-in-oil emulsions in electromagnetic fields	Принята к публикации оргкомитетом
126	Znamenskaya I A	9. Electrophysical phenomena in gaseous and liquid media	Localization of a combined pulse discharge within a gas with a rectangular obstacle on the channel wall	Принята к публикации оргкомитетом
127	Dekhtyar R A	10. Heat transfer and hydrodynamics in industrial processes and environment protection	An experimental study of hydrodynamics and heat transfer at fluid filtration through porous medium	Принята к публикации оргкомитетом
128	Mirnov S V	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Cooling of the inner-chamber elements of a thermonuclear reactor with a dispersed flow	Принята к публикации оргкомитетом
129	Filippov P S	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Influence of the working fluid thermophysical parameters variation on the gas turbine cycle performance	Принята к публикации оргкомитетом
130	Kholod A L	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Comparison of the forecasting results of Black Sea surface temperature obtained in the FSBSI MHI and Copernicus marine environment monitoring service	Принята к публикации оргкомитетом
131	Ratner Yu B	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Investigation of the spatio-temporal variability of the Black Sea upper mixed layer thickness based on the results of numerical calculations	Принята к публикации оргкомитетом
132	Seredkin A V	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Development of a method of detection and classification of waste objects on a conveyor for a robotic sorting system	Принята к публикации оргкомитетом

133	Slesareva E Y	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Motion of a single vapor Taylor bubble in the vertical tube of small diameter	Принята к публикации оргкомитетом
134	Alekseenko S V	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Inner aerodynamics of the improved four-vortex furnace model	Принята к публикации оргкомитетом
135	Anufriev I S	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Investigation of characteristics of the liquid-fluid burner device spraying unit using IPI method	Принята к публикации оргкомитетом
136	Vasilyev A Yu	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Classification of Atomization Devices	Принята к публикации оргкомитетом
137	Dunikov D O	10. Heat transfer and hydrodynamics in industrial processes and environment protection	On efficiency of metal hydride extraction of hydrogen from a mixture with methane	Принята к публикации оргкомитетом
138	Elistratov S L	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Simulation of evaporation of mixtures and solutions in the spheroidal state	Принята к публикации оргкомитетом
139	Dunikov D O	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Measurement of a metal hydride absorption isotherm on a reactor scale	Принята к публикации оргкомитетом
140	Yankovsky S A	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Ignition of granulated mixed fuel based on lignite and wood waste	Принята к публикации оргкомитетом
141	Deeb R	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Numerical simulation of the heat transfer of staggered drop-shaped tubes bundle	Принята к публикации оргкомитетом
142	Yankovsky S A	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Reasons for tangerine peel utilization in the composition of mixed fuels based on bituminous coal	Принята к публикации оргкомитетом
143	Lobasov A S	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Experimental investigation of the effect of volume concentration and average diameters of nanoparticles on the contact angle of wetting between nanofluids and different substrates	Принята к публикации оргкомитетом
144	Nemirovsky Y V	10. Heat transfer and hydrodynamics in industrial processes and environment protection	Two-dimensional steady-state heat conduction problem for heat networks	Принята к публикации оргкомитетом