

**Rating of research project submitted to the International Student Professional Creative Competition
“Agricultural Sciences and Food” in Agroengineering (I round II stage)**

№	IHE, country	Project title	Authors	Academic advisor(s)	GPA
1	2	3	4	5	6
1.	Sumy State University (Ukraine)	Design and technological support for the manufacture of laser engraving machine tool	Mykhailo Amelin	Ivanov Vitaly	98
			David Malimonenko	Pledge William	
2.	Mykolayiv National Agrarian University (Ukraine)	Ammonia as a fuel for tractor diesels	Maxim Shulgin	Valery Gavrish	96
3.	Sumy National Agrarian University (Ukraine)	The efficiency of sprayers in precision farming systems in the cultivation of crop products	Anton Polivany	Vladyslav Zubko	95
4.	State biotechnological university (Ukraine)	Improving the efficiency of agricultural machinery by processing parts with a pulsed magnetic field	Roman Chorniy	Mykola Kundenko	94,5
5.	Lviv National Agrarian University (Ukraine)	Project for improvement of the device for fruit stones removal	Ihor Horodetskyj	Ruslan Humeniuk	93,5
			Vitalii Shurak	Volodymyr Burtak	
6.	State biotechnological university (Ukraine)	Investigation of oscillations of the rear half- frame in the vertical plane of the KhTZ- 242K tractor	Ignat Maimulin	Ivan Halych	93
7.	Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine)	Obtaining the prospects for improving the energy efficiency of the larry springs motor based on the results of the analysis of both mathematical and physical models	Tymofii Lukianov	Viacheslav Prus	92,5
			Denis Pavlenko		

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8.	Dnipro State Technical University (Ukraine), Integral University (India)	Use of induction motors with phase rotor in modes of asynchronous synchronous machines.	Victoria Logvinova	Yuriy Shramko	92
			Arbaz Khan	Amit Kumar Goe	
9.	National University of Life and Environmental Science of Ukraine (Ukraine)	Analysis of the influence of geometric parameters of engine body parts on post-repair reliability	Olga Dubrovina	Alexander Bistriy	91
				Andrey Novitsky	
10.	Kharkov National Automobile and Highway University (Ukraine)	Estimation of increase of energy efficiency of mobile cars at rational decrease in engine power	Alexey Kasyanenko	Mikhail Podrigalo	90
11.	Sumy State University (Ukraine), Poznan Polytechnic University (Poland)	Development of a digital model and the assembling process of a lathe	Maxim Besedin	Vitaly Ivanov	88
			Marta Popovska	Justina Troyanovska	
12.	Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine), Mykolayiv National Agrarian University (Ukraine)	Diagnosis and monitoring of the induction motor state based on its thermal model	Ihor Voitenko	Syoma Alexander	87
			Alexander Vakhna	Olena Baranova	
13.	Dmytro Motorny Tavriya State Agrotechnological University (Ukraine)	Justification of the dispenser parameters for adding dry preservative to plant raw materials	Bolodymyr Motorin	Dmytro Milko	86

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14.	Separate department of the National university of bioresources and nature management of Ukraine "Nizhyn agrotechnical institute" (Ukraine)	Development of transport and production process during transportation of food products (milk) in the conditions of PJSC "Chernihiv Dairy Plant"	Vladyslav Khrystyuk	Ilhom Mahmudov	85
15.	Mykolayiv National Agrarian University (Ukraine)	Development of the plow rotation mechanism with substantiation of its design parameters	Kristina Tsvetkova	Vasyl Gruban	84
16.	National university of water and environmental engineering (Ukraine), State higher Vocational school in chelm (Poland)	The research of the process of scarification of seeds and technical means for its implementation	Oleksandr Tkachuk	Oleh Bundza	83,5
			Mikhal Shevchuk	Jacek Cymerman	
17.	Kherson Educational-Scientific Institute of Admiral Makarov (Ukraine), Vinnytsia national agrarian university (Ukraine) National University of Shipbuilding (KESI NUS, Kherson)	Use of generator gas to improve the environmental performance of the tractor engine	Dmytro Nekryach	Roman Avdyunin	83
			Angelina Kozlan	Svetlana Lutkovskaya	

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18.	Integral University (India), Mykolayiv National Agrarian University (Ukraine)	Development of an electric discharge installation for the preparation of organo-mineral fertilizers in the liquid state	Ananya Saluja	Amit Kumar Goe	82,5
			Andriy Hnatyuk	Dmitro Koshkin	
19.	ISMA University of Applied Sciences (Latvia), Kharkov National Automobile and Highway University (Ukraine)	Substantiation of the method of modification to strengthen polymer composite materials used in repair technologies for 3D printing of parts of agricultural machinery	Dionisii Bielientsov	Viktoriia Riashchenko	82
			Sergey Frolov	Vitaly Shein	
20.	Admiral Makarov National University of Shipbuilding (Ukraine)	Restoration and strengthening of parts of port transshipment equipment as part of the agro-industrial complex, by applying cermet	Maxim Solomakha	Maxim Bobrov	81
				Ivan Biliuk	
21.	Dnipro State Technical University (Ukraine)	Improving the modes of operation of drives with induction resistances	Alexander Shurupov	Sergey Kolichev	80
22.	Mykolayiv National Agrarian University (Ukraine)	Analysis of machine designs for mineral fertilizers	Vadim Bondar	Mikita Khramov	78
23.	Kharkov National Automobile and Highway University (Ukraine)	Investigation of elastic-plastic properties of polymeric materials for repair and modernization of agricultural machinery, formed by heat treatment in FDM-technologies	Ivan Dudko	Yurij Dudukalov	77

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24.	Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine), Mykolayiv National Agrarian University (Ukraine)	Research of the valve electric motor as a part of the highly dynamic electric drive	Anton Chernov	Alyona Nikitina	74
			Denis Vorona	Aleksey Sadovoy	
25.	Kherson Educational-Scientific Institute of Admiral Makarov (Ukraine) National University of Shipbuilding (KESI NUS, Kherson)	Improving the environmental safety of transport diesels through catalytic neutralization	Andrey Chelpanov	Vitaly Maximov	73
				Maxim Pyrisunko	
26.	Admiral Makarov National University of Shipbuilding (Ukraine)	Modernization of electric arc sprayer to obtain composite electric arc coatings for parts of agricultural machinery	Ana Kondratieva	Anton Karpechenko	72,5
				Oleg Savenkov	
27.	Batumi Navigation Teaching University (Georgia), Mykolayiv National Agrarian University (Ukraine)	Development and optimization of the construction of the solar collector and distillator to provide the water distillation process	Volodymyr Tsivka	Andrey Labartkova	72
			Stanislav Lobchuk	Larisa Vakhonina	
28.	State biotechnological university (Ukraine)	Improving the efficiency of the tractor by developing a dynamometer	Bayduzhyy Vladyslav	Roman Antoshchenkov	71,5
29.	Sumy State University (Ukraine), Technical University of Kosice (Slovakia)	Simulation of the round plunge grinding	Dmitry Makarenko	Artem Yevtukhov	71
			Petit Damian	Michal Gatala	

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30.	Mykolayiv National Agrarian University (Ukraine)	Autotractor diesel with thermochemical heat recovery	Ivan Varfolomiev	Volodymyr Martynenko	70,5
			Rustam Nor		
31.	Technical University of Košice (Slovakia), Mykolayiv National Agrarian University (Ukraine)	Methods of improving the energy-saving electric drive system of a battery electric car	Jakub Probala	Botko František	70
			Vladislav Kurchenko	Pavlo Polyansky	
32.	ISMA University of Applied Sciences (Latvia), Kherson Educational-Scientific Institute of Admiral Makarov National University of Shipbuilding (Ukraine)	Study of engine exhaust gas recirculation to improve environmental performance and fuel economy	Alexander Moses	Olena Chaiko	69,5
			Vladyslav Nyukhyn	Denis Shalapko	
33.	Sumy National Agrarian University (Ukraine)	Study of efficiency of post-collection soil treatment after sunflower	Ruslan Nakonechny	Marina Mikulina	69
34.	Admiral Makarov National University of Shipbuilding (Ukraine)	Improving the performance of diesel engines by ozonation of charge air	Klepets Jan Volodymyrovych	Andrey Radchenko	68,5
				Roman Radchenko	
35.	Dnipro State Technical University (Ukraine)	Speed stabilization systems for mechanisms with variable load	Yegor Narushevich	Alexander Derets	68

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36.	University of Finance, Business and Entrepreneurship (Bulgaria), Mykolayiv National Agrarian University (Ukraine)	Development of electrotechnological installation for investigation of electroplasmolysis of fruits of agricultural cultures with microstructure analysis of cells	Oleg Voziyan	Igor Britchenko	67
			Sergey Gnatenko	Andrii Rudenko	
37.	Mykolayiv National Agrarian University (Ukraine)	Analysis of modern designs of machines for surface tillage	Anna Levchenko	Irina Sukovitsina	66,5
			Antonina Grigorenko		
38.	Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine), Mykolayiv National Agrarian University (Ukraine)	Development of power transformer monitoring system	Kyrylo Krutenko	Hennadii Rykov	66
			Alexander Pan	Yuriy Volosyuk	
39.	Technical University of Cluj-Napoca (Romania), Sumy State University (Ukraine)	Ensuring accurate characteristics of the pipe-piston installation	Husar Istvan	Pope Gregory Marian	65,5
			Andrey Kornienko	Julia Denisenko	
40.	Admiral Makarov National University of Shipbuilding (Ukraine)	Application of fiber concrete on special waterproofing cement in the agro-industrial complex on the example of floating marine structures	Evgenia Sergeeva	Nataly Solomonuk	65
				Tetyana Yuresko	

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41.	Kharkov National Automobile and Highway University (Ukraine), Mykolayiv National Agrarian University (Ukraine)	Stability of wheeled vehicles on slopes	Denis Ivanenko	Alexandr Polyansky	64,5
			Alexander Hustik	Pavlo Polyansky	
42.	University of Ljubljana (Slovenia)	Development of vibroacoustic diagnostics system of electric machines with structural defects	Alen Alič	Yevheniia Chebotarova	64
				Roman Manko	
43.	Jiangsu University of Science and Technology (China), Mykolayiv National Agrarian University (Ukraine)	Development of electrotechnological installation of vibration treatment of bulk environments in tanks	Yang Yikun	Sheng Lu	63
			Dmytro Nepomyaschie	Vitaly Mardziavko	
44.	Poznan Polytechnic University (Poland), Mykolayiv National Agrarian University (Ukraine)	Electromechanics treatments of details of agricultural of machines	Patrycja Łęt	Justina Troyanovska	62
			Nazarov Anatoliy	Ivanov Gennady	
45.	Pervomaisky Research and Training Institute of NUS (Ukraine)	Molds for castings	Natalia Bandurovskaya	Lilia Filipishina	61
46.	Central Ukrainian National Technical University (Ukraine)	Automation of preparation of design documentation of electrical switchgear	Konstantin Kozakov	Ivan Vasylenko	59
			Denis Pashkovsky		

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47.	Integral University (India), Zhejiang international maritime college (China)	Improving the reliability of the asynchronous motor of the electric drive of port transshipment equipment	Nazia	Amit Kumar Goe	58,5
			Zhao Qinwei	Liangyu Chen	
48.	Separate department of the National university of bioresources and nature management of Ukraine "Nizhyn agrotechnical institute" (Ukraine)	Improving traffic safety of pedestrians and pedestrians on the road section on Staropositova Street in the village of Nova Ushytsia, Khmelnytsky region	Maxim Bezruchenkov	Nadiya Sheiko	58
			Andrey Churin		
49.	Zhejiang international maritime college, Jiangsu University of Science and Technology (China)	Intensification of fiberglass curing processes	Wen Ya	Ivan Bilyuk	57,5
			Yi-Tong Liu	Liangyu Chen	
50.	Technical University of Košice (Slovakia)	Research and development of technology for strengthening brake pulleys by running rollers	Samuel Mikuláško	Franciszek Botko	57
			Martin Kondrát		
51.	Lviv National Agrarian University (Ukraine)	Project of repair of details of agricultural machines by welding	Helychak Vitalii	Sharybura Andrii	57
			Ivasiv Khrystyna	Levchuk Olexandr	
52.	Poznan Polytechnic University (Poland)	Investigation of the efficiency of the diesel engine of a traction tug on a mixture of ethanol	Agata Majchrzak	Justina Troyanovska	56,5
			Joanna Kiełbasiewicz		
53.	Jiangsu University of Science and Technology (China), Admiral Makarov National University of Shipbuilding (Ukraine)	Formation of functional plasma coatings with a complex of improved physical, mechanical and operational properties for agricultural machinery	Fang Yu	Sheng Lu	56
			Dmitry Chernov	Anton Karpechenko	

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54.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Unconventional fuel for power plants	Olga Akimenko	Mykola Komochkin	56
			Svetlana Komochkina		
55.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Improvement of safety during the operation of single-phase lines with a voltage of up to 1 kV	Bogdan Kostenko	Alexey Egorov	55,5
			Alexander Dryzhiruk		
56.	National University of Life and Environmental Science of Ukraine (Ukraine)	Increasing the durability of naralnyh soshniki sowing equipment	Eugene Osadchy	Andrey Novitsky	55
			Bogdan Litvinchuk	Igor Kharkov	
57.	Batumi Navigation Teaching University (Georgia)	Investigation of the impact of ozone on the storage and transportation of grain raw materials in port elevators	Ganja Eduard	Andrey Labartkova	54
			Oleg Gnenny		
58.	Lviv National Agrarian University (Ukraine)	Improvement of the project of agricultural crops harvesting	Roman Pryshliak	Vasyl Tymochko	53,5
			Roman Tkachuk	Ivan Horodetsky	
59.	Odessa National Academy of Food Technologies (Ukraine)	Mechanization of grain harvesting for modernization of threshing drum of KZS-9-1 combine harvester "Slavutych"	Sofa Lisnich's	Olga Kalaman	53,5
			Valentin Balykhin	Igor Savenko	
60.	National university of water and environmental engineering (Ukraine), State higher Vocational school in chelm (Poland)	Soil roller with a variety of effects on soils	Pavlo Mel'nyk	Mykola Holotyuk	53
			Iha Cymerman	Jacek Cymerman	
61.	Poznan Polytechnic University (Poland)	Improvement of the electric locomotive electric drive system with a fixed platform for cargo transportation on ships	Renata Szewczyk	Justina Troyanovsya	53
			Julia Małolepsza		

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62.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Development of a stand for maintenance of press connections of equipment	Vitaliy Kostyuk	Mykola Komochkin	52,5
			Tetyana Kalyna		
63.	Sumy National Agrarian University (Ukraine)	Research of quality indicators of treatment of soil with disc tools after maize for grai	Anton Malovanyi	Tetyana Khvorost	52,5
			Mykola Khomiak		
64.	Tashkent University of Agriculture (Uzbekistan)	Improving the efficiency of agricultural machine engines by adding ultrafine tin bronze powder to engine oil	Munirakhon Akhrorova	Dalia Kobeliva	52,5
			Kamoliddin Alikulov		
65.	Separate department of the National university of bioresources and nature management of Ukraine "Nizhyn agrotechnical institute" (Ukraine)	Management of automobile transportations of agricultural products in the conditions of ecological and economic constraints	Maksym Kulachok	Alexander Tolok	52
			Anatoly Hrynenko		
66.	National University of Life and Environmental Science of Ukraine (Ukraine)	Investigation of processes of working of lower-dynamic ball safety clutches with closed circular profiles of element parts	Olena Yoldych	Alexandra Trokhanyak	52
			Alexander Dovgiy	Alexander Banny	
67.	Lviv National Agrarian University (Ukraine)	Simulation of the injuries at the operation in animal farms	Volodymyr Khoma	Ivan Horodetsky	52
			Dmytro Shust	Ihor Mazur	
68.	Kyiv National Economic University named after Vadym Hetman (Ukraine)	Electromagnetic power and electricity losses under normal operating conditions of electrical equipment of the agro-industrial complex	Nikita Ponomarenko	Alexander Vostryakov	52
			Anastasia Gonchar	Mikhail Sagaidak	
69.	Admiral Makarov National University of Shipbuilding (Ukraine)	Optimization of porosity of lightweight elements	Dmitry Chernov	Serhiy Kopyyka	51,5
			Evgenia Sergeeva		

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70.	Pervomaisky Research and Training Institute of NUS (Ukraine)	Research of energy efficiency of the building heating system	Oleksandrivna Daria	Igor Tarasov	51,5
			Yuliya Dvulyt		
71.	State biotechnological university (Ukraine)	Improving the process of maintenance of fuel injectors of tractor engines	Yelyzaveta Borshch	Victor Kiss	51
			Tatiana Pogulyay		
72.	Technical University of Košice (Slovakia)	Research of elements of autonomous power supply system	Martin Piroh	Botko František	51
			Tomáš Sirotnák		
73.	University of Finance, Business and Entrepreneurship (Bulgaria)	Neural network control of electromechanical system	Sergey Fedorets	Igor Britchenko	51
			Gennady Slivenko		
74.	Kherson Educational-Scientific Institute of Admiral Makarov (Ukraine) National University of Shipbuilding (KESI NUS, Kherson)	Development and research of electric drive system of industrial manipulator	Alexander Balishev	George Yakimchuk	51
			Illya Nadtochiy		
75.	Sumy State University (Ukraine)	Increasing the load capacity of gears	Andrey Kornienko	Vitaly Ivanov	51
			Mykhailo Amelin	William Pledge	
76.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Analysis of the injection of electric motor navantage on the stability of ship's electric lines	Nikita Banakh	Alexey Egorov	50,5
			Maxim Berestovy		
77.	Dnipro State Technical University (Ukraine)	Investigation of electromagnetic compatibility of equipment with autonomous generation systems	Lyubov Bazarova	Eugene Khmelnytsky	50,5
			David Chugunov		
78.	Sumy National Agrarian University (Ukraine)	Study of the factors influencing qualitative indicators of work of pneumatic seeders	Volodymyr Hladenkyi	Serhii Sokolik	50
			Dmitry Klipatsky		

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79.	Zhejiang international maritime college (China)	Directions of further modernization of the energy-saving system of the electric drive of the accumulator electric car	Kan Xiaonan	Ivan Bilyuk	50
			Lu Kecheng		
80.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Improving the technical inspection of cars with the development of a stand for servicing rear axle gearboxes	Alexey Bevz	Mykola Komochkin	50
			Vitaliy Kuritsyn		
81.	Batumi Navigation Teaching University (Georgia)	Project of the refrigeration system of the port complex	Alexander Matviyuk	Andrey Labartkova	49,5
			Sergey Savchenko		
82.	Central Ukrainian National Technical University (Ukraine)	Investigation of existing variations of separators in port elevators with modification of the control branch	Oleg Darienko	Ivan Vasylenko	49,5
			Bogdan Rud		
83.	Kherson Educational-Scientific Institute of Admiral Makarov (Ukraine) National University of Shipbuilding (KESI NUS, Kherson)	Investigation of the effectiveness of engines of agricultural machines when using antifriction additives in motor oil	Dmitriy Okryach	Natalia Andrieieva	49
			Viktoriia Sokolik	Serhyi Maksimov	
84.	Tashkent University of Agriculture (Uzbekistan)	Increasing the service life of metal-polymer bearings of agricultural machinery due to plasma chemical treatment	Davronbek Abdunosirov	Dalia Kobeliva	49
			Kodirjon Abdurakhmanov		
85.	Poznan Polytechnic University (Poland)	Schematic and constructive decisions of improvement of elements of the electric drive of deep pump installation	Magdalena Kubiak	Justina Troyanovska	48,5
			Marta Kwinto		
86.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Use of new technologies to improve the efficiency and reliability of robotic electrical systems	Anastasia Martirosyants	Alexey Egorov	48
			Anastasia Martirosyants		

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87.	Jiangsu University of Science and Technology (China)	Improving the efficiency of gas turbines by applying heat-protective coatings	Si Caogang	Liangyu Chen	48
			Shan Cheng		
88.	Jiangsu University of Science and Technology (China), Admiral Makarov National University of Shipbuilding (Ukraine)	Mechanization of vegetable growing with modernization of vegetable seeder	Fang Yu	Sheng Lu	47,5
			Eugene Adamovich	Bobrov Maxim	
89.	Integral University (India), Zhejiang international maritime college (China)	Creating the optimal composition of the air environment	Sana Khanam	Amit Kumar Goe	47,5
			Cui Yiming	Liangyu Chen	
90.	University of Finance, Business and Entrepreneurship (Bulgaria)	Plastic deformation of details	Tetyana Grigorieva	Igor Britchenko	47
			Roman Rovinsky		
91.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Research and development of technology for running balls of parts of agricultural machinery	Victoria Savkova	Mykola Komochkin	47
			Vitaliy Derevyanchenko		
92.	Poznan Polytechnic University (Poland)	Research of dynamic modes of gas-diesel unit	Bartosz Kryczka	Trojanovska Justina	46,5
			Szymon Winiarski		
93.	Separate department of the National university of bioresources and nature management of Ukraine "Nizhyn agrotechnical institute" (Ukraine)	Management of automobile transportations of agricultural products in terms of biofuel production	Mykhailo Rybitsky	Lilia Savchenko	46,5
			Eugene Einbinder		

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94.	Lviv National Agrarian University (Ukraine)	Study of technological parameters of sprayer operation	Yaroslav Bezuhlyi	Oleh Krupych	46,5
			Vitalii Kotsiuba	Yaroslav Semen	
95.	Kharkov National Automobile and Highway University (Ukraine)	Ergonomic support of the tractor driver's workplace	Dmitry Zhuravel	Andrii Molodan	46
			Ivan Ryabushko		
96.	Pervomaisky Research and Training Institute of NUS (Ukraine)	Design and manufacture of self-propelled barge-platform of basalt-cement for transshipment of cereals	Alexey Korshomny	Viktor Oshovsky	46
			Prokhor Livinsky		
97.	State biotechnological university (Ukraine)	Improving the efficiency of loading and unloading of mineral fertilizers	Yuliya Kurylko	Ruslan Ridnyy	46
			Vadim Vlasenko		
98.	National university of water and environmental engineering (Ukraine)	Study of the efficiency of cultivator legs	Ivan Shcherba	Oleh Bundza	46
			Sergey Boyarchuk	Mykola Holotyuk	
99.	University of Finance, Business and Entrepreneurship (Bulgaria)	Automated design of single-phase asynchronous motors for agro-industrial complex	Vitaliy Ursa	Igor Britchenko	45,5
			Dmytro Amelin		
100.	Integral University (India), Zhejiang international maritime college (China)	Improving the efficiency of the device for freezing multicomponent mixtures	Eliza Zaidi	Amit Kumar Goe	45,5
			Yang Jiayi	Liangyu Chen	
101.	Zhejiang international maritime college (China)	Analysis of the elements of the autonomous power supply system of power plants	Gan Lin	Ivan Bilyuk	45
			Ge Xiwen		
102.	Pryazovskyi State Technical University (Ukraine)	Research of heat and mass transfer processes in the building of the type "botanical garden"	Olena Sidorenko	Victoria Gonchar	45
			Yuliya Drobot	Alexander Kalinin	

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103.	Central Ukrainian National Technical University (Ukraine)	Positional electric drive of ship mechanisms and devices based on collectorless engine	Anton Ovdychuk	Ivan Vasylenko	44,5
			Yuriy Rakulenko		
104.	National aviation university (Ukraine)	Studies of mechanisms affect the improvement of additives on the technological properties of gluten-free flour in the technology of unleavened bakery products	Karina Lisova	Tetiana Kniazieva	44
			Valeria Marchuk	Olena Kazanska	
105.	Technical University of Košice (Slovakia)	Research and development of technology for restoration of parts of power plants by electrospark treatment	Ján Vidumský	Botko František	43,5
			Adam Hronček		
106.	Sumy State University (Ukraine), Technical University of Košice (Slovakia)	Numerical simulation of a fixture for connecting rods machining	Parfentsev Ivan Sergeevich	Ivan Degtyarev	43
			Gabshtur Peter	Botko František	
107.	Kharkov National Automobile and Highway University (Ukraine)	Improving working conditions for maintenance and repair of tractors	Bystrov Denis	Yevgen Dubinin	42,5
			Kalyukh Andrey		
108.	Separate department of the National university of bioresources and nature management of Ukraine "Nizhyn agrotechnical institute" (Ukraine)	Development of transport process during transportation of dangerous goods in the conditions of Pereyaslav-Khmelnysky district	Yermolaev Maksym	Alexander Tolok	42
			Fedirko Vladislav		
109.	Sumy National Agrarian University (Ukraine)	Research of the factors influencing qualitative indicators of plowing	Surai Vadim	Serhii Sokolik	42
			Godzishch Denis		

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110.	National University of Life and Environmental Science of Ukraine (Ukraine)	Research of technical condition and increase of resource of details of hydraulic cylinders at restoration	Oleg Pashchynsky	Andrey Novitsky	42
			Mykola Yurchuk	Alexander Bistriy	
111.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Optimization of the design of a synchronous jet engine for ship power plants	Bogdan Kostenko	Alexey Egorov	41,5
			Vladislav Litvyak		
112.	Pryazovskyi State Technical University (Ukraine)	Оцінка навантажувальної здатності редукторів при перекосах валів зубчастих коліс машинних агрегатів	Kateryna Tormysheva	Anna Muterko	41,5
			Sergey Aksyuzov	Alexey Mints	
113.	Odessa National Academy of Food Technologies (Ukraine)	Improving energy efficient heating systems through the introduction of energy saving technologies for boilers	Anastasia Ignatenko	Irina Sedikova	41
			Natalia Maksymenko	Victoria Bondar	
114.	Jiangsu University of Science and Technology (China)	Improving the physical and mechanical properties of plasma coatings	Yang Yikun,	Liangyu Chen	41
			Zhou Jihao		
115.	Technical University of Košice (Slovakia)	Repair and increase of wear resistance of a ring of the diesel compressor by method of ionic nitriding	Marek Fedor	Botko František	40,5
			Róbert Ropovík		
116.	Batumi Navigation Teaching University (Georgia)	Development and research of a laser module for processing products and raw materials in the stream	Mykhailo Krot	Andrey Labartkova	40
			Sergey Dyatkov		
117.	University of Finance, Business and Entrepreneurship (Bulgaria)	Automated control system of the electric drive of the mechanism with fuzzy regulator	Maxim Mikhailovsky	Igor Britchenko	39,5
			Vitaliy Ursa		

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118.	Dnipro State Technical University (Ukraine)	Construction of emergency generator systems based on low-power synchronous machines	Yulian Minyailo	Victor Nizimov	39
			Karina Dekhtyar		
119.	National university of water and environmental engineering (Ukraine), State higher Vocational school in chelm (Poland)	Research of directions of ensuring the operability of the combine fleet of the farm	Sofiya Zaborovska	Olena Nalobina	39
			Lukasz Muzyka	Jacek Cymerman	
120.	University of the state fiscal service of ukraine (Ukraine)	International transportation technologies and customs clearance elements	Christina Filipina	Julia Kovalenko	39
			Ivanna Shapovaliuk		
121.	Zhejiang international maritime college (China)	Analysis and determination of damage sites of the tooth zone of stators of turbogenerators and electric machines	Ding Rui	Ivan Bilyuk	38,5
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122.	Integral University (India), Zhejiang international maritime college (China)	Analysis and development of ways to increase the export of products of grain enterprises of Ukraine by water	Avjeet Kaur	Amit Kumar Goe	38
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123.	Batumi Navigation Teaching University (Georgia)	Development of technology for passenger transportation by water transport to increase energy efficiency	Denis Sandetsky	Andrey Labartkova	37,5
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124.	Central Ukrainian National Technical University (Ukraine)	Comparison of technical level indicators of transformers and reactors with toroidal and radial magnetic conductors for their installation in cylindrical tubular shells of limited diameter of submersible pumps	Kashtalyan Nikita Andreevich	Ivan Vasylenko	37
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125.	Pervomaisky Research and Training Institute of NUS (Ukraine)	Development of epoxy binder composition for printing on 3D printer materials	Vadim Polyanny	Lilia Filipishina	37
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126.	Odessa National Academy of Food Technologies (Ukraine)	Development of heat and sound protection structures	Dmitry Chernyak	Denis Sedikov	37
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127.	Kyiv National Economic University named after Vadym Hetman (Ukraine)	Improving the vibroacoustic characteristics of machines and mechanisms of the agro-industrial complex through the use of innovative gears	Camomile Veronica Maximovna	Elena Shatilova	37
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128.	National University "Zaporizhzhia Polytechnic" (Ukraine)	Biofuels for marine power plants	Perveev Dmitry	Mykola Komochkin	36,5
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129.	O.M. Beketov National University of Urban Economy in Kharkiv (Ukraine)	Designing the rotor of an asynchronous motor with a method of achieving high energy performance	Maria Polischuk	Alexey Egorov	36
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131.	Pryazovskyi State Technical University (Ukraine)	Optimization of the choice of combustion process parameters for further simulation of the actual diesel duty cycle	Anastasia Kovtunenکو	Irina Korostova	36
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132.	Tashkent University of Agriculture (Uzbekistan)	Improving the efficiency of transport engines when using alcohol-based fuels	Nematov Bekhruz	Dalia Kobeliva	36
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133.	National university of water and environmental engineering (Ukraine)	Improving the efficiency of gears	Alexander Kostyuk	Oleh Bundza	35,5
			Vladislav Sheshukov	Mykola Holotyuk	
134.	Odessa National Academy of Food Technologies (Ukraine)	Technology of obtaining molds for the manufacture of parts of agricultural machinery	Mikhail Karayanov	Igor Savenko	35,5
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135.	Central Ukrainian National Technical University (Ukraine)	Investigation of the operation of controlled shunt reactors	Alexander Kunert	Ivan Vasylenko	35
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136.	Kherson Educational-Scientific Institute of Admiral Makarov (Ukraine) National University of Shipbuilding (KESI NUS, Kherson)	Improving the environmental friendliness of the car diesel engine on partial and ultra-low loads	Valentyn Buryatynskyi	Andrey Andreev	34,5
			Viktor Koval		
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138.	Pervomaisky Research and Training Institute of NUS (Ukraine)	Research of energy potential of boiler-house of agro-industrial complex	Maxim Samarin	Igor Tarasov	34
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