Таблиця 4. Наукові, науково-педагогічні працівники, які мають не менше п'яти наукових публікацій у періодичних виданнях, які на час публікації було включено до наукометричних баз Scopus або Web of Science

№ п.п.	Факультет	Кафедра	ПІП	Назва та реквізити публікації SCOPUS 2017	К-сть публікацій SCOPUS 2017
1	Факультет комп'ютерних інформаційних технологій	Кафедра інформаційно-обчислювальних систем і управління	Саченко Анатолій Олексійович	Energy-efficient method for controlling the transmitters power of wireless sensor network Kochan, V., Sachenko, A., Yatskiv, V., Kocha, O. 2017 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings 8100423, pp. 1117-1120 Reliability issues for a multi-version post-severe NPP accident monitoring system Kharchenko, V., Fesenko, H., Sachenko, A., Hiromoto, R.E., Kochan, V. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017 2,8095225, pp. 942-946 Information resources processing using linguistic analysis of textual content Su, J., Vysotska, V., Sachenko, A., Lytvyn, V., Burov, Y. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017 2,8095038, pp. 573-578 Multi-agent system of IT project planning Dunets, O., Wolff, C., Sachenko, A., Hladiy, G., Dobrotvor, I. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017 1,8095141, pp. 548-552 Convolutional neural network based solar photovoltaic panel detection in satellite photos Golovko, V., Bezobrazov, S.,	15

				Kroshchanka, A., (...), Komar, M., Karachka, A. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017 1,8094501, pp. 14-19	
				High performance adaptive system for cyber attacks detection Komar, M., Kochan, V., Dubchak, L., (...), Bezobrazov, S., Romanets, I. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017 2,8095208, pp. 853-858	
				Master level education in project management-The EuroMPM model Wolff, C., Olaso, J.R.O., Bushuyev, S., (...), Nuseibah, A., Mikhieieva, O. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017 2,8095205, pp. 836-842	
				Improving the data reliability of measurement and control modules for distributed information-measuring systems Kochan, R., Sachenko, A., Kochan, V., (...), Kochan, O., Kharchenko, V. 2017 2017 IEEE 37th International Conference on Electronics and Nanotechnology, ELNANO 2017 - Proceedings 7939806, pp. 523-526	
				Wireless sensor networks based on modular arithmetic Chen, J., Yatskiv, V., Sachenko, A., Su, J. 2017 Radioelectronics and Communications Systems 60(5), pp. 215-224	
				Modeling the wireless sensor networks using the error control scheme Sachenko, A., Yatskiv, V., Tsavolyk, T. 2017 2016 IEEE 3rd International Symposium on Wireless Systems within the IEEE International Conferences on Intelligent Data	

			Acquisition and Advanced Computing Systems, IDAACS-SWS 2016 - Proceedings 7805800, pp. 122-126 Smart data integration by goal driven ontology learning Chen, J., Dosyn, D., Lytvyn, V., Sachenko, A. 2017 Advances in Intelligent Systems and Computing 529, pp. 283-292 A shallow convolutional neural network for accurate handwritten digits classification Golovko, V., Egor, M., Brich, A., Sachenko, A. 2017 Communications in Computer and Information Science 673, pp. 77-85 Intelligent cyber defense system using artificial neural network and immune system techniques Komar, M., Sachenko, A., Bezobrazov, S., Golovko, V. 2017 Communications in Computer and Information Science 783, pp. 36-55 NPP post-accident monitoring system based on unmanned aircraft vehicle: Reliability models Kharchenko, V., Yastrebenetsky, M., Fesenko, H., Sachenko, A., Kochan, V. 2017 Nuclear and Radiation Safety 4(76), pp. 50-55 NPP post-accident monitoring system based on unmanned aircraft vehicle: Concept, design principles Sachenko, A., Kochan, V., Kharchenko, V., (...), Fesenko, H., Yanovsky, M. 2017 Nuclear and Radiation Safety 1(73), pp. 24-29	
2	Факультет комп'ютерних інформаційних технологій	Кафедра комп'ютерних наук	Дивак Микола Петрович	Method of parametric identification for interval discrete dynamic models and the computational scheme of its implementation Dyvak, M., Porplytsya, N., Maslyak, Y., Shynkaryk, M. 2018 Advances in Intelligent Systems and Computing 689, pp. 101-112	10

| | | | | Clustering and interval analysis of heterogeneous data sample Dyvak, M., Maslyiak, Y., Papa, O., Savka, N. 2017 Proceedings of the 12th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2017 1,8098843, pp. 528-532

Improving the computational implementation of the parametric identification method for interval discrete dynamic models Dyvak, M., Porplytsya, N., Borivets, I., Shynkaryk, M. 2017 Proceedings of the 12th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2017 1,8098844, pp. 533-536

Using a neural network with radial basis functions for task of recurrent laryngeal nerve monitoring based on electrophysiological approach Dyvak, M., Pukas, A., Maslyiak, Y., Stakhiv, P., Cegielski, M. 2017 Proceedings of 2017 18th International Conference on Computational Problems of Electrical Engineering, CPEE 2017 8093088

Emulation of programming environment for single-board computer Raspberry Pi at Monitoring the recurrent laryngeal nerve Dyvak, M., Tymets, V. 2017 2017 13th International Conference Perspective Technologies and Methods in MEMS Design, MEMSTECH 2017 - Proceedings 7937527, pp. 35-37

The method of providing of functional suitability of elements of the device of formation of signal in electrophysiological way of classification tissues surgical wound Krepych, S., Dyvak, A., Dyvak, M., Spivak, I. 2017 2017 13th International Conference Perspective Technologies and Methods in MEMS Design, MEMSTECH 2017 - Proceedings 7937562, pp. 183-186

Method for detection of non-relevant and wrong information based on content analysis of web resources Kovbasistyi, A., | |

					Melnyk, A., Dyvak, M., Brych, V., Spivak, I. 2017 2017 13th International Conference Perspective Technologies and Methods in MEMS Design, MEMSTECH 2017 - Proceedings 7937555, pp. 154-156	
					Method of mediated assessment contaminated soils by vehicles emissions using interval discrete models Dyvak, M., Darmorost, I., Porplytsya, N., Shpintal, M. 2017 2017 14th International Conference The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2017 - Proceedings 7916081, pp. 43-45	
					Modified artificial bee colony algorithm for structure identification of models of objects with distributed parameters and control Dyvak, M., Porplytsya, N., Maslyiak, Y., Kasatkina, N. 2017 2017 14th International Conference The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2017 - Proceedings 7916083, pp. 50-54	
					Mathematical models of informative characteristic of tissues in surgical wound at monitoring the recurrent laryngeal nerve by electrophysiological method Dyvak, M., Pukas, A., Padletska, N., Shidlovsky, V., Dyvak, A. 2017 2017 14th International Conference The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2017 - Proceedings 7916074, pp. 8-12	
					Mathematical model in task of recurrent laryngeal nerve identification by electrophysiological method | [Model matematyczny w zagadnieniu identyfikacji nerwu krtaniowego wstecznego na podstawie metody elektrofizjologicznej] Dyvak, M., Pukas, A., Melnyk, A., Klos-Witkowska, A., Karpinski, M. 2017 Przeglad Elektrotechniczny 93(12), pp. 266-270	

| 3 | Факультет комп'ютерних інформаційних технологій | Кафедра інформаційно-обчислювальних систем і управління | Кочан Володимир Володимирович | Energy-efficient method for controlling the transmitters power of wireless sensor network Kochan, V., Sachenko, A., Yatskiv, V., Kocha, O. 2017 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings 8100423, pp. 1117-1120

Thermocouple with adjustable error Kochan, O., Kochan, R., Kochan, V., Su, J. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017 2,8095178, pp. 684-689

Reliability issues for a multi-version post-severe NPP accident monitoring system Kharchenko, V., Fesenko, H., Sachenko, A., Hiromoto, R.E., Kochan, V. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017 2,8095225, pp. 942-946

Researching robustness of information system for measuring of microcontrollers average power consumption Osolinskiy, O., Kochan, O., Winiecki, W., (...), Kochan, V., Grzeszczyk, K. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017 2,8095165, pp. 612-616

High performance adaptive system for cyber attacks detection Komar, M., Kochan, V., Dubchak, L., (...), Bezobrazov, S., Romanets, I. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017 2,8095208, pp. 853-858 | 8 |

				Improving the data reliability of measurement and control modules for distributed information-measuring systems Kochan, R., Sachenko, A., Kochan, V., (...), Kochan, O., Kharchenko, V. 2017 2017 IEEE 37th International Conference on Electronics and Nanotechnology, ELNANO 2017 - Proceedings 7939806, pp. 523-526 NPP post-accident monitoring system based on unmanned aircraft vehicle: Reliability models Kharchenko, V., Yastrebenetsky, M., Fesenko, H., Sachenko, A., Kochan, V. 2017 Nuclear and Radiation Safety 4(76), pp. 50-55 NPP post-accident monitoring system based on unmanned aircraft vehicle: Concept, design principles Sachenko, A., Kochan, V., Kharchenko, V., (...), Fesenko, H., Yanovsky, M. 2017 Nuclear and Radiation Safety 1(73), pp. 24-29	
4	Факультет комп'ютерних інформаційних технологій	Кафедра кібербезпеки	Яцків Василь Васильович	Improvement of data transmission reliability in wireless sensor networks on the basis of residue number system correcting codes using the special module system Yatskiv, V., Tsavolyk, T. 2017 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings 8100376, pp. 890-893 Energy-efficient method for controlling the transmitters power of wireless sensor network Kochan, V., Sachenko, A., Yatskiv, V., Kocha, O. 2017 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings 8100423, pp. 1117-1120 Specialized computer based real time road signs recognition system for vehicles Segin, A., Yatskiv, V., Davletova, A. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS	6

				2017 1,8095120, pp. 441-445 Wireless sensor networks based on modular arithmetic Chen, J., Yatskiv, V., Sachenko, A., Su, J. 2017 Radioelectronics and Communications Systems 60(5), pp. 215-224 The correcting codes formation method based on the residue number system Yatskiv, V., Tsavolyk, T., Yatskiv, N. 2017 2017 14th International Conference The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2017 - Proceedings 7916124, pp. 237-240 Modeling the wireless sensor networks using the error control scheme Sachenko, A., Yatskiv, V., Tsavolyk, T. 2017 2016 IEEE 3rd International Symposium on Wireless Systems within the IEEE International Conferences on Intelligent Data Acquisition and Advanced Computing Systems, IDAACS-SWS 2016 - Proceedings 7805800, pp. 122-126	
5	Факультет комп'ютерних інформаційних технологій	Кафедра комп'ютерної інженерії	Березький Олег Миколайович	Access distribution in automated microscopy system Berezsky, O., Dubchak, L., Pitsun, O. 2017 2017 14th International Conference The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2017 - Proceedings 7916125, pp. 241-243 Computer diagnostic tools based on biomedical image analysis Berezsky, O., Pitsun, O., Verbovyy, S., Datsko, T., Bodnar, A. 2017 2017 14th International Conference The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2017 - Proceedings 7916157, pp. 388-391 Development of models and means of the server part of the system for passenger traffic registration of public transport in the "smart" city Boreiko, O., Teslyuk, V., Zelinskyy, A.,	5

				Berezsky, O. 2017 EasternEuropean Journal of Enterprise Technologies 1(2-85), pp. 40-47	
				Development of a metric and the methods for quantitative estimation of the segmentation of biomedical images Berezsky, O., Zarichnyi, M., Pitsun, O. 2017 EasternEuropean Journal of Enterprise Technologies 6(4-90), pp. 4-114	
6	Факультет комп'ютерних інформаційних технологій	Кафедра комп'ютерної інженерії	Дубчак Леся Орестівна	Fuzzy knowledge base for diagnosing breast cancer pathological processes Dubchak, L., Verbovyy, S., Berezska, K., Datsko, T. 2017 Proceedings of the 12th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2017 1,8098731, pp. 36-39 High performance adaptive system for cyber attacks detection Komar, M., Kochan, V., Dubchak, L., (...), Bezobrazov, S., Romanets, I. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017 2,8095208, pp. 853-858 Tasks distribution for students testing based on fuzzy logic Vasylkiv, N., Dubchak, L., Lendyuk, T., (...), Shylinska, I., Aleksander, M. 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017 1,8095043, pp. 26-29 Access distribution in automated microscopy system Berezsky, O., Dubchak, L., Pitsun, O. 2017 2017 14th International Conference The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2017 - Proceedings 7916125, pp. 241-243	5

| | | | | Access distribution scheme to the computer system based on fuzzy logic Shaikhanova, A., Zolotov, A., Dubchak, L., Karpinski, M., Karpinskyi, V. 2017 Mechanisms and Machine Science 42, pp. 39-501 | |

6

П14