

Consolidated Contents №№ 1–6, 2013

Al-Halbouni A., Chalh-Andreas B., Hofman M., Rahms H. Multi-Fuel Burner Systems for Industrial Applications	5	51
Avramenko N.A., Diorditsa V.A., Levenets V.V., Omelnyk A.P., Usikov N.P., Shchur A.A. Studying the Content of 3,4-Benzopyrene in the Soil Cover of Living Areas Exposed to Technogenic Pollution	4	52
Bezrodny M.K., Prytula N.O. Thermodynamic Efficiency of Low Temperature Heat Pump Schemes of Heating Systems Using Solar Energy	1	5
Bezrodny M.K., Kutra D.S., Dranik T.V. Thermodynamic Efficiency of Use of Heat Pumps in the Air Ventilation System in the Indoor Pools	6	29
Blayda I.A., Vasilieva N.Yu., Mitiaieva N.P. Technogenic Wastes of Ukraine : Ecological Risk Assessment and Necessity of Biological Control	4	65
Bogomolov V.A., Kozhan A.P., Bondarenko O.B., Khovavko A.I., Simeyko K.V. The Mechanism of Methane Pyrolysis (Review)	3	25
Bogomolov V.O., Kozhan O.P., Bondarenko B.I., Khovavko O.I., Simeyko K.V. Research of the Process of QuartzSand Encapsulation by Pyrolytic Carbon	5	33
Boichenko S.V., Iakovlieva A.V., Shkilniuk I.O., Kliuchnik O.G. Comparative Characteristics of Physico-Chemical Properties of Jet Fuels Produced in Different Manufacturing Countries	4	15
Boichuk T.M., Banyuk K.M., Sivchenko N.A., Orlyk S.N. Neutralization of Nitrogen Oxides (I), (II) of Gas Emissions on CeriumC-obalt-Zirconium Oxide Catalysts Doped with Palladium	1	42
Bondarenko B.I. The Gas Institute of National Academy of Science of Ukraine : Fundamental Investigations as the Basis for Modern Energy and Resource Saving Technologies Development	5	3
Bordun I.M., Ptashnyk V.V. Current Inspection as a Method of Water Solutions Electrochemical Activation Depth Testing	5	46
Butenko A.G., Smyk S.Yu. Increase of Central Ejector Operation Efficiency	2	62
Chygyrynets O.E., Vorobyova V.I. Tatarchenko G.O., Lipatov S.Yu. Relationship Method of Extraction and Inhibition Efficiency Volatiles Compounds Extract of Cake Rapeseeds	1	27
Dubovskyy S.V., Kobernik V.S. Economic Preconditions Implementation of Environmental Protection Technologies Thermal Energy in Ukraine	3	59
Grechanik S.V., Bezpoyasko V.O., Meshkova-Klimenko N.A., Savchina L.A., Kozhan A.P. Production Process Of Activated Carbon With the Developed Mezoporistoy Structure from the Anthracites	2	38
Khobotova E.B., Grayvoronskaya I.V. The Sorption Properties of Diopside Metallurgical Slag	3	51
Khobotova E.B., Kalmykova Yu.S., Belichenko H.A., Baumer V.N. Dumping Blast Furnace Slags as Technogenic Raw Materials of Slag-Alkaline Binders Production	2	47
Kirichenko V.I., Boichenko S.V., Kirichenko V.V., Nezdorovin V.P. Complex Treatment of Technical Plant Oils : Concept, Methods and Technologies	4	31
Klimenko M.A., Chernaya N.A. Perspective of Sewage Sludge Natural Cold Treatment for Utilization in Cement Production	1	35
Kolesnyk V.V., Orlyk V.M., Zhovtyansky V.A., Nevzgliad I.O. Thermodynamics Bases of Carbon Conversion for Obtaining Synthesis Gas of Required Composition with the Use of Plasma Technologies	2	17
Kolesnyk V.Ye., Kulikova D.V. The Sequence of Development of the Algorithm and Calculating the Basic Design Parameters of the Proposed Waste Water Settle	1	48
Kukota Yu.P., Dunaevskaya N.I., Bondzyk D.L. Calculation of Devolatilisation, Composition and Thermal Contribution of Anthracite Volatile Matters in Muffle Burner	2	11
Kurylec' O.G., Znak Z.O., Savchuk L.V. Tin Lixivation from Tinplate Wastesin Drum-Type Equipment	6	43
Lennox Siwale, Lukaes Kristof, Akos Bereczky, Andrei Kolesnikov, Makame Mbarawa. Normal Butanol Additive in Methanol-Gasoline Blends Fired in a Spark Ignition Single Cylinder Engine : Effects on Combustion and Emission Characteristics	6	10
Marchenko A.P., Osetrov A.A., Kravchenko S.S. The Problems and Prospects of Synthetic Gas Fuels Production (Review)	4	5
Markina L.N., Myroshnychenko M.V. Alternative Liquid Fuels from Wastes:Advantages and Disadvantages	4	23
Motorina T.A., Kurbatov Yu.L., Vasilenko Yu.Ye. Research of Heat Exchange in Blast Zone of Blast Furnace Using Coal-Dust Fuel	6	55
Nazyuta L.Y., Smotrov A.V., Gubanova A.V. The System of Waste Management of Complete Integrated Cycle Metallurgical Enterprise	3	33
Nikitin E.E. To Assessment of Expediency of Connecting a Remote Heat Consumer to Thermal Power Station	6	22
Nikitin E.E., Kuzmenko Yu.V., Zaitseva E.A., Baranovskaya T.N. On the Determination of the Thermal Heat Losses on Meter Readings of Thermal Energy	1	13
Olabin V.M., Maksymuk O.B. The Definition of Stable Operation Region for Multi-Nozzle Submerged Combustion Burners	5	63
Orfanova M.N., Orfanova M.M., Pustogov V.I. Perspective Directions of Use of Galvanic Production Waste	4	47
Osipov A.M., Shendrik T.G., Grishchuk S.V., Popov A.F. Oil Shale as a Promising Resource of Organic Raw Materials in Ukraine (Review)	6	3
Ostapiuk I.I. Optimization of the Maintenance Departments Distribution for Gas Pipeline Servicing	3	66
PetrashV.D., Polunin Yu.N. The Selection and Transformation of Energy of Exhaust Gases of Rotary Kilns for Industrial Heating	6	59

Petrov S.V. Plasma Purification of Water and Soil from Heavy Metals and Radioactive Nuclides	5	38
Pylypenko R.A., Pylypenko A.V., Logvynenko D.M. Main Points of Technology of Precise Heating of Large-Sized Products of the Fiery Furnaces	5	56
Rudenko L.I., Khan V.E.-I., Parkhomenko V.I., Kashkovskiy V.I., Dzhuzha O.V., Aksenovskaia O.A., Ivonin M.V., Shukailo B.N., Riabchenko P.L. Purification of Liquid Radioactive Waste from Organic Compounds with Titanium-Ferrous Coagulants	4	59
Sadovskiy D.Yu., Savickij D.P., Pahar' T.A. Obtaining the Fuel Disperse Systems on Base of Natural Coals and Lower Alcohols	3	5
Sakhnenko N.D., Ved M.V., Bykanova V.V. Photocatalytic Properties of Titanium (IV) Oxide Films in Media with Different Acidity Levels	6	50
Shepelenko O.S., Sakhnenko M.D., Yakuba K.V., Zelensky O.I., Shmal'ko V.M. The Application of Coke-Chemical Nanoparticles for Zinc Electrolytic Deposit Modification	6	36
Sigal I.Ya., Smikhula A.V., Marasin O.V., Kouts V.P., Dombrowska E.P., Kolchev V.O., Kernazhytska E.S. Experimental Research of a Biogas as a Fuel for Boilers	5	26
Soroka B.S., Vorobyov N.V. Comparative Analysis of Power Efficiency of Various Trands of Combustion Products Heat Recovery in Fuel Furnaces	5	7
Sukhorebra S.A., Jensen A.A. Environmental Aspects of the Industrial Usage of Hexabromocyclododecane (Review)	3	42
Svitly Yu.G., Krut' O.A., Bilecky V.S. Ukrainian Experience of Brown Coal Treatment to Coal Water Slurry	2	5
Torchinskiy A.I., Lyashko A.Yu. Conversion of a Tunnel Stove for Thermal Tests of Glass Products from an Electric Heating into a Heating by Natural Gas	5	69
Tskitishvili E.O., Trotsenko L.N., Pikashov V.S., Matsishin N.V., Kukui K.A., Leykovsky K.G., Vinogradova T.V. Adjustment of Flame Parameters as Mean of Fuel Economy at Burning Lime	1	57
Varlamov G.B., Pryimak K.O. System Analysis of Basic Methods for Identifying Actual Characteristics of Gas Pumping Units for Compressor Stations	2	66
Vavrysh A.S. Hydrogen Adsorption in Carbon Nanotubes (Review)	2	25
Ved M.V., Sakhnenko M.D., Yermolenko I.Yu., Korniy S.A. Simulation and Optimization of Tungsten Alloys Electrochemical Recycling	4	41
Volchyn I.A., Karatsuba A.S., Rudenko L.M. The Use of Fly Ash as a Sorbent for Flue Gas Desulphurisation in Wet Ash Collector	2	56
Vorobyova M.I., Pivovarov A.A. Influence of Ammonium Hydroxide on Efficiency Processing Ore Concentrates Plasma-Chemical Activated Water Solutions	1	20
Vorobyova V.I., Chygyrynets' O.E. Investigation on Inhibition Mechanism of Volatile Corrosion Inhibitor of Carbon Steel	3	18
Zhuk H.V., Pyatnichko A.I., Krushnevich S.P., Fedorenko D.S. Prospects of Methane Hydrate Technologies in Ukraine	3	10