



PROF. DR. ISLAM ISLAMOV

DEPARTMENT OF AUTOMATION,
TELECOMMUNICATIONS AND POWER
ENGINEERING AT BAKU UNIVERSITY FACULTY OF
ENGINEERING, AZERBAIJAN

FACULTY MEMBER

DISSERTATIONS (SCIENTIFIC DEGREES AND SCIENTIFIC NAMES)

1. By the decision of the High Attestation Commission under the President of the Republic of Azerbaijan, 2002 was the Candidate of Technical Sciences (PhD).
2. By the decision of the High Attestation Commission under the President of the Republic of Azerbaijan, the Associate Professor was named in 2008.
3. By the decision of the High Attestation Commission under the President of the Republic of Azerbaijan, the doctor of technical sciences in 2022 received a professor degree.

EDUCATION

NAME AND LOCATION OF INSTITUTE	FACULTY/SPECIAL TY	YEAR ENTERED - YEAR GRADUATE D	DEGREE (BACHELOR, MASTER ETC.)	DIPLOMA №	ENTRANCE SCORE
Azerbaijan Technical University, H. Javid Avenue 25, Baku, Azerbaijan, AZ 1073	Information and telecommunicati ons technologies (then Radio Engineering)	1986-1992	Engineer	ЛБ №845950	In 1985, he was admitted to AzTU after showing high results in the entrance exams.

Azerbaijan Technical University, H. Javid Avenue 25, Baku, Azerbaijan, AZ 1073	Doctorate	1997-2000	Candidate of Technical Sciences (PhD), Associate Professor	EN №02483	
Azerbaijan Technical University, H. Javid Avenue 25, Baku, Azerbaijan, AZ 1073	Doctorate	2014-2018	Doctor of Technical Sciences	ED №02114	

TASKS PERFORMED IN PROJECTS	<ol style="list-style-type: none"> 1. Participated In competitions In 4 projects of the Science Foundation of the Republic of Azerbaijan. 2. Participated In a grant project of the Ministry of Digital Development and Transport of the Republic of Azerbaijan.
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IT SKILLS

- ✓ Hardware and software - Knowledge level
- ✓ Windows - Excellent
- ✓ Microsoft Office Word - Excellent
- ✓ Microsoft Office Excel - Excellent
- ✓ AutoCAD - Excellent
- ✓ Microsoft Office PowerPoint - Excellent
- ✓ Microsoft Access - Excellent
- ✓ PageMarker, QuarkXpress – Excellent

LANGUAGE SKILLS


Languages	Speaking			Reading/Writing			Understanding		
	Level of knowledge								
	Excel.t	Good	Poor	Excel.t	Good	Poor	Excel.t	Good	Poor
Azerbaijani	+			+			+		
Turkish	+			+			+		
English		+			+			+	
Russian	+			+			+		

WORK EXPERIENCE

NAME OF THE WORKPLACE	POSITION
Azerbaijan Technical University	Senior laboratory assistant of the department of Technical Electrodynamics and Microwave Devices (1993-2000)
	Assistant at the Department of Electrodynamics and Radio Electronic Devices (2000-2003)
	Senior lecturer at the department of Electrodynamics and Radio Electronic Devices (2003-2006)
	Associate Professor at the Department of Electrodynamics and Radio Electronic Devices (currently the Department of Radio Engineering and Telecommunications) (2006-2023)
	Deputy Dean for Academic Affairs of the Faculty of Radio Engineering and Telecommunications (now the Faculty of Information and Telecommunication Technologies) (2006-2011)
	Director of the Department of Science and Innovations (2017-2019)
	Professor of the Department of Radio Engineering and Telecommunications (2023)
National Aerospace Agency	Professor at the Institute for Space Research of Natural Resources (2022 to present)
National Defense University	Professor at the Military Scientific Research Institute (2023 to present)
Baku Engineering University	Professor of the Department of Automation, Telecommunications and Power Engineering (currently)

SCIENTIFIC AND PEDAGOGICAL ACTIVITIES

NUMBER OF SCIENTIFIC AND EDUCATIONAL-METHODOLOGICAL WORKS	350 (three hundred and fifty)
NUMBER OF TEXTBOOKS	6 (six)
NUMBER OF TEACHING AIDS	11 (eleven)
NUMBER OF MONOGRAPHS	7 (seven)
CANDIDATE OF TECHNICAL SCIENCES (PHD)	2002, majoring in Radio Engineering devices and telecommunication means

ASSOCIATE PROFESSOR	2002, majoring in Radio Engineering devices and telecommunication means												
DOCTOR OF TECHNICAL SCIENCES, PROFESSOR	In 2022, in the specialty 3325.01-Telecommunication Technology												
COUNTRIES WHERE SCIENTIFIC ARTICLES ARE PUBLISHED	USA, England, Italy, Germany, France, Austria, Romania, Venezuela, Canada, Turkey, Japan, China, Korea, India, Indonesia, Lithuania, Latvia, Poland, Slovenia, Iran, Russia, Ukraine, Belarus												
THE NUMBER OF CITATIONS TO SCIENTIFIC ARTICLES CURRENTLY IN THE GOOGLE SCHOLAR SCIENTIFIC DATABASE	<div>490 (four hundred and ninety)</div> <div>https://scholar.google.com/citations?user=HC36dv8AAAAJ&hl=en</div> <div><div></div><div><div>Islam Islamov</div><div>Baku Engineering University Verified email at beu.edu.az Radioengineering and Tele...</div></div></div> <div><div><div>Cited by</div><div>VIEW ALL</div></div><table><thead><tr><th></th><th>All</th><th>Since 2020</th></tr></thead><tbody><tr><td>Citations</td><td>490</td><td>425</td></tr><tr><td>h-index</td><td>15</td><td>13</td></tr><tr><td>i10-index</td><td>19</td><td>15</td></tr></tbody></table><div></div></div>		All	Since 2020	Citations	490	425	h-index	15	13	i10-index	19	15
	All	Since 2020											
Citations	490	425											
h-index	15	13											
i10-index	19	15											
H-INDEX (GOOGLE SCHOLAR)	15 (fifteen)												
I10-INDEX (GOOGLE SCHOLAR)	19 (nineteen)												
CLARIVATE ANALYTICS WEB OF SCIENCE CERTIFICATIONS	<div>2 (two)</div> <div></div>												
ARTICLES AND REFERENCES IN THE SCIENTIFIC DATABASE	https://www.webofscience.com/wos/author/record/GXF-4546-2022												



Islam Jamal Islamov ✓

(Islamov, Islam) | Baku Engineering University

Identifiers

Web of Science ResearcherID: GXF-4546-2022

<https://orcid.org/0000-0001-8645-0640>

Published names

Islamov, I. J. Islamov, Islam Islamov, Islam J. Islamov, IJ

Organizations

Baku Engineering University

Subject Categories

Engineering; Telecommunications; Transportation; Automation & Control Systems; Remote Sensing

Metrics

← Open dashboard

Profile summary

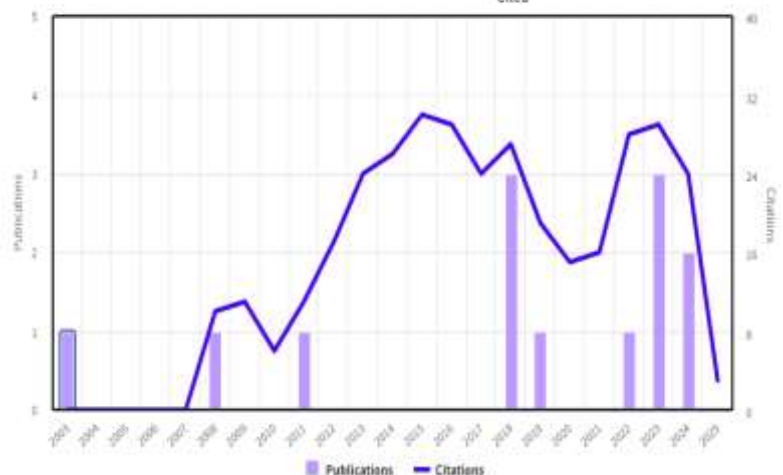
17	Total documents
10	Publications indexed in Web of Science
10	Web of Science Core Collection publications
0	Preprints
0	Dissertations or Theses
7	Non-indexed publications
0	Verified peer reviews
0	Verified editor records
0	Awarded grants

Web of Science Core Collection metrics

6	10
H-Index	Publications
192	166
Sum of Times Cited	Citing Articles
3	3
Sum of Times Cited by Patents	Citing Patents
0	0
Sum of Times Cited by Policy	Citing Policy Documents

Times Cited and Publications Over Time

10	192	6
Publications	Sum of Times Cited	H-Index



<p>CITATIONS TO ARTICLES IN THE SCIENTIFIC DATABASE SCOPUS</p>	<p>https://www.scopus.com/authid/detail.uri?authorId=56941786100</p>  <p>The image shows the Scopus profile of Islamov, Islam Jamal. It includes the Scopus logo, the author's name, affiliation (Baku Engineering University, Absheron, Azerbaijan), Scopus ID (56941786100), and ORCID ID (0000-0001-8645-0640). Below this, statistics are shown: 222 citations by 48 documents, 34 documents, and an h-index of 10. A bar and line chart displays the number of documents and citations from 2000 to 2025. The chart shows a significant increase in both metrics starting around 2018, peaking in 2023.</p>
<p>CITATIONS TO ARTICLES IN THE SCIENTIFIC DATABASE RESEARCHGATE</p>	<p>https://www.researchgate.net/profile/Islam-Islamov</p>  <p>The image shows the ResearchGate profile of Islam Islamov. It includes a profile picture, the name Islam Islamov, and the title Professor at Baku Engineering University, Baku, Azerbaijan. Contact information is provided: isislamov@beu.edu.az; icislamov@mail.ru; islamjamalislamov@gmail.com. The profile also displays a Research Interest Score of 265.2, 574 Citations, and an h-index of 12.</p>
<p>ORCID</p>	<p>https://orcid.org/0000-0001-8645-0640</p>
<p>ARTICLES PUBLISHED IN JOURNALS SUCH AS SCI- E, SSCI, AHCI</p>	<p>45 (forty-five) articles have been published in journals of this category</p>
<p>ARTICLES PUBLISHED IN OTHER INDEXED JOURNALS</p>	<p>Articles published in other indexed journals - 55 (fifty-five)</p>
<p>ARTICLES PUBLISHED IN NATIONAL PEER- REVIEWED JOURNALS</p>	<p>Articles published in national peer-reviewed journals - 60 (sixty)</p>

ARTICLES PRESENTED AT NATIONAL/INTERNATIONAL CONFERENCES AND PUBLISHED IN SCIENTIFIC BOOKS	Articles presented at national and international conferences and published in scientific books - 95 (ninety-five)
MONOGRAPHS	<p>1. Islamov, I. J. Numerical modeling of electromagnetic fields in microwave elements and devices, Baku, Science Publishing House, 2005, 250 p. (in Russian).</p> <p>2. Islamov, I. J. Electrodynamics and radioecology, Baku, Science Publishing House, 2011, 609 p. (in Azerbaijani).</p> <p>3. Islamov, I. J. Optimal synthesis of microwave devices, Baku, Science Publishing House, 2007, 226 p. (in Azerbaijani).</p> <p>4. Islamov, I. J. Modeling of electromagnetic fields of microwave telecommunication devices, LAP Lambert Academic Publishing, 2014, 239 p. (in Russian).</p> <p>5. Islamov, I. J. Modeling and synthesis of microwave radio engineering and telecommunications systems of the waveguide type. Baku, Science Publishing House, 2022, 414 p. (in Azerbaijani).</p> <p>6. Islamov, I. J. Radio Engineering and Telecommunications Waveguide Systems in the Microwave Range: Modeling and Synthesis, Springer, 2023, 319 p.</p> <p>7. Islamov, I. J. Modeling of Antenna and Waveguide Devices for Wireless and Satellite Communications Systems, Springer, 2024, 259 p.</p>
QUALITATIVE AND QUANTITATIVE INDICATORS OF SCIENTIFIC AND PEDAGOGICAL ACTIVITY	<p>Currently, he is the author of more than 350 scientific and methodological works, including 6 textbooks, 7 monographs, and 11 teaching aids. His scientific articles have been published in international scientific journals with a high impact factor in the USA, England, Italy, Germany, France, Austria, Romania, Venezuela, Canada, Turkey, Japan, China, Korea, India, Indonesia, Lithuania, Latvia, Poland, Slovenia, Iran, Russia, Ukraine, Belarus and other countries. In 2014, 1 monograph was published in the prestigious German publishing house Lambert. In 2023 and 2024, 2 monographs were published in the Springer Nature publishing house. He was the executive secretary of the scientific and technical journal "Scientific Works" of Azerbaijan Technical University. He was the head of the state-funded scientific and research work carried out at the Radio Engineering and Telecommunications department of Azerbaijan Technical University. He has been awarded diplomas and awards from the Ministry of Science and Education of the Republic of Azerbaijan, the Ministry of Digital Development and Transport of the Republic of Azerbaijan and other Ministries, including Clarivate Analytics Web of Science. He has close scientific cooperation with the Institutes of Information Technologies, Mechanics and Mathematics, Radiation Problems, including the Radio-Television Broadcasting and Satellite Communication</p>

	Production Association of the Ministry of Digital Development and Transport of the Republic of Azerbaijan, Baku Telephone Communication LLC, Aztelekom LLC, State Radio Frequencies Administration, the National Aerospace Agency of the Ministry of Defense Industry of the Republic of Azerbaijan and its institutes, Scientific Research Institute, Satellite Plant, Flame Plant, Radio Assembly Plant.
PATENTS	Number of patents - 4 (four)
EDITORIAL ACTIVITY	<p>1. He worked as the executive secretary of the scientific and technical journal Scientific Works of AzTU (2013-2018).</p> <p>2. He is currently a member of the editorial board of various internationally renowned scientific journals with impact factors based on Web of Science and Scopus.</p>
SCIENTIFIC INTERESTS	Analysis and optimal synthesis of microwave telecommunication devices; mathematical modeling of radio engineering systems; radio physics; radio ecology; radio engineering, radio navigation, radar and television systems and devices; mathematical modeling.
EXPERT ACTIVITY	<p>1. In 2015-2019, he worked as an independent expert in the Commission on Civil Service Issues under the President of the Republic of Azerbaijan.</p> <p>2. He is an expert on the accreditation assessment of educational programs and universities of the Quality Assurance Agency in Education.</p>
SUBJECTS TAUGHT	<p>Mainly teaches the following subjects:</p> <p>- at the bachelor's level:</p> <ol style="list-style-type: none"> 1. Radio transmitter, radio receiver and antenna devices. 2. Electrodynamics and propagation of radio waves. 3. Design of radio electronic devices. 4. Radio control. 5. International radio communication and radio exchange. 6. Microwave electronic and quantum devices. 7. Antennas and microwave systems. 8. Fundamentals of television and video technology. 9. Radar and radio navigation systems. 10. Digital processing of signals. <p>- at the master's level:</p> <ol style="list-style-type: none"> 1. Theoretical foundations of radio electronic warfare.

	<p>2. Development of radar systems.</p> <p>3. Study of objects and environments by location methods.</p> <p>4. Ultra-high frequency electronic and quantum devices.</p> <p>5. Signal reception and processing devices.</p> <p>6. Signal generation and shaping devices.</p> <p>7. Statistical signal processing.</p> <p>8. Analytical methods in electromagnetic wave theory.</p> <p>9. Information analytics and diagnostics in sociotechnical systems.</p> <p>10. Satellite broadcasting and communication systems.</p> <p>11. Mobile radio communication and broadcasting systems.</p> <p>12. Microprocessor radio communication devices.</p> <p>13. Computer modeling of radio technical devices.</p> <p>14. Experimental determination of the characteristics of antenna-feeder devices.</p> <p>15. Theoretical issues of ultra-high frequency and antenna-feeder devices.</p> <p>16. Special issues of ultra-high frequency and antenna-feeder devices.</p>
ACTIVITIES IN THE DISSERTATION COUNCILS SEMINAR	<p>He is a member of the seminars of specialized defense councils operating at the National Defense University and the Institute of Information Technologies of the Ministry of Science and Education.</p>