

List of Published Scientific Articles by Sardar Ahmadiyya Shabanov in 1986-2023

| № | Title of Article | Kind of Paper | Publishing house, journal | Co-author | Language |
|----------|--|----------------------|---|---------------------------|-----------------|
| 1 | On the Problem of Visualization of a Class of Polyhedra | Article | Proceedings of the Institute of Cybernetics of V.M. Glushkov of the Academy of Sciences of the Ukrainian SSR, Digest of articles "System and Network Data Teleworking", Kiev, 1986 | Manako V.V., Koltsov Y.V. | Ru |
| 2 | Implementing the Author Interface When Creating Training Courses | Article | Proceedings of the Institute of Cybernetics. VM Glushkova of the Academy of Sciences of the Ukrainian SSR, Digest of articles "Means of Implementing Programming Systems", Kiev, 1987 | Petrushin V.A. | Ru |
| 3 | Denotation Models of Comparison Mechanisms on the Model in Author's and Problem-Oriented Languages | Conference paper | Proceedings of Conference "Efficiency of the application of automated learning systems in the higher school educational process", Riga, 1988 | - | Ru |
| 4 | Comparative Analysis of the Mechanisms of Comparison by Model in Author and Problem-Oriented Languages | Article | Proceedings of the Institute of Cybernetics. V.M. Glushkov of the Academy of Sciences of the Ukrainian SSR, Digest of articles "Methods for Implementing Programming Systems", Kiev, 1989 | - | Ru |

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| 5 | Development and Implementation of CAD of Porcelain Products on PC | Conference paper | Proceedings of Conference "Actual problems of computer science and computer science", Department of automated control systems of Academy of Sciences of Azerbaijan, Baku, April 25-27, 1990. | Sirajov B.T., Balashov F.B., Faradjeva R.M. | Ru |
| 6 | Use of Instrumental Expert Systems for the Development and Implementation of Educational Software Products | Conference paper | Proceedings of Int. Conference "Intellectualization of control systems", Baku, 1991 | - | Ru |
| 7 | Intellectual Training System with a Core of Instrumental Expert System | Article | "Scientific Review of National Academy of Sciences of Azerbaijan", physics-tech. and math. series, 1993, №5-6 | - | Ru |
| 8 | Project of the Intellectual Training System | Article | Deposited in Azer.Scientific-Research Inst. Of Scien.-Tech.Informations, 31.03.94, №2106-Az, Baku, 1994 | - | Ru |
| 9 | Realization of the Core of the Intellectual Learning System - Instrumental Expert System of Production Type | Article | Deposited in Azer.Scientific-Research Inst. Of Scien.-Tech.Informations, 31.03.94, №2107-Az, Baku, 1994 | - | Ru |
| 10 | Designing of Object-Oriented Knowledge Bases of Production Type and Algorithm of its Visualization | Article | Deposited in Azer.Scientific-Research Inst. Of Scien.-Tech.Informations,, 31.03.94, №2108-Az, Baku, 1994 | - | Ru |
| 11 | The Development of Consulting and Supervising Training Systems Based on Knowledge | Athor's Thesis Abstract | Institute of Cybernetics of the Academy of Sciences of Azerbaijan, Baku, 1996. Author's Thesis abstract. Thesis on Ph.D. on spec.. 05.13.14- Information processing and control systems" , Baku, Ins.of Cybernetics of Acad. Of Scien. Of | - | Ru |

| | | | Azerbaijan, 1996 | | |
|----|---|------------------|--|------------------------------|----|
| 12 | Designing of Training Knowledge Bases | Conference paper | Proceedings of Conf. "New information technologies and problems of applied mathematics", Baku, BSU Publish., 1997 | - | Ru |
| 13 | Denotation Semantic Model of the Mechanism of the Output of the Instrumental Expert-Teaching System | Article | "Scientific Review of National Academy of Sciences of Azerbaijan", physics-tech. and math. series, Informatics and management problems, №3-4, Baku, 1999 | - | Ru |
| 14 | Collection of Syllabus on the Department of Economic Cybernetics | Curriculum | Azer.State Univ. of Econ. Publishing, Baku, 1999 | Musayev B.S. and etc. | Az |
| 15 | Testing System on Disciplines «Mathematical Programming» | Conference paper | Abstract Book of the VIII International. open conf. "Modern problems of informatization in the non-industrial sphere and the economy", November 2002-January 2003, issue 8, Voronezh, Center. -The Black Book Publishing House, 2003. - 132 p. | - | Az |
| 16 | Use of Test-type Computer Programs in the Learning Process | Article | Collection of scientific research works of the Azer.St.Univ.of Econ. For the year 2002, UNEC Publishing House, Baku, 2003 | Musayev B.S., Hacızalov Y.İ. | Az |
| 17 | Designing Test Systems for Specialty Disciplines | Conference paper | ANAS Institute of Cybernetics. & Inst. of Information Technologies organized "New Information | Musayev B.S., Hacızalov Y.İ. | AZ |

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| | | | Technologies" Conference, Baku, April 28-30, 2003 | | |
| 18 | The Project of Test System on Discipline "Mathematical Programming" | Article | Proceedings of the International Twelfth Turkish Symposium on Artificial Intelligence and Neural Networks. Turkey, Chanakkale, 2-4 Jule 2003. | Musayev B., Hajizalov Y. | Az |
| 19 | The Model Represents the Subject Area and the Algorithm of the Evaluation of the Knowledge | Article | Control Systems and Information Technology / Intern. collection. sci. works. Issue 11. - Voronezh, Publishing House "Scientific Book", 2003. - 142 p | - | Ru |
| 20 | A Set of Syllabus on a Bachelor's Degree | Curriculum | UNEC Publishing, Baku, 2004 | Musayev B.S. and etc. | Az |
| 21 | Solution of Economic-Mathematical Models with EXCEL (in russian) | methodical materials | Baku, UNEC Publishing, 2004. – 54 p. | - | Ru |
| 22 | Innovation Project of "DEVELOPMENT " | Conference paper | Report of State Budget Scientific Research Work of UNEC in 2005. Unec Publishing, Baku, 2006. | - | Az |
| 23 | An Information Model of Innovation in Education | Conference paper | Proceedings of International Conference Dedicated to the 85th anniversary of Heydar Aliyev "Azerbaijani model of economic development" , Baku, Azerbaijan State Economic University, 2006 | - | Az |

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| 24 | About one Information Model of an Innovative Project in Education | Conference paper | Proceedings of the Fifth Intern. Conf. ION 2006 "Internet Education-Science", 2006., Vinnitsa. http://www.vstu.edu.ua/ies2006/ | - | Ru |
| 25 | Computer Modeling of Complex Assessment of Some Subjects of Education | Conference paper | Conference Proceedings of "Cybernetics and Informatics Problems", 24-26 October 2006, Baku. http://www.pci2006.science.az/6/04.pdf | - | Az |
| 26 | The Solution of Economic-Mathematical Models in EXCEL (in azerbaijani) | methodical materials | Baku, UNEC Publishing, 2007. 54 pp. | - | Az |
| 27 | Complex Estimating of the Scientific Activities of the Researchers | Conference paper | Proceedings of Conference "Cybernetics and Informatics Problems", 10-12 September 2008, Baku. http://www.pci2008.science.az/1/29.pdf | - | Az |
| 28 | Calculating the Rankings of Researchers | Conference paper | Materials of the scientific-practical seminar. Baku, Scientific Innovations Center of National Acad. Of Sciences of Azerb., 2009, March-May | - | Az |
| 29 | Information-Diagnostic System of Breast Tumors | Article | "Scientific Review of National Academy of Sciences of Azerbaijan", physics-tech. and math. series, Informatics and management problems, Vol. XXIX, №3, Baku, 2009. http://www.science.az/cyber/journal/2 | Abdullayeva G.A. | Az |

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| | | | 009/3-16.pdf | | |
| 30 | On the Index of Scientific Citation | Article | Newspaper «ECHO», №133 from 25 Jule 2009., pp.7-8. And «Economy” newspaper , №44 (591) 23-29 October 2009, p.4 | Hajiev A.H. | Ru |
| 31 | Information System for Assessing the Quality of Scientific Activities | Compact Disk | AICT 2009- Proceeding of the IEEE Intern.Conference “Applications of the Inform.and Communic.Technologies”, Baku, 14- 16 October 2009. IEEE Catalog Number: CFP0956H- CDR ISBN: 978-1-4244-4740-4 Library of Congress: 2009905189 | Hajiev A.H., Salmanov F.M. | Eng |
| 32 | Information System for Assessing the Results of Scientific Activities of Researchers | Article | Reports of the Nation.Academy of Scien. Of Azerbaijan, 2009, vol. LXV, №5 | Abbasov A.M., Hajiev A.H. | Ru |
| 332 | Information System for Assessing the Results of Scientific Activities of Researchers Information system for evaluating the results of scientific research | Report Arti cle | Reports of the Institute of Cybernetic of ANAS. Government registration №0109Az 1059, 2010-cu il. 23 pages. Reports of the Nation.Academy of Scien. Of Azerbaijan, 2009, vol. LXV, №5 | Abbasov A.M., Hajiev A.H. | Ru Az |
| 343 | Information System of the "Tumors of the Breast" | Conference paper | Materials of the Int. Conf. dedicated to the 80th Anniversary of Azerb. Medical univ.// Baku, 6-8 October 2010, pp. 404. | Abdullayeva G.A. | Az |

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|-----|---|---|---|-------------------------------|-----|
| 354 | Assessment of Academic Performance of Azerbaijan's Universities | Compact Disk and Conference paper | 5th International Conference on Application of Information and Communication Technologies (AICT), Baku, 2011, pp. 1-5, doi: 10.1109/ICAICT.2011.6110926. <i>Indexed by SCOPUS</i> | Abbasov A.M., Hajiev A.H. | Eng |
| 365 | Software for Management of the Economy | Syllabus for Bs. | UNEC Publishing, Baku, 2012 | - | Az |
| 376 | Evaluating the Scientific Achievements of Universities in Azerbaijan | Article | "Tertiary Education and Society" . 2013, №1, pp.14-19. ISBN 978-9952-32-169-2 | - | Az |
| 387 | Expert-Statistical Approach to Evaluation of the Scientific Success of Universities in Azerbaijan | Article | Proceeding of the Institute of Applied Mathematics, v.2, №1, 2013, pp. 72-83. ISSN 2225-0530 http://static.bsu.az/w24/piam%20v2n1/72-83%20Shabanov.pdf | - | Az |
| 398 | Vision for Scientific Results of Universities in Azerbaijan | Conference paper | 2013 7th International Conference on Application of Information and Communication Technologies, Baku, 2013, pp. 1-5, doi:10.1109/ICAICT.2013.6722751. <i>Indexed by Web of Science and SCOPUS</i> | Abbasov A.M., Haciyev A.H. | Eng |

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| 403 9 | Building Information Base of the Input-Output Model | Article | Journal of Qafqaz University – Economic and Administration, 2014, vol.2, n.2, pp.170-177. http://www.journal.qu.edu.az/content.php?page=article&archive=yes&j_id=1103&s_id=105&a_id=1417 | - | Az |
| 410 | Assessment of Scientific Productivity on Higher Education in Azerbaijan: Cross-Universities Analysis | Confer. paper | The 5th International Conference on Control and Optimization with Industrial Applications (COIA2015), 27-29 August, 2015, Baku, Azerbaijan. Pp.425-428. http://www.coia-conf.org/en/view/pages/5 | - | Eng |
| 421 | Evaluation of Quality of Education in Azerbaijan | Conference paper | Proceedings of Intern. Conf. "Sustainable Economic Development: Challenges, Perspectives" (April 27-28, 2016). Part II, pp.475-478. Sumgayit State Univ. Printing house, 2016. | - | Az |
| 432 | Expert Approach to Statistical Assessment of Education Quality: The Case of Azerbaijan | Conference paper | 2016 10-th Intern. Conference on “Applications of the Inform.and Communic.Technologies (AICT)”, Baku, Azerbaijan, 12-14 October 2016, pp.676-678. https://doi.org/10.1109/ICAICT.2016.7991791 <i>Indexed by SCOPUS</i> | Guliyev F. | Eng |

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| 443 | Evaluation of the Impact of Education on Economic Growth: International Experience | Conference paper | Proc. Of Intern. Conf. "Quality Assurance of Education". Lankaran State univ. , Lankaran, 25-26 November 2016 | Hasanli Y. | Az |
| 454 | Education Quality Indicators: International Experience | Article | Scientific Review of Azerbaijan State University of Economics, Year 5, Volume 5, October-December 2017. pp.69-76. | - | Az |
| 465 | Econometric Modeling of the Impact of Innovation on the Quality of Education: Cross-Country Comparisons | Working paper | Chapter at the Scientific Report of the Research Institute of Economic Studies under UNEC for 2017. Pp.61-92. | Hasanli Y., Huseynov A., Gasimov A. | Az |
| 476 | Econometric Modeling of the Impact of Innovation on the Quality of Education: Cross-Country Comparisons | Conference paper | Proceeding of Intern. Confer. of "Actual Problems of Natural Sciences and Economics". Ganja State University, Ganja, 4-5 May 2018. P.3 | Hasanli Y., Huseynov A., Gasimov A. | Az |
| 487 | The problem of applying "week" scientometric indicators in Azerbaijan | Article | "Statistics Reviews" , 2018. №2. s.5-9. ISSN 2413-6557. | - | Az |
| 498 | ESTIMATION OF IMPACT OF INNOVATIONS ON THE QUALITY OF TERTIARY EDUCATION | Conference Paper | The 6th International Conference on Control and Optimization with Industrial Applications, July 11-13, 2018. Baku, Azerbaijan. Book of Abstracts., pp.185-187. WOS:000463893800058 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=SourceByDais&qid=9&SID=E1eT7wGYHKzKytafDNC&page=1&doc | Hasanli Y. | Eng |

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| | | | ≡3 <i>Indexed by WoS</i> | | |
| 5049 | ASSESSMENT OF THE INTEGRATION RELATIONSHIPS BETWEEN SCIENCE AND EDUCATION AT THE DOCTORAL | Conference Paper | Proceeding of the 37th International Scientific Conference on Economic and Social Development - "Socio Economic Problems of Sustainable Development. 14-15 February, 2019. Baku, Azerbaijan. WOS:000471844300151 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=SourceByDais&qid=6&SID=E1eT7wGYHKzKytafDNC&page=1&doc=2 <i>Indexed by WoS</i> | Muradov A.J., Hasanli Y.H., Hajiyev N.O. | Eng |
| 510 | ASSESSMENT OF DISTRIBUTION OF EXAMINATION POINTS AND PASSING SCORES OF EXAMS OBTAINED IN THE ADMISSION TO HIGHER EDUCATION INSTITUTIONS IN AZERBAIJAN | Conference Paper | Proceeding of the 37th International Scientific Conference on Economic and Social Development - "Socio Economic Problems of Sustainable Development. 14-15 February, 2019. Baku, Azerbaijan. WOS:000471844300109 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=SourceByDais&qid=4&SID=E1e | Yagubov S.M., Hasanli Y.H., Rahimli G. | Eng |

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|---------------------|--|------------------|---|--|-----|
| | | | T7wGYHKzKytafDNC&page=1&doc=1 <i>Indexed by WoS</i> | | |
| 524 | Perspectives of Development of Educational Clusters in the Regions of Azerbaijan | Article | Azerbaijan State University of Economics Scientific Reviews. Year 7, Vol.7, Oct.-Dec.2019, pp.17-27. | - | Az |
| 532 | Issues of shaping the students' professional and terminological competence in science area of expertise in the sustainable development era | Conference paper | E3S Web of Conferences 166, 10031 (2020), ICSF 2020 https://doi.org/10.1051/e3sconf/202016610031 <i>Indexed by Scopus</i> | Olena Lavrentieva, Victoria Pererva, Oleksandr Krupskyi, Igor Britchenko | Eng |
| 543 | Econometric estimation of the impact of integration of education and science on sustainable development (on the example of CIS countries, Ukraine and Georgia) | Conference paper | Proceeding of the 55th International Scientific Conference on Economic and Social Development - "Socio Economic Problems of Sustainable Development. 24 June, 2020. Baku, Azerbaijan, pp.429-436. | Hasanli Y., Najafov S., Krupskyi O. | Eng |
| 554 | Econometric Evaluation of the Impact of Education Level on Human Development in Azerbaijan | Article | Azerbaijan State University of Economics Scientific Reviews. Year 8, Volume 8. October-December 2020. pp.17-28. | - | Az |
| 565 | Econometric Evaluation of Impact of Education Quality on Economic Growth in Azerbaijan | Article | Turkish Journal of Computer and Mathematics Education. Vol.12 No.6 (2021), 1397-1404 https://turcomat.org/index.php/turkbil | Nazim Hajiyev, Yadulla Hasanli | Eng |

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| | | | mat/article/view/2484 DOI: https://doi.org/10.17762/turcomat.v12i6.2484 | | |
| 576 | Econometric Evaluation of the Impact of Education Level and Science in Poverty Rate: the Case of Azerbaijan | Conference paper | Proceeding of the 70th International Scientific Conference on Economic and Social Development - "Socio Economic Problems of Sustainable Development. 25 June, 2021. Baku, Azerbaijan, pp.689-695. https://esd-conference.com/upload/book_of_proceedings/Book_of_Proceedings_esdBaku2021_Online.pdf | Hasanli Y. | Eng |
| 587 | The State of Dissemination of Open Research Data in Ukraine and the World: Bibliometric Analysis | Article | European Journal of Management Issues, 29(4), (2021), 209-217. doi:10.15421/192120 | Boiko, A., Kramarenko, O., | Eng |
| 598 | Evaluation of the effects of education, science and culture expenditures on the different sectors of the economy and on GDP and on workplaces | Article | Azerbaijan State University of Economics Scientific Reviews. Year 9, Volume 9. July – September 2021. pp. 5-18. | Rahimli G. | Az |
| 605 9 | Some qualitative problems of science in Azerbaijan | Conference paper | Proceeding of the Republican scientific conference "Azerbaijan's economy in the years of independence". UNEC, Baku, October 15, 2021. Baku, 'Iqtisad Universiteti', 2022. pp.225-233. | - | Az |

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| 610 | Analysis of the influence of price levels in education and science on the level of equilibrium prices in the country | Article | İPƏK YOLU, No.1, 2022, pp. 80-93. https://www.au.edu.az/upload-files/menu/ipekyolu/2022_01/9shabanov.pdf | - | Az |
| 621 | Assessment of the effect of education and R&D expenditures on the volume of fixed-assets in Azerbaijan | Conference paper | Proceeding of the 8 th Int. Conf. on COIA, Vol.1, 24 - 26 August 2022, Baku, Azerbaijan. Pp.216-218. | Hasanli Y. | Eng |
| 632 | Econometric Assessment of the Impact of the Level of Education on the Income of the Population in Azerbaijan | Conference paper | Proceedings book of the Int. conf. on Economics "Regional Development - Digital Economy". UNEC, 02-03 December 2022, Baku, Azerbaijan. Pp.83-88. https://www.iksadkongre.com/files/ugd/614b1f_4c668d6b71e6463a87374989806832c0.pdf | - | Az |
| 643 | Econometric assessment of the relationship between the income of the population and the global competitiveness in Azerbaijan <u>Econometric Assessment of the Impact of Competitiveness on the Income of the Population in Azerbaijan</u> | Article <u>Conference paper</u> (is processed) | Azerbaijan State University of Economics Scientific Reviews. Year 10, Volume 10. July—September 2023, pp. <u>Всеукраїнська науково-практична конференція з науково-педагогічним стажуванням для освітян 31 травня 2023 року – Дніпро, Україна, -"CHALLENGES AND ISSUES OF MODERN SCIENCE"., 2023, Vol.1. pp.501-507.</u> | <u>Hasanli Y.-</u> | <u>Eng</u> <u>Az</u> |

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| | | | https://fti.dp.ua/conf/2023/06057-1257/ DOI 10.6084/M9.FIGSHARE.22886720 XX-YY. | | |
| 654 | The impact of monetary policy on firms' efficiency Bəzi kənd təsərrüfatı məhsullarının istehsalı və istehlakının modeləşdirilməsi və proqnozlaşdırılması | Article Məqalə (İşlənir) | Available at SSRN 4345680 | Aliagha Gasimov, Salman Najafov | AzE ng |
| 665 | INFORMATION AND COGNITIVE TECHNOLOGIES AS A MODERN EDUCATIONAL TREND AND SOCIAL INNOVATION | Conference paper | 1st Intern. Sci. ent. Conf. for graduate and postgraduate students and researchers "THEORY AND PRACTICE OF THE EXPERT'S PROFESSIONAL FORMATION IN THE INNOVATIVE SOCIOCULTURAL AREA", 2023/4/5, pp.211-219. | Olena Lavrentieva | Eng |
| 676 | Təhsilin İqtisadiyyata Təsirlərinin Qiymətləndirilməsi: Multiplikator və Ekonometrik Modeller | Konfrans məruzəsi | “İQTİSADİYYAT VƏ İDARƏETMƏ” SAHƏSİNDƏ TƏDQİQATÇILARIN BEYNƏLXALQ ELMİ KONFRANSI (ISCEMR-2023), s.65. cf7d7-konfrans-xuelas-l-r-kitabi-2023.pdf (conferences.az) | Yadulla Hasanli Günay Rəhimli | Az |
| 687 | Econometric analysis and forecasting of agricultural production in Azerbaijan | Conference paper in progress | https://www.aict.info/?ese=2023 IEEE The 17th IEEE International Conference. Application of Information and Communication Technologies – AICT2023. 18-20 Oct 2023 Baku, Azerbaijan. 18-20 Oct | Yadulla Hasanli, Rasul Balayev, Arzu Taghiyeva | Eng |

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| | | | 2023. Conference Proceedings. Pp.296-301. http://dx.doi.org/10.1109/AICT59525.2023.10313164/Pei.cyber.az 2023. | | |
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