

**List of Published Scientific Articles by Sardar Ahmadiyya Shabanov in 1986-2021**

<b>№</b>	<b>Title of Article</b>	<b>Kind of Paper</b>	<b>Publishing house, journal</b>	<b>Co-author</b>
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.
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.
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	-
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	-

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.
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	-
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	-
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	-
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	-
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	-
11	<b>The Development of Consulting and Supervising Training Systems Based on Knowledge</b>	<b>Athor's Thesis Abstract</b>	<b>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</b>	-

			<b>Azerbaijan, 1996</b>	
12	Designing of Training Knowledge Bases	Conference paper	Proceedings of Conf. "New information technologies and problems of applied mathematics", Baku, BSU Publish., 1997	-
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	-
14	Collection of Syllabus on the Department of Economic Cybernetics	Curriculum	Azer.State Univ. of Econ. Publishing, Baku, 1999	Musayev B.S. and etc.
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.	-
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.
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.

			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 July 2003.	Musayev B., Hajizalov Y.
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	-
20	A Set of Syllabus on a Bachelor's Degree	Curriculum	UNEC Publishing, Baku, 2004	Musayev B.S. and etc.
21	Solution of Economic-Mathematical Models with EXCEL (in russian)	methodical materials	Baku, UNEC Publishing, 2004. – 54 p.	-
22	Innovation Project of “DEVELOPMENT “	Conference paper	Report of State Budget Scientific Research Work of UNEC in 2005. Unec Publishing, Baku, 2006.	-
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	-

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. <a href="http://www.vstu.edu.ua/ies2006/">http://www.vstu.edu.ua/ies2006/</a>	-
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. <a href="http://www.pci2006.science.az/6/04.pdf">http://www.pci2006.science.az/6/04.pdf</a>	-

26	The Solution of Economic-Mathematical Models in EXCEL (in azerbaijani)	methodical materials	Baku, UNEC Publishing, 2007. 54 pp.	-
27	Complex Estimating of the Scientific Activities of the Researchers	Conference paper	Proceedings of Conference "Cybernetics and Informatics Problems", 10-12 September 2008, Baku. <a href="http://www.pci2008.science.az/1/29.pdf">http://www.pci2008.science.az/1/29.pdf</a>	-
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	-
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. <a href="http://www.science.az/cyber/journal/2009/3-16.pdf">http://www.science.az/cyber/journal/2009/3-16.pdf</a>	Abdullayeva G.A.
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.
31	Information System for Assessing the Quality		AICT 2009- Proceeding of the IEEE	Hajiev A.H.,

	of Scientific Activities	Compact Disk	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	Salmanov F.M.
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.
33	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.
34	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, <b>doi:</b> <b>10.1109/ICAICT.2011.6110926.</b> <i>Indexed by SCOPUS</i>	Abbasov A.M., Hajiev A.H.
35	Software for Management of the Economy	Syllabus for Bs.	UNEC Publishing, Baku, 2012	-
36	Evaluating the Scientific Achievements of Universities in Azerbaijan	Article	“Tertiary Education and Society” . 2013, №1, pp.14-19. ISBN 978-9952-32-169-2	-

37	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 <a href="http://static.bsu.az/w24/piam%20v2n1/72-83%20Shabanov.pdf">http://static.bsu.az/w24/piam%20v2n1/72-83%20Shabanov.pdf</a>	-
38	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, <b>doi:10.1109/ICAICT.2013.6722751.</b>  <i>Indexed by Web of Science and SCOPUS</i>	Abbasov A.M., Haciyev A.H.
39	Building Information Base of the Input-Output Model	Article	Journal of Qafqaz University – Economic and Administration, 2014, vol.2, n.2, pp.170-177. <a href="http://www.journal.qu.edu.az/content.php?page=article&amp;archive=yes&amp;j_id=1103&amp;s_id=105&amp;a_id=1417">http://www.journal.qu.edu.az/content.php?page=article&amp;archive=yes&amp;j_id=1103&amp;s_id=105&amp;a_id=1417</a>	-
40	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. <b><a href="http://www.coia-conf.org/en/view/pages/5">http://www.coia-conf.org/en/view/pages/5</a></b>	-
41	Evaluation of Quality of Education in Azerbaijan		Proceedings of Intern. Conf. "Sustainable Economic Development:	



		Conference paper	Challenges, Perspectives" (April 27-28, 2016). Part II, pp.475-478. Sumgayit State Univ. Printing house, 2016.	-
42	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. <a href="https://doi.org/10.1109/ICAICT.2016.7991791">https://doi.org/10.1109/ICAICT.2016.7991791</a>  <i>Indexed by SCOPUS</i>	Guliyev F.
43	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.
44	Education Quality Indicators: International Experience	Article	Scientific Review of Azerbaijan State University of Economics, Year 5, Volume 5, October-December 2017. pp.69-76.	-
45	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.
46	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.

47	The problem of applying “week” scientometric indicators in Azerbaijan	Article	“Statistics Reviews” , 2018. №2. s.5-9. ISSN 2413-6557.	-
48	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. <b>WOS:000463893800058</b> <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=SourceByDais&amp;qid=9&amp;SID=E1eT7wGYHKzKytafDNC&amp;page=1&amp;doc=3">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=SourceByDais&amp;qid=9&amp;SID=E1eT7wGYHKzKytafDNC&amp;page=1&amp;doc=3</a>	Hasanli Y.
49	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. <b>WOS:000471844300151</b> <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=SourceByDais&amp;qid=6&amp;SID=E1eT7wGYHKzKytafDNC&amp;page=1&amp;doc=2">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=SourceByDais&amp;qid=6&amp;SID=E1eT7wGYHKzKytafDNC&amp;page=1&amp;doc=2</a>	Muradov A.J., Hasanli Y.H., Hajiyev N.O.
50	ASSESSMENT OF DISTRIBUTION OF EXAMINATION POINTS AND PASSING SCORES OF EXAMS OBTAINED IN THE ADMISSION TO HIGHER EDUCATION	Conference Paper	Proceeding of the 37th International Scientific Conference on Economic and Social Development - "Socio Economic Problems of Sustainable	Yagubov S.M., Hasanli Y.H., Rahimli G.

	INSTITUTIONS IN AZERBAIJAN		Development. 14-15 February, 2019. Baku, Azerbaijan. <b>WOS:000471844300109</b> <a href="https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=SourceByDais&amp;qid=4&amp;SID=E1eT7wGYHKzKytafDNC&amp;page=1&amp;doc=1">https://apps.webofknowledge.com/full_record.do?product=WOS&amp;search_mode=SourceByDais&amp;qid=4&amp;SID=E1eT7wGYHKzKytafDNC&amp;page=1&amp;doc=1</a>	
51	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.	-
52	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 <a href="https://doi.org/10.1051/e3sconf/202016610031">https://doi.org/10.1051/e3sconf/202016610031</a> <i>Indexed by Scopus</i>	Olena Lavrentieva, Victoria Pererva, Oleksandr Krupskyi, Igor Britchenko
53	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.
54	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.	-

55	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 <a href="https://turcomat.org/index.php/turkbilmat/article/view/2484">https://turcomat.org/index.php/turkbilmat/article/view/2484</a>  <b>DOI:</b> <a href="https://doi.org/10.17762/turcomat.v12i6.2484">https://doi.org/10.17762/turcomat.v12i6.2484</a>	Nazim Hajiyev, Yadulla Hasanli
56	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.  <a href="https://esd-conference.com/upload/book_of_proceedings/Book_of_Proceedings_esdBaku2021_Online.pdf">https://esd-conference.com/upload/book_of_proceedings/Book_of_Proceedings_esdBaku2021_Online.pdf</a>	Hasanli Y.
57	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. <b>doi:10.15421/192120</b>	Boiko, A., Kramarenko, O.,
58	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.	-

59	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.
60	Evaluation of the effects of the education and science prices rates on the equilibrium prices rates in the country	Article (in printing)	İPƏK YOLU, No.1, 2022, pp. XX-YY.	-