

Research/teacher profile of a person

Date of last update 31/12/2021

I. Basic information	
I.1 Surname	Koraus
I.2 Name	Antonin
I.3 Degrees	prof., Ing., PhD., LL.M., MBA
I.4 Year of birth	1955
I.5 Name of the workplace	Department of Informatics and Management
I.6 Address of the workplace	Academy of the Police Force in Bratislava, Sklabinská 1, 835 17 Bratislava
I.7 Position	Professor
I.8 E-mail address	antonin.koraus@minv.sk antonin.koraus@akademiapz.sk
I.9 Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/17
I.10 Name of the study field in which a person works at the university	Security Sciences
I.11 ORCID iD	https://www.portalvs.sk/regzam/detail/17

II. Higher education and further qualification growth			
	II.a Name of the university or institution	II.b Year	II.c Study field and programme
II.1 First degree of higher education	-	-	-
II.2 Second degree of higher education	University of economy Bratislava Slovakia	1979	Economy - management
II.2a Rigorous procedure			
II.3 Third degree of higher education	University of economy Bratislava Faculty of Commerce, International Trade Department	1997	International Trade
II.4 Associate professor	University of economy Prešov Faculty of management	2014	Management
II.5 Professor	Academy of the Police Force in Bratislava	2019	Security sciences
II.6 Doctor of Science (D.Sc.)	-	-	-
II.7 Further education	Instutio iuris et iurisprudantiae Prague, Czech Republic	2011	MBA
	Instutio iuris et iurisprudantiae Prague, Czech Republic	2013	LLM

III. Current and previous employment		
III.a Occupation-position	III.b Institution	III.c Duration
University teacher	Academy of the Police Force in Bratislava	2018 Associate Professor 2019- present Professor
Dean	Faculty of Economy and Entrepreneurship at Paneuropean University, Bratislava	2016 - 2018
Adviser	National Council of the Slovak Republic	2012 - 2018
Chief Financial Officer	Ministry of Environment of Slovak Republic	2011 - 2012

CEO, Chairman of Board	Europeum a.s. Prague, Czech Republic	2002 - 2011
CEO	Transpetrol Trading, a.s. Bratislava	1998 - 2002
Head Director of Strategy and Marketing, Member of Board	Czechoslovak trade bank (member of KBC Belgium) Bratislava	1993 - 1998
Head Director of Strategy and Marketing, Member of Board	Slovak savings bank Head office Bratislava Slovakia	1989 - 1993
	Until this period, work on DG OD PRIOR and IMPEX PZO (foreign trade)	

IV. Development of pedagogical, professional, language, digital and other skills

IV.a Activity description, course name, other	IV.b Name of the institution	IV.c Year
Courses: - Security management – Business Continuity Manager - Security management – Ethical Hacker Foundation - Management of risk – Foundation - Management of risk – Practitioner - Cyber Security – Resilia Foundation - Cyber Security – Resilia Intro	Tayllorcox - ATO (Accredited Training Organisation)	2017

V. Overview of activities within the teaching career at the university

V.1 Overview of the profile courses taught in the current academic year according to study programmes

V.1a Name of the profile course	V.1b Study programme	V.1c Degree	V.1d Field of study
Management	Security and Legal Services in Public Administration	1.	Security Sciences
Management 1	Security and Legal Protection of Persons and Property	2.	Security Sciences

V.2 Overview of the responsibility for the delivery, development and quality assurance of the study programme or its part at the university in the current academic year

V.2a Name of the study programme	V.2b Degree	V.2c Field of study
Security and Legal Protection of Persons and Property	1., 2., 3.	Security Sciences

V.3 Overview of the responsibility for the development and quality of the field of habilitation procedure and inaugural procedure in the current academic year

V.3a Name of the field of habilitation procedure and inaugural procedure	V.3b Study field to which it is assigned

V.4 Overview of supervised final theses

	V.4a Bachelor's (first degree)	V.4b Diploma (second degree)	V.4c Dissertation (third degree)
V.4.1 Number of currently supervised theses	4	1	0

V.4.2 Number of defended theses	18	132	6		
V.5 Overview of other courses taught in the current academic year according to study programmes at the Academy of the Police Force in Bratislava					
V.5a Name of the course	V.5b Study programme	V.5c Degree	V.5d Field of study		
Management Methods and Techniques	Security and Legal Protection of Persons and Property Security and Legal Protection in Public Administration	2.	Security Sciences		
V.6 Overview of other courses according to study programmes for the last six years at the Academy of the Police Force in Bratislava					
V.6a Name of the course	V.6b Study programme	V.6c Degree	V.6d Field of study		
Management	Security and Legal Protection of Persons and Property	1.	Security Sciences (until 2019 titled Protection of Persons and Property)		
Management	Security and Legal Protection in Public Administration	1.	Security Sciences (until 2019 titled Protection of Persons and Property)		
Management Methods and Techniques	Security and Legal Protection of Persons and Property	2.	Security Sciences (until 2019 titled Protection of Persons and Property)		
Management Methods and Techniques	Security and Legal Protection in Public Administration	2.	Security Sciences (until 2019 titled Protection of Persons and Property)		
Information management	Security and Legal Protection in Public Administration	2.	Security Sciences (until 2019 titled Protection of Persons and Property)		
Strategic management	Security and Legal Protection of Persons and Property	3.	Security Sciences (until 2019 titled Protection of Persons and Property)		
Strategic management	Security and Legal Protection in Public Administration	3.	Security Sciences (until 2019 titled Protection of Persons and Property)		
V.7 Overview of other courses taught in further specialised education¹					
V.7a Name of the course/training	V.7b Study programme	V.7c Degree	V.7d Institution	V.7e Field of study	V.7f Year
Police Management Training Course	-	-	Presidium of the Police Force	-	2019 - present
V.8 The most significant pedagogical activity at other universities (maximum of five)					
V.8a Name of the course/training	V.8b Study programme	V.8c Degree	V.8d Institution	V.8e Field of study	V.8f Year
Business in practice	Economics and management of international business	2.	Faculty of Economy and Entrepreneurship at Paneuropean University, Bratislava	economy and management	2016 - 2018
Current problems of	Economics and	3.	Faculty of Economy	economy and	2016 - 2018

¹ The courses listed in this category are listed in connection with the system of lifelong learning, which the scientific and pedagogical employees of the Academy of the Police Force in Bratislava implement with the entities of the Ministry of Interior of the Slovak Republic and other entities of the security administration.

economic theory	management of international business		and Entrepreneurship at Paneuropean University, Bratislava	management	
International finance	Economics and management of international business	3.	Faculty of Economy and Entrepreneurship at Paneuropean University, Bratislava	economy and management	2016 - 2018
Current problems of international business	Economics and management of international business	3.	Faculty of Economy and Entrepreneurship at Paneuropean University, Bratislava	economy and management	2016 - 2018
Selected aspects of psychology	Information security	2.	Faculty of Informatics and Information Technologies Slovak University of Technology in Bratislava	Information security	2019 - present

VI. Profile of the quality of research/other outputs (overview of the research/other outputs and corresponding citations)

VI.1 Overview of the research/other outputs and the corresponding citations		
	VI.1a Overall	VI.1b Over the last six years
VI.1.1 Number of the research/other outputs	251	45
A+	42	32
A	71	4
A-	75	9
B	63	-
C	-	-
VI.1.2 Number of the research/other outputs registered in the Web of Science or Scopus databases	32	32
VI.1.3 Number of citations corresponding to the research/other outputs	518	364
VI.1.4 Number of citations registered in the Web of Science or Scopus databases	238	233
VI.1.5 Number of invited lectures at the international/national level	7/6	6/4
VI.1.6 Number of projects granted for the funding of research	-	-
VI.2 The most significant research/other outputs (maximum of five)		
1.	<p>AAB</p> <p>KORAUŠ, Antonín [100 %]. Marketing in the financial sector. Reviewers: Igor Kosír ... [et al.]. 1st ed. Bratislava : Sprint 2, 2015. 512 s. Economics. ISBN 978-80-89710-02-7.</p> <p>The mentioned scientific monograph is included in the AAB category by the Economic Library of the University of Economics in Bratislava and brings a comprehensive view of the financial sector from a strategic and marketing aspect. It also highlights security threats and risks from a local as well as a global perspective. The scientific monograph is published in English in 512 pages. The complexity and extraordinary scientific contribution is emphasized not only by reviewers, opponents in reviews but also by reviews in domestic and foreign professional and scientific journals, which emphasizes the national but especially the international importance of the scientific monograph. With its originality, breadth of content, complexity and unique connection of the author's theory and practical experience, the monograph is suitable not only for the general scientific and professional public but also for use for university and university studies both at home and abroad. This fact is evidenced by the fact that it is currently located in the libraries of universities in more than 40 countries. Specifically, the scientific monograph is, for example, in the Marshall Library at Cambridge University, Baghdad University in Iraq, four universities in Finland, Israel and Ireland, China's oldest Tianjin University, Turkey, Egypt, Libya, France, South Korea, USA, Latvia, Russia, Taiwan, Greece, Croatia, Armenia, Japan, the Czech Republic and other countries. However, this does not end the calculation of countries, as the publication gradually reaches the libraries of world universities in other countries. This also results in a large number of responses at home and abroad.</p> <p>The scientific monograph was awarded the Sprint Two prize in 2016 for its merits and significant contribution to the creation of original Slovak professional literature and especially for its high professional level, invention and contribution to the theoretical and practical platform presented in the scientific work. According to the criteria of the Scientific Board of the Academy of the Police Force in Bratislava determining the segmentation of outputs, this is a scientific monograph, which has an objective meaning in several countries not only in the</p>	

	same region, which is why the author classified the scientific monograph in category A +.
2.	<p>AAB</p> <p>FERIANC, Ján - KORAUŠ, Antonín - BUČEK, Milan. Makroekonomická stratégia prechodu na trhovú ekonomiku : Konkurencieschopnosť, bankovníctvo, Slovensko a Európska únia. Ved. red. Milan Buček. 1. vyd. Bratislava : Sprint, 1997. 237 s. Nová ekonómia. ISBN 80-88848-13-X.</p> <p>The scientific monograph is the first comprehensive work in this field. At the time of publication, a prominent Slovak economist and university teacher prof. J. Ferianc in collaboration with A. Korauš published a very remarkable scientific work focusing on strategic thinking, macroeconomic regulation in the transformation process, a new type of competitiveness, symmetric roots of money and the feedback function of the real and monetary economy, banking and financing in Slovakia and the EU as and other important contexts in this area. Professor Ferianc did not live to see the publication of the book, but during his work he felt a personal responsibility not to keep for himself what he had gathered for almost thirty years in top decision-making positions from university teacher, minister, chairman of the Slovak Planning Commission to an employee of the SAS Institute of Forecasting. It was a great recognition and appreciation of the qualities of the co-author A. Korauš, whom he chose to collaborate at the age of less than 40 years. The co-author of the book after the death of prof. Ferianca completed and published the book. To this day, this scientific publication has one of the highest awards in professional circles because it has served as a guide for the macroeconomic strategy of the transition to a market economy, not only in Slovakia. According to the criteria of the Scientific Council of the Academy of the Police Force in Bratislava determining the segmentation of outputs, this is a scientific monograph that is of great objective importance in several countries not only in Slovakia but also in the V4 region and other countries of the post-communist bloc in Europe. For these reasons and also because the mentioned scientific monograph is included in the AAB category by the Economic Library of the University of Economics in Bratislava, the author has included this scientific monograph in the A + category.</p>
3.	<p>AAB</p> <p>KORAUŠ, Antonín. Marketing v bankovníctve a poisťovníctve. Bratislava : SPRINT vbra, 2000. 297 s. Nová ekonómia. ISBN 80-88848-52-0.</p> <p>The scientific monograph is a pioneering scientific publication in the field of marketing in banking and insurance. It does not deal only with the defined area in the title but with a much broader professional and scientific context related to the strategy of financial institutions or. institutions from a general point of view. In the text on 297 pages, the author combined his theoretical and practical experience from studies and TOP managerial positions in the boards of directors and management of financial institutions on a high professional platform. These were the main reasons why this scientific monograph was awarded the Literary Fund Prize and the VUB Literary Prize in 2000, which this bank awarded annually for authorship, publishing and distribution of new remarkable works of original Slovak literature. The use of this scientific monograph is at universities and colleges, in the scientific sphere and professional practice, but also in the ranks of the general public at home and abroad. She was and is a source and inspiration for final, diploma, dissertation but also habilitation theses, as evidenced by the large number of references and citations. According to the criteria of the Scientific Council of the Academy of the Police Force in Bratislava determining the segmentation of outputs, this is a scientific monograph that is of great objective importance in several countries not only in Slovakia but also in the V4 region and other countries of the post-communist bloc in Europe. For these reasons and also because the mentioned scientific monograph is included in the AAB category by the Economic Library of the University of Economics in Bratislava, the author included this output in the A + category.</p>
4.	<p>AAB</p> <p>KORAUŠ, Antonín. Bankopoisťovníctvo. Bratislava : Sprint vbra, 2005. 405 s. Nová ekonómia. ISBN 80-89085-41-5.</p> <p>The scientific monograph is the first, comprehensive and extensive (405 pages) presentation of the strategic interconnection of financial products and services. Two other scientific monographs, "The Origin and Development of Bancassurance" and "Bancassurance in the EU" are logically and substantively linked to this scientific monograph. The scientific monograph is a pioneering scientific publication in the field of bancassurance, ie. strategic interconnection of financial products and services. It does not deal only with the defined area in the title but with a much broader professional and scientific context related to the strategy of financial institutions or. institutions from a general point of view. The use of the scientific monograph is at universities and colleges, in the scientific sphere and professional practice, but also in the ranks of the general public at home and abroad. She was and is a source and inspiration for final, diploma, dissertation but also habilitation theses, as evidenced by the large number of references and citations. According to the criteria of the Scientific Board of the Academy of the Police Force in Bratislava determining the segmentation of outputs, this is a scientific monograph that is of great objective importance in several countries, not only in Slovakia. For these reasons and also because the mentioned scientific monograph is included in the AAB category by the Economic Library of the University of Economics in Bratislava, the author included this output in the A + category.</p>

5.	<p>AAB KORAUŠ, Antonín [100 %]. Financial marketing. Reviewers: Kajetána Hontyová ... [et al.]. 1st ed. Bratislava : Sprint dva, 2011. 512 s. Economics. ISBN 978-80-89393-57-2.</p> <p>The mentioned scientific monograph is included in the AAB category by the Economic Library of the University of Economics in Bratislava and brings a comprehensive view of the financial sector from a strategic and marketing aspect. It also highlights security threats from a local as well as a global perspective. The scientific monograph is published in English in 512 pages. The complexity and extraordinary scientific contribution is emphasized not only by reviewers, opponents in reviews but also by reviews in domestic and foreign professional and scientific journals, which emphasizes the national but especially the international importance of the scientific monograph. With its originality, breadth of content, complexity and unique connection of the author's theory and practical experience, the monograph is suitable not only for the general scientific and professional public but also for use for university and university studies both at home and abroad. This fact is evidenced by the fact that it is currently located in the libraries of universities in more than 40 at home and abroad. Specifically, the scientific monograph is, for example, in the Marshall Library at Cambridge University, Baghdad University in Iraq, four universities in Finland, Israel and Ireland, China's oldest Tianjin University, Turkey, Egypt, Libya, France, South Korea, USA, Latvia , Russia, Taiwan, Greece, Croatia, Armenia, Japan, the Czech Republic and other countries. However, this does not end the calculation of countries, as the publication gradually reaches the libraries of world universities in other countries. She was and is a source and inspiration for final, diploma, dissertation but also habilitation theses, as evidenced by the large number of references and citations at home and abroad. The title "Financial Marketing" was awarded the Sprint Two Award in 2012 for its merits and significant contribution to the creation of original Slovak professional literature and especially for the high professional level, invention and contribution to the theoretical and practical platform presented in the scientific work. According to the criteria of the Scientific Board of the Academy of the Police Force in Bratislava determining the segmentation of outputs, this is a scientific monograph that is of great objective importance in Slovakia and in many other countries around the world. For these reasons and also because the mentioned scientific monograph is included in the AAB category by the Economic Library of the University of Economics in Bratislava, the author included this output in the A + category.</p>
VI.3 The most significant research/other outputs over the last six years (maximum of five)	
1.	<p>AAB KORAUŠ, Antonín [100 %]. Marketing in the financial sector. Reviewers: Igor Kosír ... [et al.]. 1st ed. Bratislava : Sprint 2, 2015. 512 s. Economics. ISBN 978-80-89710-02-7.</p> <p>The mentioned scientific monograph is included in the AAB category by the Economic Library of the University of Economics in Bratislava and brings a comprehensive view of the financial sector from a strategic and marketing aspect. It also highlights security threats and risks from a local as well as a global perspective. The scientific monograph is published in English in 512 pages. The complexity and extraordinary scientific contribution is emphasized not only by reviewers, opponents in reviews but also by reviews in domestic and foreign professional and scientific journals, which emphasizes the national but especially the international importance of the scientific monograph. With its originality, breadth of content, complexity and unique connection of the author's theory and practical experience, the monograph is suitable not only for the general scientific and professional public but also for use for university and university studies both at home and abroad. This fact is evidenced by the fact that it is currently located in the libraries of universities in more than 40 countries. Specifically, the scientific monograph is, for example, in the Marshall Library at Cambridge University, Baghdad University in Iraq, four universities in Finland, Israel and Ireland, China's oldest Tianjin University, Turkey, Egypt, Libya, France, South Korea, USA, Latvia , Russia, Taiwan, Greece, Croatia, Armenia, Japan, the Czech Republic and other countries. However, this does not end the calculation of countries, as the publication gradually reaches the libraries of world universities in other countries. This also results in a large number of responses at home and abroad.</p> <p>The scientific monograph was awarded the Sprint Two prize in 2016 for its merits and significant contribution to the creation of original Slovak professional literature and especially for its high professional level, invention and contribution to the theoretical and practical platform presented in the scientific work. According to the criteria of the Scientific Board of the Academy of the Police Force in Bratislava determining the segmentation of outputs, this is a scientific monograph, which has an objective meaning in several countries not only in the same region, which is why the author classified the scientific monograph in category A +.</p>
2.	<p>ADC KORAUŠ, Antonín - GOMBÁR, Miroslav - VAGASKÁ, Alena - ŠIŠULÁK, Stanislav - ČERNÁK, Filip Secondary Energy Sources and Their Optimization in the Context of the Tax Gap on Petrol and Diesel [elektronický dokument] / aut. Antonín Korauš, aut. Miroslav Gombár, aut. Alena Vagaská, aut. Stanislav Šišulák, aut. Filip Černák. In: Energies [elektronický dokument]. - ISSN 1996-1073. Roč. 14, č. 14 (2021), s. 1-22. Doi: 10.3390/en14144121</p> <p>The scientific article is published in the Swiss scientific journal "Energies", which is part of the MDPI. MDPI, a pioneer in open access scientific publishing, has been supporting academic communities since 1996. The mission of the Basel-based MDPI in Switzerland is to promote open scientific exchange in all its forms and</p>

	<p>disciplines. MDPI has 393 diverse, peer-reviewed open-access journals and supports more than 115,000 academic professionals. It is used by scientists around the world to ensure that the latest research is freely available and all content is distributed under a Creative Commons Attribution License (CC BY). MDPI publishes more than 85 journals, which are rated as the most influential in its fields. With additional branches in Beijing, Wuhan, Tianjine and Nanjing (China), Barcelona (Spain), Belgrade and Novi Sad (Serbia), Manchester (United Kingdom), Tokyo (Japan), Cluj and Bucharest (Romania), Toronto (Canada), Kraków (Poland), Singapore (Singapore) and Bangkok (Thailand), MDPI has published surveys of more than 330,000 individual authors and their journals receive more than 25 million website views per month. This talented journal is indexed in Scopus, Web of Science, Ei Compendex, RePEc, Inspec, CAPlus / SciFinder and many more. Journal evaluation: Impact factor 3,004, CiteScore - Q1, therefore the author included the scientific article in the A + category.</p>
3.	<p>ADC STRAKOVÁ, Jarmila - KORAUŠ, Antonín - VÁCHAL, Jan - POLLÁK, František - ČERNÁK, Filip - TALIR, M. - KOLLMANN, J. Sustainable development economics of enterprises in the services sector based on effective management of value streams [elektronický dokument] / aut. Jarmila Straková, aut. Antonín Korauš, aut. Jan Váchal, aut. František Pollák, aut. Filip Černák, aut. M. Talir, aut. J. Kollmann. In: Sustainability [elektronický dokument]. - ISSN 2071-1050. - Roč. 13, č. 16 (2021), s. 1-15. Doi:10.3390/su13168978 Plný text: https://doi.org/10.3390/su13168978</p> <p>The scientific article is published in the Swiss scientific journal "Sustainability" which is part of the MDPI. MDPI, a pioneer in open access scientific publishing, has been supporting academic communities since 1996. The mission of the Basel-based MDPI in Switzerland is to promote open scientific exchange in all its forms and disciplines. MDPI has 393 diverse, peer-reviewed open-access journals and supports more than 115,000 academic professionals. It is used by scientists around the world to ensure that the latest research is freely available and all content is distributed under a Creative Commons Attribution License (CC BY). MDPI publishes more than 85 journals, which are rated as the most influential in its fields. With additional branches in Beijing, Wuhan, Tianjine and Nanjing (China), Barcelona (Spain), Belgrade and Novi Sad (Serbia), Manchester (United Kingdom), Tokyo (Japan), Cluj and Bucharest (Romania), Toronto (Canada), Kraków (Poland), Singapore (Singapore) and Bangkok (Thailand), MDPI has published surveys of more than 330,000 individual authors and their journals receive more than 25 million website views per month. This talented journal is indexed in Scopus, Web of Science GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder and many more. Journal evaluation: Impact factor 3,251, CiteScore - Q1, therefore the author included the scientific article in the A + category.</p>
4.	<p>ADC KORAUŠ, Antonín - GOMBÁR, Miroslav - VAGASKÁ, Alena - ŠIŠULÁK, Stanislav - ČERNÁK, Filip Secondary Energy Sources and Their Optimization in the Context of the Tax Gap on Petrol and Diesel [elektronický dokument] / aut. Antonín Korauš, aut. Miroslav Gombár, aut. Alena Vagaská, aut. Stanislav Šišulák, aut. Filip Černák. In: Energies [elektronický dokument]. - ISSN 1996-1073. Roč. 14, č. 14 (2021), s. 1-22. Doi: 10.3390/en14144121</p> <p>The scientific article is published in the Swiss scientific journal "Energies", which is part of the MDPI. MDPI, a pioneer in open access scientific publishing, has been supporting academic communities since 1996. The mission of the Basel-based MDPI in Switzerland is to promote open scientific exchange in all its forms and disciplines. MDPI has 393 diverse, peer-reviewed open-access journals and supports more than 115,000 academic professionals. It is used by scientists around the world to ensure that the latest research is freely available and all content is distributed under a Creative Commons Attribution License (CC BY). MDPI publishes more than 85 journals, which are rated as the most influential in its fields. With additional branches in Beijing, Wuhan, Tianjine and Nanjing (China), Barcelona (Spain), Belgrade and Novi Sad (Serbia), Manchester (United Kingdom), Tokyo (Japan), Cluj and Bucharest (Romania), Toronto (Canada), Kraków (Poland), Singapore (Singapore) and Bangkok (Thailand), MDPI has published surveys of more than 330,000 individual authors and their journals receive more than 25 million website views per month. This talented journal is indexed in Scopus, Web of Science, Ei Compendex, RePEc, Inspec, CAPlus / SciFinder and many more. Journal evaluation: Impact factor 3,004, CiteScore - Q1, therefore the author included the scientific article in the A + category.</p>
5.	<p>ADM KORAUŠ, Antonín - GOMBÁR, Miroslav - VAGASKÁ, Alena - BAČÍK, Radovan - KORBA, Peter - ČERNÁK, Filip Bitcoin price as one of basic cryptocurrencies in relation to the basic stock market's indicators [elektronický dokument] / aut. Antonín Korauš, aut. Miroslav Gombár, aut. Alena Vagaská, aut. Radovan Bačík, aut. Peter Korba, aut. Filip Černák. In: Entrepreneurship and Sustainability Issues [elektronický dokument]. - ISSN 2345-0282. - Roč. 9, č. 2 (2021), s. 552-569. Doi: 10.9770/jesi.2021.9.2(36) http://jssidoi.org/jesi/uploads/issues/Entrepreneurship_and_Sustainability_Issues_Vol9_No2_print.pdf</p> <p>The scientific article is published in the scientific journal "The Entrepreneurship and Sustainability Issues",</p>

	which publishes original research papers and case studies. It is an international journal included in the Web of Science database network and was previously part of the Scopus database, so the author included the scientific article in the A + category.
VI.4 The most significant citations corresponding to the research/other outputs (maximum of five)	
1.	<p>Security aspects and protection of people in connection with the use of personal identification numbers / aut. Antonín Korauš, aut. Ján Dobrovič, aut. Jozef Polák, aut. Stanislav Backa. n: Journal of Security and Sustainability Issues [elektronický dokument]. - ISSN 2029-7017. - ISSN 2029-7025. - Roč. 8, č. 3 (2019), s. 319-330. Plný text: http://doi.org/10.9770/jssi.2019.8.3(3)</p> <p>[1] ADAMCZYK, M., BETLEJ, A. Social determinants of digital exclusion in an ageing society : the case of Poland. In Entrepreneurship and Sustainability Issues, ISSN 2345-0282. 2021, Vol. 8, No. 3, pp. 122-135.</p>
2.	<p>Aspects of the security use of payment card pin code analysed by the methods of multidimensional statistics / aut. Antonín Korauš, aut. Ján Dobrovič, aut. Jozef Polak, aut. Stanislav Backa. In: Entrepreneurship and Sustainability Issues [elektronický dokument] : International scientific peer-reviewed journal. - ISSN 2345-0282. - Roč. 6, č. 4 (2019), s. 2017-2036. Doi: 10.9770/jesi.2019.6.4(33)</p> <p>[1] SRIYAKUL, T., JERMSITTIPARSERT, K. Role of e-government and open data to enhance transparency in ASEAN region: a panel data analysis. In Journal of Security and Sustainability Issues, ISSN 2029-7025. 2020, Vol. 10, October, p. 346.</p>
3.	<p>Analysis of respondents' opinions and attitudes toward the security of payment systems [elektronický dokument] / aut. Antonín Korauš, aut. Miroslav Gombár, aut. Pavel Kelemen, aut. Jozef Polák. In: Entrepreneurship and Sustainability Issues [elektronický dokument] : International scientific peer-reviewed journal. - ISSN 2345-0282. - Roč. 6, č. 4 (2019), s. 1987-2002. Plný text: https://jssidoi.org/jesi/uploads/articles/24/Koraus_Analysis_of_respondents_opinions_and_attitudes_toward_the_security_of_payment_systems.pdf</p> <p>[1] DOBROVIČ, J., ČABINOVÁ, V., GALLO, P., PARTLOVÁ, P., VÁCHAL, J., BALOGOVA, B., ORGONÁŠ, J. Application of the DEA model in tourism SMEs : an empirical study from Slovakia in the context of business sustainability. In Sustainability, ISSN 2071-1050. 2021, No. 13, pp. 1-19.</p>
4.	<p>Dimensions and their elements affecting the innovative activities of agricultural SMEs toward their sustainable development / aut. Antonín Korauš, aut. Katarína Havierniková, aut. Miroslav Gombár, aut. Filip Černák, aut. Miroslav Felcan. In: Entrepreneurship and Sustainability Issues [elektronický dokument]. - ISSN 2345-0282. - Roč. 8, č. 2 (2020), s. 1142-1156.</p> <p>[1] DVORSKÝ, J., ČEPEL, M., KOTÁSKOVÁ, A., BUGÁNOVÁ, K. Differences in business risk effects on the future of SMEs due to the COVID-19 pandemic. In International Journal of Entrepreneurial Knowledge, ISSN 2336-2960. 2021, Vol. 2, No. 9, p. 28. WOS, SCOPUS. Dostupný na internete <https://doi.org/10.37335/ijek.v9i2.144></p>
5.	<p>Secondary Energy Sources and Their Optimization in the Context of the Tax Gap on Petrol and Diesel [elektronický dokument] / aut. Antonín Korauš, aut. Miroslav Gombár, aut. Alena Vagaská, aut. Stanislav Šišulák, aut. Filip Černák. In: Energies [elektronický dokument]. - ISSN 1996-1073. - Roč. 14, č. 14 (2021), s. 1-22. Doi: 10.3390/en14144121</p> <p>[1] BULINSKA-STANGRECKA, H., BAGIENSKA, A. Culture-Based Green Workplace Practices as a Means of Conserving Energy and Other Natural Resources in the Manufacturing Sector. In Energies, ISSN 1996-1073. 2021, No. 14, p. 22.</p>
VI.4A The most significant citations corresponding to the research/other outputs over the last six years (maximum of five)	
1.	<p>Secondary Energy Sources and Their Optimization in the Context of the Tax Gap on Petrol and Diesel [elektronický dokument] / aut. Antonín Korauš, aut. Miroslav Gombár, aut. Alena Vagaská, aut. Stanislav Šišulák, aut. Filip Černák. In: Energies [elektronický dokument]. - ISSN 1996-1073. - Roč. 14, č. 14 (2021), s. 1-22. Doi: 10.3390/en14144121</p> <p>[1] SIDOROVA, E., SEBECHENKO, E., KOSTYUKHIN, Y., BOBOSHKO, D., KOSTIN, A., KOSTINA, O., VIKHROVA, N. Formation of a Sustainable Mechanism of Preferential VAT Taxation of Exports as Evidenced by the Russian Federation Practice. In Economies. 2021, Vol. 9, No. 4, p. 3. WOS, SCOPUS.</p>

	Dostupný na internete < https://doi.org/10.3390/economies9040190 >
2.	Electronic banking security and customer satisfaction in commercial banks / aut. Jaroslav Belás, aut. Michal Korauš, aut. Felix Kombo, aut. Antonín Korauš. In: Journal of Security and Sustainability Issues [elektronický zdroj]. - ISSN 2029-7025. - Vol. 5, no. 3 (2016), online, pp. 411-422. [1] AGUAYO, F. Z., ŚLUSARCZYK, B. Risks of Banking Services' Digitalization: The Practice of Diversification and Sustainable Development Goals. In Sustainability. 2020, Vol. 12, p. 9.
3.	Electronic banking security and customer satisfaction in commercial banks / aut. Jaroslav Belás, aut. Michal Korauš, aut. Felix Kombo, aut. Antonín Korauš. In: Journal of Security and Sustainability Issues [elektronický zdroj]. - ISSN 2029-7025. - Vol. 5, no. 3 (2016), online, pp. 411-422. [1] HASSAN, M. A., SHUKUR, Z., HASAN, M. K., AL-KHALEEFA, A. S. A Review on Electronic Payments Security. In Symmetry. 2020, Vol. 12, p. 19.
4.	The Safety Risks Related To Bank Cards and Cyber Attacks / aut. Antonín Korauš, aut. Ján Dobrovič, aut. Rastislav Rajnoha, aut. Ivan Brezina. In: Journal of Security and Sustainability Issues [elektronický zdroj]. - ISSN 2029-7025. - Vol. 6, No. 4 (2017), online, pp. 563-574. [1] NOBANEE, H., ATAYAH, O. F., ALSHATER, M. M. A disclosure index to measure the extent of anti-fraud reporting in banks. In Journal of Legal, Ethical and Regulatory Issues, ISSN 1544-0044. 2021, Vol. 24, Special Issue 2, p. 2.
5.	Sustainable economic development through human resource management : Social intelligence of managers and performance / Antonín Korauš, Z. Kaščáková, V. Párová, S. Veselovská. In: Journal of Security and Sustainability Issues [elektronický zdroj]. - ISSN 2029-7025. - Vol. 6, No. 3 (2017), pp. 457-477. [1] HIEP, P. M., TIEN, N. H., DANA, L. P., KUC, B. R., TIEN, N. V., HA, V. X. Enhancing Social Responsibility and Sustainability in Real. In Turkish Journal of Computer and Mathematics Education, ISSN 1309-4653. 2021, Vol. 12, No. 14, p. 5000. SCOPUS. Dostupný na internete < https://turcomat.org/index.php/turkbilmat/article/view/11475/8447 >

VI.5 Participation in conducting (leading) the most important research projects over the last six years (maximum of five)

1.	Operational Program Integrated Infrastructure for the project: "Electronic methods of detecting unusual business operations in the business environment" (ITMS code: 313022W057), co-financed by the European Regional Development Fund. 2020 - 2024 Unusual business operations are, according to Act 297/2008 Coll. on protection against money laundering and on protection against terrorist financing "a legal act or other act which indicates that its execution may lead to the legalization or financing of terrorism". For example, a NOO can be considered in particular in a country where terrorist organizations operate a transaction which, due to its complexity, financial value or method of payment, seems to stand out from current payments, resp. transfers. Unusual also includes transactions in which the client refuses to identify or is reluctant to reveal more details about the transaction. This fulfills the presumption to some extent that, given his situation, he cannot be the owner of the funds needed for the transaction. Uncovering the NOO is one of the top priorities of both the National Bank of Slovakia and the European Central Bank. This applies not only to trades executed through classic state currencies, but also to the so-called cryptocurrencies. The project itself is based on several European regulations in addition to the above-mentioned law. In particular, Directive 2018/843 of the European Parliament and of the Council of 30 May 2018, also known as AMLD5 - Fifth Anti Money Laundering Directive, amending EU Directive 2015/849 on the prevention of the use of the financial system for the purpose of money laundering or terrorist financing. The aim of the project is to create a tool that will be able to work especially in the field of cryptocurrencies. The ambition of the project is to obtain a European patent, which will point out the uniqueness of the developed solution. Thanks to the previous experience of the researchers in this area, the methods of access to analysis and data acquisition have a unique essence.
2.	Project SP, a.s. Project of implementation of current legislative amendments of the EU and the National Council of the Slovak Republic in connection with the prepared amendment to Act no. 297/2008 Coll. on protection against money laundering and on protection against terrorist financing and on amendments to certain laws as amended in the conditions of Slovenská pošta, a.s. VVÚ solution period 01/2017 - 05/2018 Head of the research team and responsible researcher: doc. Ing. Antonín Korauš, PhD., LL.M., MBA. Co-researchers: prof. RNDr. Beáta Stehlíková, CSc. (FEP PEVŠ), prof. Ing. Jozef Stieranka, PhD., (Academy of the Police Force in Bratislava), Ing. Jozef Polak, Dr., Ing. Michal Ries (FIIT STU) Mgr. Pavel Kelemen, JUDr. Stanislav Backa (both SP a.s.)
3.	Project SP, a.s. Implementation of the control and education system in connection with the requirements of Act no. 297/2008 Coll. on protection against money laundering and on protection against terrorist financing and on amendments to certain laws as amended in the conditions of Slovenská pošta, a.s. VVÚ solution period 02/2017 - 05/2018. Head of the research team and responsible researcher: doc. Ing. Antonín Korauš, PhD.,

	LL.M., MBA. Co-researchers: doc. PhDr. Ing. Ladislav Mura, PhD., (FEP PEVŠ), Ing. Jozef Polak, Dr., Ing. Michal Ries (FIIT STU) Mgr. Pavel Kelemen, JUDr. Stanislav Backa (both SP a.s.)
4.	<p>Academic Alliance Grant Agency (GA AA)</p> <p>Analysis of customer flow management in the service sector I VVÚ project supported in the 2nd GA AA Call in 2016. Main researcher: doc. Ing. Antonín Korauš, Ph.D. LL.M., MBA The project "Analysis of customer flow management in the service sector" was carried out as a quantitative research on a sample of respondents - students at selected schools, namely:</p> <ul style="list-style-type: none"> • University of Business and Law, Prague, • University of Business Prague and • Pan-European University in Bratislava. <p>Representative research was conducted on a sample of respondents from these universities. The sample in question represents the basic set and describes the given state at a specific time. The selected sample meets the following representativeness criteria:</p> <ul style="list-style-type: none"> • gender, • education, • age, • residence, • region. <p>The actual implementation of quantitative research consists in the systematic collection of data through questionnaires. The questionnaire is not only a tool for data transfer, but also standardizes the research conditions of all respondents. The questionnaire was implemented in electronic form with the address: https://docs.google.com/forms/d/e/1FAIpQLSf40qPzC1CHfLft_fUUnC-gTNrb2kePAZsbJ_etlbguPHZUkQ/viewform?c=0&w=1 Based on the data collected through questionnaires, an optimized collective service in the sector was proposed, the attitude of the selected sample to the management of queues was examined, as well as the positives and negatives in connection with customer flow management.</p>
5.	<p>Academic Alliance Grant Agency (GA AA)</p> <p>Analysis of customer flow management in the service sector II Registration number 21/2018. VVÚ project supported in the 3rd GA AA Call in 2018. Main researcher: doc. Ing. Antonín Korauš, PhD., LL.M., MBA The theory of collective service examines such systems in which the service with the request, which comes to the system of collective service, is realized. In such systems, these requests may accumulate (wait) and queues may be generated due to limited service capacity. Collective service theory (THO) is a mathematical discipline that analyzes and solves processes in which demand flows pass through certain devices from which they require service. In systems that are the subject of the theory of collective service, we can identify elements of a dual nature. On the one hand, these are the requirements of customers who require service, and on the other hand, these are the elements that provide service (service equipment, lines, channels). In the course of 2017, the project "Analysis of customer flow management in the services sector" was implemented, which was carried out as a quantitative research on a sample of respondents - students at selected schools, namely:</p> <ul style="list-style-type: none"> • University of Business and Law, Prague, • University of Business Prague and • Pan-European University in Bratislava. <p>When examining objects using collective service models, the goal is often to measure the interrelationships between the basic indicators characterizing the quality of the efficiency of the collective service system and to find the optimal operating mode with respect to the selected criterion. By optimizing the operating mode of public service systems, we can usually significantly reduce the possibility of series, or. reduce overall waiting losses. Methods used in the optimization of mass service were used, such as:</p> <ul style="list-style-type: none"> • Collective service system in order to achieve the optimal effect, which can be maximizing profits or minimizing costs, time, losses, ... The collective service system is one that serves to satisfy repeated most random needs. • Modeling of the collective service system by analytical stochastic methods and analytical expressions for calculation of characteristics: operator request, service channel, input current, input input current intensity, service time, output current intensity, waiting time. • Poisson distribution, which has characteristics: stationarity, ordinality, independence. These characteristics are very necessary for modeling and optimizing the collective service system. <p>Continuation of the content of the project</p>
VI.6 Participation in conducting (leading) the most important research projects (maximum of five)	
1.	<p>Operational Program Integrated Infrastructure for the project: "Electronic methods of detecting unusual business operations in the business environment" (ITMS code: 313022W057), co-financed by the European Regional Development Fund. 2020 - 2024</p> <p>Unusual business operations are, according to Act 297/2008 Coll. on protection against money laundering and on protection against terrorist financing "a legal act or other act which indicates that its execution may lead to the legalization or financing of terrorism". For example, a NOO can be considered in particular in a country where terrorist organizations operate a transaction which, due to its complexity, financial value or method of payment, seems to stand out from current payments, resp. transfers.</p>

	<p>Unusual also includes transactions in which the client refuses to identify or is reluctant to reveal more details about the transaction. This fulfills the presumption to some extent that, given his situation, he cannot be the owner of the funds needed for the transaction. Uncovering the NOO is one of the top priorities of both the National Bank of Slovakia and the European Central Bank. This applies not only to trades executed through classic state currencies, but also to the so-called cryptocurrencies. The project itself is based on several European regulations in addition to the above-mentioned law. In particular, Directive 2018/843 of the European Parliament and of the Council of 30 May 2018, also known as AMLD5 - Fifth Anti Money Laundering Directive, amending EU Directive 2015/849 on the prevention of the use of the financial system for the purpose of money laundering or terrorist financing. The aim of the project is to create a tool that will be able to work especially in the field of cryptocurrencies. The ambition of the project is to obtain a European patent, which will point out the uniqueness of the developed solution. Thanks to the previous experience of the researchers in this area, the methods of access to analysis and data acquisition have a unique essence.</p>
2.	<p>Project SP, a.s. Project of implementation of current legislative amendments of the EU and the National Council of the Slovak Republic in connection with the prepared amendment to Act no. 297/2008 Coll. on protection against money laundering and on protection against terrorist financing and on amendments to certain laws as amended in the conditions of Slovenská pošta, a.s. VVÚ solution period 01/2017 - 05/2018 Head of the research team and responsible researcher: doc. Ing. Antonín Korauš, PhD., LL.M., MBA. Co-researchers: prof. RNDr. Beáta Stehlíková, CSc. (FEP PEVŠ), prof. Ing. Jozef Stieranka, PhD., (Academy of the Police Force in Bratislava), Ing. Jozef Polak, Dr., Ing. Michal Ries (FIIT STU) Mgr. Pavel Kelemen, JUDr. Stanislav Backa (both SP a.s.)</p>
3.	<p>Project SP, a.s. Implementation of the control and education system in connection with the requirements of Act no. 297/2008 Coll. on protection against money laundering and on protection against terrorist financing and on amendments to certain laws as amended in the conditions of Slovenská pošta, a.s. VVÚ solution period 02/2017 - 05/2018. Head of the research team and responsible researcher: doc. Ing. Antonín Korauš, PhD., LL.M., MBA. Co-researchers: doc. PhDr. Ing. Ladislav Mura, PhD., (FEP PEVŠ), Ing. Jozef Polak, Dr., Ing. Michal Ries (FIIT STU) Mgr. Pavel Kelemen, JUDr. Stanislav Backa (both SP a.s.)</p>
4.	<p>Academic Alliance Grant Agency (GA AA) Analysis of customer flow management in the service sector I VVÚ project supported in the 2nd GA AA Call in 2016. Main researcher: doc. Ing. Antonín Korauš, Ph.D. LL.M., MBA The project "Analysis of customer flow management in the service sector" was carried out as a quantitative research on a sample of respondents - students at selected schools, namely:</p> <ul style="list-style-type: none"> • University of Business and Law, Prague, • University of Business Prague and • Pan-European University in Bratislava. <p>Representative research was conducted on a sample of respondents from these universities. The sample in question represents the basic set and describes the given state at a specific time. The selected sample meets the following representativeness criteria:</p> <ul style="list-style-type: none"> • gender, • education, • age, • residence, • region. <p>The actual implementation of quantitative research consists in the systematic collection of data through questionnaires. The questionnaire is not only a tool for data transfer, but also standardizes the research conditions of all respondents. The questionnaire was implemented in electronic form with the address: https://docs.google.com/forms/d/e/1FAIpQLSf40qPzC1CHfLft_fUUnC-gTNRb2kePAZsbJ_etlbguPHZUKQ/viewform?c=0&w=1 Based on the data collected through questionnaires, an optimized collective service in the sector was proposed, the attitude of the selected sample to the management of queues was examined, as well as the positives and negatives in connection with customer flow management.</p>
5.	<p>Academic Alliance Grant Agency (GA AA) Analysis of customer flow management in the service sector II Registration number 21/2018. VVÚ project supported in the 3rd GA AA Call in 2018. Main researcher: doc. Ing. Antonín Korauš, PhD., LL.M., MBA The theory of collective service examines such systems in which the service with the request, which comes to the system of collective service, is realized. In such systems, these requests may accumulate (wait) and queues may be generated due to limited service capacity. Collective service theory (THO) is a mathematical discipline that analyzes and solves processes in which demand flows pass through certain devices from which they require service. In systems that are the subject of the study of the theory of collective service, we can identify elements of a dual nature. On the one hand, these are the requirements of customers who require service, and on the other hand, these are the elements that provide service (service equipment, lines, channels). In the course of 2017, the project "Analysis of customer flow management in the services sector" was implemented, which was carried out as a quantitative research on a sample of respondents - students at selected schools, namely:</p> <ul style="list-style-type: none"> • University of Business and Law, Prague,

<ul style="list-style-type: none"> • University of Business Prague and • Pan-European University in Bratislava. <p>When examining objects using collective service models, the goal is often to measure the interrelationships between the basic indicators characterizing the quality of the efficiency of the collective service system and to find the optimal operating mode with respect to the selected criterion. By optimizing the operating mode of public service systems, we can usually significantly reduce the possibility of series, or. reduce overall waiting losses. Methods used in the optimization of mass service were used, such as:</p> <ul style="list-style-type: none"> • Collective service system in order to achieve the optimal effect, which can be maximizing profits or minimizing costs, time, losses, ... The collective service system is one that serves to satisfy repeated most random needs. • Modeling of the collective service system by analytical stochastic methods and analytical expressions for calculation of characteristics: operator request, service channel, input current, input input current intensity, service time, output current intensity, waiting time. • Poisson distribution, which has characteristics: stationarity, ordinality, independence. These characteristics are very necessary for modeling and optimizing the collective service system. <p>Continuation of the content of the project</p>
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VII. Overview of organizational experience related to higher education and research/other activities

VII.1 The most significant positions and memberships in scientific and professional institutions/associations and editorial boards (maximum of five)

VII.1a Activity, position	VII.1b Name of the institution/board	VII.1c Duration
Member	Scientific Board of the Pan-European University in Bratislava	2016 - 2018
Member	Sub-branch commission of the third degree of university study for international economic relations in the study field of economics and management of FMV EU in Bratislava	2020 - present
Member	Energy Commission Committee on Economic Affairs of the National Council of the Slovak Republic	2012 - present
Member	Representative of the Slovak Republic in Public Relations Comité Européen des Assurances - European Association of Insurance Companies for Public Relations based in Paris	2000 - 2008
Member	editorial board of the scientific journal Journal of Economics, Trade and Marketing Management, USA, Los Angeles	2018 - present

VII.2 The most significant positions and memberships in scientific and professional institutions/associations and editorial boards for the last six years (maximum of five)

VII.2a Activity, position	VII.2b Name of the institution/board	VII.2c Duration
Member	Scientific Board of the Academy of the Police Force in Bratislava	2020 - present
Chairman	Departmental Commission - of the third degree of university study for International Business Faculty of Economics and Business PEVŠ	2016 - 2018
Member	of the trade union commission in the field of of the third degree study 3.3.17 international economic relations FMV EU in Bratislava	2020 - present
Member	working group of the Ministry of Education of the Slovak Republic established for the preparation of proposals for state research and development programs for the years 2018 - 2023 with a view to 2028	2018- present
Member	Editorial Board of Sustainability Magazine, Switzerland	2019- present

VIII. Overview of international mobilities and visits oriented on education and research/other activities in the respective field of study

VIII.a Name of the institution	VIII.b Address of the institution	VIII.c Duration (indicate the duration of stay)	VIII.d Mobility scheme, employment contract, other (describe)
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Azerbaijan State university of Economics	Baku, Azerbaijan	05 – 10. November 2016	Host lecturer visit
the University of Mostar	Mostar, Bosnia and Herzegovina	11.-14.11. 2018	Host lecturer visit
EUROPOL	Haag, Holandsko	12. – 14.3. 2019	Study visit
Wyższa Szkoła Finansów i Prawa	Białsko-Biała, Polsko	9.-13. 11. 2015	Host lecturer visit
Akademia Pomorska	Slupsko, Polsko	15.-19.11. 2017	Host lecturer visit

IX. Other relevant facts

IX.1 Characteristics of activities related to respective field of study

He actively participates in the provision of teaching, the creation of study literature, the creation of subjects within the study field "Security Sciences". It regularly publishes in important database systems WOS and SCOPUS,. He is actively involved in domestic and foreign conferences and seminars. He is a member of scientific committees, co-organizer of domestic and foreign conferences. Participates in the provision of teaching and processing of teaching aids in further education, participates in specialized police training, courses. He is a member of professional examination, habilitation and inauguration commissions.

IX.2 Other activities

He currently works at the Department of Informatics and Management of the Academy of the Police Force in Bratislava. Within the ŠVOČ, it cooperates in the implementation.