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1	Tomasz Romanowicz , Tomasz Sobota, Magdalena Jaremkiwicz Jan Taler	PK University of Technology Cracow, Poland	Experimental determination of the fouling degree of a plate heat exchanger in a heat substation
2	Piotr Natkaniec, Piotr Dzierwa, Dariusz Borkowski	PK University of Technology Cracow, Poland	Test benches and research work as a basis for determining the applicability of Turbine Pressure Stabilisation Systems for energy recovery and utilisation in a district heating network
3	Sztekler Karol, Łukasz Mika, Tomasz Bujok, Piotr Boruta, Marcin Sowa, Wojciech Kalawa	AGH University of Science and Technology, Faculty of Energy and Fuels, Cracow, Poland	Use of adsorption chillers integrated with solar collectors for air conditioning systems
4	Piotr Dzierwa, Marcin Trojan, Jan Taler, Taler Dawid, Karol Kaczmarek, Mariusz Granda, Krzysztof Smaza, Piotr Mirek	PK University of Technology Cracow, Poland	A system for the recovery, storage and use of waste heat from the minted molding sand
5	Norbert Raducki, Jakub Lach, Kun Zheng	AGH University of Science and Technology, Faculty of Energy and Fuels, Cracow, Poland	The determination of chemical diffusion coefficient D and surface exchange constant k by the relaxation method
6	Jolanta Biegańska, Krzysztof Barański	AGH University of Science and Technology, Poland	Environmental aspects of the use of biomass to produce high-energy materials
7	Tomasz Sumera	Eco-Doradztwo Tomasz Sumera	Effective using of renewable energy sources
8	Juan Carlos Santivañez Huarcaya	National University of the Center of Peru	Estimation of the electrical generation power of an ORC module using the geothermal potential of the production water of lot 95 operated by PetroTal in Peru

9	Michał Korzec, Aneta Aneta Sapińska-Śliwa	AGH University of Science and Technology, Poland	Investigation about Combatting Naphthenate Fouling in Oil and Gas Facilities
10	Paweł Imilkowski, Jarosław Markowski	Poznań University of Technology	Strategy for managing the flow of the gaseous medium in the measuring chamber of the gas calorimeter in order to reduce the gas temperature at the measuring point
11	Xymena Badura; Katarzyna Styszko	Oil and Gas Institute – National Research Institute, Kraków AGH University of Science and Technology, Kraków	Simulation and Determination of Crude Oil Fouling in Laboratory Tests
11	Grzegorz Czerski, Katarzyna Śpiewak, Piotr Soprych	AGH University of Science and Technology, Faculty of Energy and Fuels, Cracow, Poland	Thermovolumetric examinations of steam gasification of tire char supported by catalyst based on biomass ashes
12	Emanuel Smołucha, Michał Małosz, Karolina Kolarz, Katarzyna Moskalewicz, Karolina Korż, Daniel Kaleta, Filip Pielą	AGH University of Science and Technology, Faculty of Energy and Fuels, Cracow, Poland (student research group)	Process of obtaining diesel substitute through plastic pyrolysis using hydrogen from coke oven gas - material and energy balance
13	Marcelina Bury, Tadeusz Dziok	AGH University of Science and Technology, Faculty of Energy and Fuels, Cracow, Poland	Content of ecotoxic elements in the main fractions of municipal solid waste
15	Boyang Fu, Andrzej Kulka, Bo Wang, Konrad Świerczek	AGH University of Science and Technology, Faculty of Energy and Fuels, Cracow, Poland	Operando XRD studies and electrochemical properties of the Ni-rich $\text{Li}_{1.05}\text{Ni}_{0.905}\text{Co}_{0.043}\text{Al}_{0.052}\text{O}_2$ layered cathode material for the next generation Li-ion batteries
16	Katarzyna Lejda, Weronika Pazdyk, Honorata Osip Cezary Czosnek	AGH University of Science and Technology, Faculty of Energy and Fuels, Cracow, Poland	Preparation of porous silicon carbide for energy applications

17	Bartosz Adamczyk, Magdalena Dudek, Hassan Ali	AGH University of Science and Technology, Faculty of Energy and Fuels, Cracow, Poland Centre of Polymer Systems, Tomas Bata University in Zlin	Direct waste biomass solid oxide fuel cells
18	Hassan Ali, Milan Masar, Muhammad Yasir, Fahanwi Asabuwa Ngwabebhoh, Oyunchimeg Zandraa, Tomas Sopik, Michal Machovsky, Ivo Kuritka	Centre of Polymer Systems, Tomas Bata University in Zlin	Silica Supported Visible Light Active Graphitic Carbon Nitride (G-C3n4) Photocatalyst for Estrogenic Hormones Removal And Antibacterial Activity
19	Marek Inger, Monika Ruszak, Jakub Rajewski, Magdalena Saramok, Artur Olszak, Paweł Capała, Wojciech Kowalik, Marcin Wilk	Łukasiewicz Research Network – New Chemical Syntheses Institute, Al. Tysiąclecia Państwa Polskiego 13a, 24-110 Puławy, Poland	Industrial implementation of high-temperature nitrous oxide decomposition technology in nitric acid plants
20	Bogdan Samojeden, Agnieszka Mastalerz-Świdarska, Dorota Duraczyńska, Monika Motak	AGH University of Science and Technology, Al. Mickiewicza 30, 30-059 Kraków, Poland Jerzy Haber Institute of Catalysis and Surface Chemistry, Niezapominajek 8, 30 239 Kraków, Poland	Application of modified vermiculites as catalysts in DeNOx
21	Dorota Makowska, Ewa Barglik	AGH University of Science and Technology, Al. Mickiewicza 30, 30-059 Kraków, Poland	Assessment of chlorine, sulphur and alkali compounds content in sewage sludge in terms of its thermal utilisation
22	Katarzyna Góralska, Justyna Pyssa	INTERMAG Sp. Z O.O., Al. 1000-Lecia 15G, 32-300 Olkusz AGH University of Science and Technology, Al. Mickiewicza 30, 30-059 Kraków, Poland	Phytoremediation of post-industrial areas on the example of zinc heap Z.G. "TRZEBIONKA"

23	Katarzyna Styszko, Justyna Durak	AGH University of Science and Technology, Al. Mickiewicza 30, 30-059 Kraków, Poland	Determination of monohydroxylated metabolites of PAHs in wastewater
24	Danuta Olszewska	AGH University of Science and Technology, Al. Mickiewicza 30, 30-059 Kraków, Poland	Secondary use of carbon filters used to purify water
25	Maciej Żyrkowski, Krzysztof Szczepanek, Bogdan Samojedon, Monika Motak	AGH University of Science and Technology, Al. Mickiewicza 30, 30-059 Kraków, Poland PGE Energia Ciepła S.A., ul. Ciepłownicza 1, 31-587 Kraków, Poland;	Examination of commercial V2O5-WO3/TiO2 catalysts for SCR application: laboratory tests and deactivation mechanisms
26	Elżbieta Vogt, Karolina Topolska	AGH University of Science and Technology, Al. Mickiewicza 30, 30-059 Kraków, Poland	Hydrophobization of diatomaceous earth used to remove oil pollutants
27	P. Kowalik, E. Franczyk, K. Antoniak-Jurak, W. Próchniak, R. Bicki, K. Michalska, A. Mrozek, P. Baran, M. Rodak-Goryl, R. Karaś	Łukasiewicz Research Network – New Chemical Syntheses Institute, Al. Tysiąclecia Państwa Polskiego 13a, 24-110 Puławy, Poland Grupa Azoty S.A., ul. Kwiatkowskiego 8, 33-101 Tarnów	Novel catalyst for more efficient H₂ production via water-gas shift
28	Seweryn ŚWINIARSKI, Dariusz SZTAFROWSKI, Magdalena Dudek	Wroclaw University of Science and Technology AGH University of Science and Technology, Cracow, Poland	Autonomous charging station for electric vehicles powered by renewable energy sources