

Curriculum Vitae of Prof. Ahmed-Fouad Ali Basha

(A) Biography

(B) List of Arabic Publications

I – Published Books on Scientific Thought and Arab Culture. (23 Books)

II – Educational Textbooks and References (Jointly or Alone). (7 Books)

III – Arabic Translations of Scientific References (Jointly or Alone). (14 Books)

IV – Arabic Scientific Culture for Children, Youth and General Public (translated or written). (23 Books)

V – Arabic scientific manuscripts. (18 Books)

VI – Encyclopedias and Dictionaries. (14 Work)

VII – Arabic Scientific Culture (Studies and Articles). (113 Work)

(C) Conferences and Seminars.

(D) List of text books translated from Russian to English

(E) Scientific Publications

(F) Studies and articles about A.F. Basha

(G) Honors and awards

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(A) Biograohy

- Born in November 1942 at Sharkia, Arab Republic of Egypt.
- Professor Emeritus of Physics, Faculty of Science, Cairo University.
- Professor at the Heritage Department, Research and Studies Institute ALECSO, Cairo.
- Chairman of the basic science, environmental science and biotechnology sector at Supreme Council of Egyptian Universities.
- Former member of the Advisory Council of the Ministry of Higher Education.
- Former Vice President of Cairo University for Community Service and Environmental Development.
- President Advisor of Cairo University for Community Service and Environmental Development (previously).
- Vice President of Center of foreign languages and specialized translation at Cairo University (previously).
- Chairman of the boards of directors of the centers and units of a special nature, Faculty of Science, Cairo University (previously).
- Deputy Chairman of the boards of directors of centers and units of a special nature, formerly, at the University of Cairo.
- Former Dean of the Faculty of Science at Cairo University.
- Vice Dean of Faculty of Science at Cairo University for Community Service and Environmental Development (previously).
- Member of the Egyptian Scientific Academy in Cairo.
- Member of the Arabic Language Academy and its Bureau in Cairo, and member of the Scientific Council of the Union of Arab Language Academies.
- Member of the editorial board of the Magazine of Arabic Language Academy in Cairo.
- Member of the Advisory Board and the Scientific Committee of the National Center for translation.
- Member of the Supreme Council for Islamic Affairs (Committee on Science and civilization, and the Committee on the definition of Islam).
- Member of the Council for the qualitative culture and knowledge, Academy of Scientific Research.
- Member of the Scientific Professions Syndicate.
- Member of the National Committee for Pure and Applied Physics Academy of Scientific Research.

- Rapporteur of the National Committee for History and Philosophy of Science, Academy of Scientific Research.
- Rapporteur of the Committee on Environmental Culture and member of the committee on scientific culture, Supreme Council of Culture (previously).
- Member of the Scientific Committee of the Center for the editing of Heritage, National Library and Archives.
- Member of the Standing Committee for the Protection of manuscripts, National Library and Archives.
- Founder and editor-in-chief of the series "Our Scientific Heritage," National Library and Archives.
- Member of the Egyptian Physical Society.
- Member of the Egyptian Society of Physical and Mathematical Sciences.
- Member of the Egyptian Society for Materials Science and its applications.
- Board Member of the Egyptian Society for the History of Science.
- Member of the Advisory Board of the Institute of Arabic manuscripts in Cairo.
- Member of the Egyptian Society for the Arabization of Science (and a founding member).
- Chairman of the Board of Directors of the scientific heritage of Islamic civilization (and a founding member).
- Member of the Lisan Al-Arab Society for the care of the Arabic language.
- Member of the Committee on Scientific miracle in the Qur'an and Sunnah, the Islamic Research Academy, Al-Azhar.
- Member of the National Bioethics Committee of UNESCO.
- Member of the Committee of Science and Technology at the Library of Alexandria.
- Member of the Board of Management of Science Museum and Planetarium at the Bibliotheca Alexandrina.
- Member of the Committee for Scientific and Cultural National Council for Childhood and Motherhood.
- Member of the Ethics Division of Natural Sciences Academy of Scientific Research.
- Member of the Executive Committee of the channel of scientific research (space lighthouse), Almanarah.
- Member of the Board of Trustees of the Center of Arab heritage at the University of Science and Technology.
- Member of the Scientific Advisory Board of the Center for Cognitive Studies, Cairo.
- Member of the International Commission of Experts of the Center of Mohammed bin Hamad Al Thani for the contributions of Muslims in civilization Hamad bin Khalifa of Qatar University.

Scientific and intellectual activities:

- Scientific production in the field of physics is more than 40 papers, published in specialized magazines, and has been much cited from his research in various scientific journals. (AF Basha citation). Shares supervision, arbitration, discussion or guidance, review and follow-up for a large number of postgraduate studies in the fields of physics, philosophy of science and the editing of scientific heritage in Egyptian and Arab universities, as well as arbitration of researches in the standing committees to upgrade the teaching staff in Egyptian universities members, and the arbitration of researches submitted for publication in specialized scientific journals, and the arbitration of works submitted for the local, Arab and international awards.
- Shares in the establishment of "materials physics and Polymer Science" laboratory, Department of Physics, Faculty of Science, Cairo University, and has a scientific school in the field of "solid state physics."
- Seconded to work at the Faculty of Science of Sana'a University and founded the Solid State Physics Research Laboratory during the period 1980-1985.
- Participated in many conferences and seminars specialized in the physical sciences, and involved on philosophy of science and scientific heritage and culture, education and scientific research issues, and the issues of the Islamic scientific thought.
- enriched the Arabic library yet (alone or jointly) of about 90 books and references (an author, translator or editor) in pure and applied sciences, and in scientific culture for children and youth, and in the fields of scientific Islamic thought, in addition to his participation in several cultural and scientific dictionaries.
- Shares in many of the conversations and radio and television programs in science and scientific thought and wrote hundreds of articles in various newspapers and magazines.
- Contributed to the development of community service sector and Environmental Development at Cairo University, the establishment and development of new centers with a special nature to carry out consulting studies in the fields of space, science, environment, risk reduction, technological planning, Heritage studies, and others, to attend the University effectively as the think tank in Applied and technological related projects, locally, nationally and internationally.
- Participated in the evaluation and follow-up of the implementation of several environmental projects and researches carried out by the Cairo University and Academy of Scientific Research and Technology.

(B) List of Arabic Publications

I – Published Books on Scientific Thought and Arab Culture:

1. Al-Turath Al-Elmi Lil-Hadarah Al-Islamiyyah Wa Makanatoh Fi Tareekh Al-I'lm Wal-Hadharah (*Scientific Heritage of the Islamic Civilization and its Place in the History of Science and Civilization*), 1st edition, Dar al-Maa'rif, Cairo, 1983, 200pp.
2. Falsafat Al-Oloom Bi-Nazrah Islamiyyah (*Philosophy of Science from an Islamic View*), 1st edition, Dar al-Maa'rif, Cairo, 1983, 186pp; 2nd edition, Kitab al-Arabiyyah (130), Riyadh, KSA, 2013, 233pp.

3. Al-Thaqafah Al-Islamiyyah (*The Islamic Culture*), Jointly, Sanaa' University, 1985, 416pp; 3rd edition, 1988, 488pp.
4. Al-Oloom Al-Kawniyyah Fi-Al-Turath Al-Islami (*Natural Sciences in the Islamic Heritage*), released in Arabic and English, Kitab Magallat Al-Azhar, Cairo, 1991, 94pp.
5. Fi Fiq'h Al-I'lm Wa Al-Hadharah (*Towards Deep Understanding of the Terms: Science and Civilization*), Series of Contemporary Issues (20), Supreme Council of Islamic Affairs, Cairo, 1997, 125pp.
6. Asasiyyat Al-Oloom Al-Muasirah fi Al-Turath Al-Islami: Drasat Ta'siliyyah (*Fundamentals of Contemporary Sciences in the Islamic Heritage: Rooting Studies*); 1st edition, Dar Al-Hidayah, Cairo, 1977, 181pp; 2nd edition Maktabat Al-Usrah (Family Library), Cairo, 2007, 226pp.
7. Drasat Islamiyyah Fi-Alfikir Al-Elmi (*Islamic Studies in Scientific Thought*), 1st edition, Dar Al-Hidayah, Cairo, 1997, 197pp; 2nd edition, Maktabat Al-Usrah (Family Library), Cairo, 2009, 197pp.
8. Al-Islam Wa Al-A'wlamah: Mafaheem wa Qadaya (*Islam and Globalization: Concepts and Issues*), Kitab Al-Gumhuriyyah, Dar Al-Tahrir, Cairo, 2000, 168pp
9. Raheeq Al-E'lm wal-Eiman (*Nectar of Science and faith*), Dar Al-Fikr Al-Arabi, Cairo, 2002, 240pp.
10. Al-Turath Al-Elmi Al-Islami: Shayyon min Almady Am Zaad Lilaty (*Scientific Islamic Heritage: Something from the Past or Supply to the Future*), dar Al-Fikr Al-Arabi, Cairo, 2002, 124pp.
11. Fi Al-Tanweer Al-Elmi (*On Scientific Enlightenment*), dar Al-Fikr Al-Arabi, Cairo, 2005, 125pp.
12. Mohadarat Fi Tareekh Al-Elm wa Falsafateh (*Lectures on the History and Philosophy of Science*), Jointly, Cairo University Press, 2007, 190pp.
13. Mushkelat Al-Talawoth wa Taghayyorat Al-Munakh (*Problems of Pollution and Climate Changes*), Dar Al-Fikr Al-Arabi, Cairo, 2008, 152pp.
14. Al-Ataa' El-Elmi Lil-Hadharah Al-Islamiyyah wa Atharoh Fi Al-Hadharah Al-Insaniyyah (*Scientific Achievements of the Islamic Civilization and its Impact on Human Civilization*), Maktabat Al-Bukhari, Cairo, 2008, 464pp.
15. Al-Manhagiyyah Al-Islamiyyah (*Islamic Methodology*), Jointly Two volumes, Dar Alsalam and IIIT, Cairo, 2010, 1086pp.
16. Aafaq Almoasarah Fi Turathona Al-Elmi (Horizons of Modernity in our Scientific Heritage), Maktabat Al-Bokari, Cairo, 2010, 320pp.
17. Al-Ea'mar Al-Hadhari, Faridhah Islamiyyah (Civilized reconstruction is an Islamic duty), Maktbet Al-Bokhari, Cairo, 2011, 384pp.
18. Eimaniyyat Al-Elm (Eiman and Science: An introduction to Epistemology in Islam), Maktbet Al-Bokhari, Cairo, 2013, 470pp.

19. Taghreedat Asriyyah Fi Althaqafah Al-Elmiyya (Contemporary Tweets in Scientific Culture), Dar Al-Fikr Al-Arabi, Cairo, 2013, 192pp.
20. Falsafat Al-Elm Al-Islamiyyah: Modkhalan Liro'yah Kawniyyah Hadhariyyah (Islamic Philosophy of Science: An approach to a civilized worldview), Dar Alsalam and IIIT, Cairo, 2014, 336pp.
21. Kalimat Rabby wa Aayatoh Fi Al-Quran Wa Al-Kawn: Moa'gam Mawsooy (Words of Allah and His Aayat in Quran and Universe: An Encyclopedic Lexicon), The Academy of Arabic Language, Cairo, 2014, 504pp.
22. Al-Hasan Ben Al-Haytham wa maatheroh Al-Elmiyyah (Al-Hasan Ben Al-Haytham and his scientific Achievements). Kitab Al-Arabiyyah, Riyadh, KSA, 2014, 186pp. On the occasion of the International Year of Light (IYL)2015.
23. Al-Moa'gam Al-Tareekhi Li-Mostalahat Al-Riyadahiyyat Wal-Fiziya Fi Al-Turath Al-Islami (Historical Lexicon of Mathematical and Physical Terms in the Islamic Hertiage). To be published.

II – Educational Textbooks and References (Jointly or Alone):

1. Physics for Secondary Schools, First Class, Ministry of Education, Yemen, 1986, 485pp.
2. Optics, Dar Al-Fikr Al-Arabi, Cairo, 1998, 320pp.
3. Solid State Physics, Dar Al-Fikr Al-Arabi, Cairo 2000, 504pp.
4. Biophysics, Dar Al-Fikr Al-Arabi, Cairo, 2001, 358pp.
5. Fundamentals of Physical Sciences, Dar Al-Fikr Al-Arabi, Cairo 2004, 1003pp.
6. Practical Physics and Simulation Experiment, Dar Al-Fikr Al-Arabi, Cairo, 207, 457pp.
7. Physical Sciences for Al-Azhar Secondary Schools, First Class Students, Al-Azhar, Cairo, 2010, 160pp.

III – Arabic Translations of Scientific References (Jointly or Alone):

1. *Theoretical Mechanics and its Applications*, Murray Spiegel, Schaum outline Series (Al-Mikanika Al A'mmah), Al-Ahram Establishment, Cairo, 1977, 512pp.
2. *Practical Physics*, G.L. Squires (AlFizya Al-Amaliyyah), Al-Ahram Establishment, Cairo, 1978, 290pp.
3. *Physical Sciences for Technicians*, W. Bolton (Al-Oloom Al-Fizyaiyyah Lilfanniyeen, Al-Ahram Establishment, Cairo, 1978, 180pp.)
4. *Thermodynamics*, M. Abbott & H. C. Van Ness, Schaum Outline Series (Aldinamika Alharariyyah, Al-Ahram Establishment, Cairo, 1980, 472pp.)
5. *College Physics*, D. Schaum (Al-Ahram Establishment, Cairo, 1980, 428pp.)
6. *College Physics*, F. J Bueche and E. Hecht (AlFizya Al- Gamiya, International House for Cultural Investments, Cairo, 1st edition 2000, 599pp. 3rd edition, 2008).
7. *Principles of Physics*, Buche and Jerde (Asasiyyat Al-Fizya, International House for Cultural Investments, Cairo, 2000, 1157pp.)
8. *Islamic Science and Engineering*, D. Hill (Al-Oloom Wal-Handasah Fi Al-Hadarah Al-Islamiyyah. Alam Al-Maa'rifa , Kuwait, 2004, 322pp.)
9. *The Odd Quantum*, Sam Treiman (Min Al-Tharrah Ela Al-Quark, Alam Al-Maa'rifa, Kuwait, 2006, 351pp.)
10. *Quantum Philosophy*, Roland Omnes (Falsfat Al-Quantum, Alam Al-Maa'rifa, Kuwait, 2008, 783pp.)

11. *Classical Mechanics: Critical Introduction*, M. Cohen (Al-Mikanika Alklasikiyyah: Moqaddemal Naqdiyyah, Hindawi Establishment; <http://www.hindawi.org/books/8046095>)
12. *Solutions of the book "Classical Mechanics"*, Lary Gladny (Holool Al-Mikanaika, AL-Klassikayyah, Hindawi Establishment).
13. *The search for Certainty: A Clash between Probability and its Philosophy*, Krzysztof Burdzy (Albahth an Alyaqeen, National Centre for Translation, Cairo, in process).
14. *Light from the east*, J. Freely (Noor min Al-Sharq, National Centre for Translation, Cairo, to be published).

IV – Arabic Scientific Culture for Children, Youth and General Public (translated or written):

1. *Mickey's question and answer Book*, Ronnie Krauss (Mickey Yasa'l wa Yogeeb, Al-Ahram Centre for translation, Cairo 1996).
2. *Illustrated Encyclopedia for Youth* (Almawsoah Almosawarah lilshabab, Al-Ahram Centre for translation, Cairo, 1986).
3. *Young Scientist, 20 volumes* (Al-alem al-saghir, Al-Ahram Centre for Translation, Cairo, 1986).
4. *Scientific Experiments for Children, 2 volumes* (Tgareb Elmiyyah for Children; Al-Ahram Centre for Translation, Cairo, 1990-1991).
5. *The planet Earth*, New View Series (Kawkab Al-Ardh, Safir Comp., Cairo, 1994).
6. *Rainforest*, Fiona Macdonald (Ghabat Al matar, Safir Comp., Cairo, 1994).
7. *Seas and Oceans*, D. Lambert (Albehar Walmohitat, Safir Comp., Cairo, 1994).
8. *Stars, and Planets* (New view), David Lambert (Alnogoom Walkawakeb, Safir Comp., Cairo, 1994).
9. *Inventors and Inventions*, Child craft, World Book, Inc. (Al-mokhtarion walekhtraat, Al-Bab Al-Maftuh, Al-Ahram Centre for Translation, Cairo 1996; 2 volumes).
10. *Al-Dhaw wal-Hayah* (Light and Life), Safir Comp., Cairo, 1997.
11. *Fasl Al-Maqal fi Dhahert Alzilzal* (Critical Article on the Phenomenon of Earthquake, Kitab Al-Azhar, Cairo, 1998).
12. *Ali Mustafa Mushrrafa, One of 20th Century Pioneers in Science*, Dar Al-Fikr Al-Arabi, Cairo, 1998.
13. *Electricity where it comes from*, Suzanne Mayes, Simplified Beginnings of Science (Min Ayna ta'ty Alkahraba?, Safir Comp., Cairo, 1998).
14. *Why it Rains?* Suzanne Mayer (Lamatha Tamtir Alsama, Safir Comp, Cairo, 1998).
15. *What is inside Earth?* Suzanne Mayer (Mimma tatakawan Al-Ardh? Safir Comp, Cairo, 1998).
16. *Women for Science*, An advisory report, Inter Academy council (IAC) (Almarah wal elm, Alex Library, 2006).
17. *Mustaqbaliyyat Al-Fizya Fi Aalam Mutaghayyer* (Future of Physics in a Varying World, Dar Al-Rashad, Cairo, 2008).
18. *Nahwa Mawsooh Fi Oloom AlFalak Wa Al-fadha* (Toward an Encyclopedia in Astronomy and space Sciences, Dar Al-Fikr Al-Arabi, Cairo, 2008).
19. *Insects in the Garden, Science Around You* (Hashrat fi Al-hadiqah, Safir Comp., Cairo, 2009).
20. *Whiz in the kitchen* (Aziz fi Almatbakh, safir comp., Cairo, 2009).
21. *Shades in the Bedroom* (Thelal fi Ghorfat Al-nawm, Safir Comp., Cairo, 2009).
22. *Bubbles in the Bathroom* (Faqaqie fi Alhammam, Safir Comp., Cairo, 2009).
23. *Teknologia Alnano wa Tawaqqat Almustaqbal* (Nanotechnology and Expectations of the Future). National Council of Youth, Cairo, 2010.

V – Arabic scientific manuscripts:

1. "Extraction of Groundwater", Abu Bakr Mohammed Bin Hassan Alkarjy, scientific review, the Institute of Arabic manuscripts, Cairo, 1997.
2. "Book of Animals", Abu Othman Amr Bin Bahr Aljahez. Editing: Abdul Salam Haron, provision, Althakher edition (7 parts) General Authority for Cultural Palaces, Cairo, 2002.
3. "The Book of the Two Gems (gold and silver)," Abu Muhammad al-Hasan Bin Ahmad Al-Hamdani (280-345) Editing and study, National Library and Archives, Cairo, 2004, 232 pp + summary in English.
4. "Picnic of sight in the properties of the stones", Shamsuddin Ghassani, provision and review, National Library and Archives, Cairo, 2004, 138 pp + summary in English.
5. "Explanation of Postulates of Euclid Book", Hassan Bin Al-Haytham (354-432 AH), provision and review, National Library and documents, Cairo, 2005, 446 pp.
6. Contributions of Arab and Islamic civilization in astronomy, from the reality of scientific manuscripts at the Library of Al-Azhar, Alexandria Library 2006, 125 pp (Released in Arabic, English and French).
7. "Treatise on Astronomy", Ibn Sina, provision and review, National Library and Archives, 1st edition: 2006, 2nd edition: 2014.
8. "Revised Book of Optics for People with Sight and Insights", Kamal Al-Farisi, edition and study (jointly with another), National Library and Archives, Cairo, 2007, 380 pp + summary in English.
9. "Balance in Measurements and Weights", Ali Pasha Mubarak, the Arabic Language Academy, Cairo, 2011, 211 pp.
10. "Clamping Benefits in the Science of Medicine", Abu Faraj Abdul Rahman Bin Al Jawzi (review and prologue), National Library and Documentation, Cairo, 2012.
11. The Canon of Medicine, President Sheikh Ibn Sina, supervision and review, the Center of Arab Heritage, Misr International University, Cairo, 2012.
12. Conceptual lexicon of scientific and technical terms in the Islamic heritage, www.afbasha.com, 2012.
13. "Glossary of Scientific Terms in Islamic Heritage", University of Egypt for Science and Technology, the first edition in 1434 AH -2013 AD
14. "Collection of use and extremely rise in the development of standards and the development of quarters," Abdul Rahman bin Abdullah Aloskry (d. 1034 AH), edition, study and translation, Master in Arabic and English (the supervision and review), Institute of Arabic Research and Studies – Arab League – Cairo, 2013.
15. "Siraj of Unification in the Glorification of Existence Creation and Knowledge of the Evidence of Direction and Times ..." Abdullah Al Yafei Chamakh, provision and review, National Library and Archives, Cairo, 2013.
16. "The Bride's Perfume and Souls' Aroma" in the perfume industry, Mohammed bin Ahmed Al-Tamimi, a review, the first issue of the book series "Our Scientific Heritage ", National Library and Documentation, Cairo, 2014.

17. "Treatises on Space, light and planets lights", Al Hassan Bin Al-Haytham, edition with detailed study, the second issue of the book series "Our Scientific Heritage ", National Library and Documentation, Cairo, 2014.

18. "Light of Eyes Pupil and Sights Garden ", Taqi al-Din Mohammed Bin Maroof, supervision and review, the third issue of the book series "Our Scientific Heritage ", National Library and Documentation, Cairo, 2015.

19. "The Contributions of Arab and Islamic Civilization in Science and Technology", from the manuscripts at the Library of Al-Awqaf and the Library of Alexandria (will be released in Arabic, English and French), under publication.

VI – Encyclopedias and Dictionaries:

1. "Safir Islamic Encyclopedia of Knowledge", Safir Corp., Cairo (translated into Malaysian).

2. "Al-Shorook Encyclopedia", Dar Al-Shorook, Cairo.

3. "Kuwait Scientific Encyclopedia for Children", Kuwait Foundation for the Advancement of Sciences, Kuwait.

4. "Dictionary of the Holy Quran", Kuwait Foundation for the Advancement of Sciences, Kuwait.

5. "Encyclopedia of Arab and Muslim scholars", the Arab Organization for Education, Culture and Science (ALECSO), Tunisia.

6. "Encyclopedia of general Islamic concepts", the Supreme Council for Islamic Affairs, Cairo, 2000.

7. "Specialized Quranic encyclopedia", the Supreme Council for Islamic Affairs, Cairo, 2002.

8. "Public Islamic encyclopedia", the Supreme Council for Islamic Affairs, Cairo, 2003.

9. "Encyclopedia of Islamic thought Scholars", the Supreme Council for Islamic Affairs, Cairo, 2004.

10. "Encyclopedia of Islamic Civilization", the Supreme Council for Islamic Affairs, Cairo, 2005 (translated into Kazakh).

11. "Great lexicon", Arabic Language Academy, Cairo.

12. "Glossary of Physics", Arabic Language Academy, Cairo.

13. "Glossary of Philosophy", Arabic Language Academy, Cairo.

14. "Glossary of Environmental Sciences", Arabic Language Academy, Cairo.

VII – Arabic Scientific Culture (Studies and Articles):

1. "Philosophy of natural science in the Islamic Heritage: A comparative analysis of the scientific method," Journal of the contemporary Muslim, Kuwait, (39): 9 to 26.1987.

2. "Scientific Method Properties in the Islamic Heritage" magazine of Al-Azhar, the Islamic Research Academy, Cairo 60 (9): 1198-1203, 1988.

3. "Optoelectronics Future of Information Science," Multi Joel, Impact of Science on Society Journal (Arabic translation), UNESCO, 76/154, 1989.

4. "Superconductors", Michael Fremantle, Impact of Science on Society Journal (Arabic translation), UNESCO, 76/154, 1989.
5. "Towards an Islamic formulation of the theory of science and technology", Journal of the contemporary Muslim, Kuwait, (54): 17 to 34, 1989.
6. "The Story of Holes in the Cosmic Science", Al-Azhar Magazine, Islamic Research Academy, Cairo 61 (10): 1155-1157, 61 (11): 1268-1271, 61 (12): 1352-1356, 1989.
7. "International Cooperation in a Worn-out World Order", Frnescu D. Sagasty, Journal of science and society, 77/155, 1990.
8. "CFCs and their alternatives," Mikhail Fremantle, Journal of science and society, UNESCO, (Arabic Edution) 79/157, 1990.
9. "Strong Fibers from Flexible Polymers", Miroslav Raab, Journal of science and society, UNESCO, 79/157, 1990.
10. "Chemistry History from a more comprehensive perspective", Morris Crosland, Journal of science and society, UNESCO, 81/159, 1990.
11. "Humans and Issues of Contemporary Science", Al-Azhar Magazine, Cairo Islamic Research Academy, 62 (11): 1148-1152, 62 (12): 1254-1258, 1990.
12. "Epistemology and Methodology of Science in the Islamic Heritage," Journal of Dialogue Forum (Minbar Al-Hiwar), Beirut, Lebanon, 16: 6 to 18, 1990.
13. "Islamic Coordinated Approach to Scientific Research – Determination of Constants and Variables", Journal of Dialogue Forum, Beirut, Lebanon, 17: 6 to 27, 1990.
14. "Scientific Attitude of Al Hamdani", Journal of the Contemporary Muslim, Kuwait, (57): 105-130, 1990.
15. "Physical Sciences in the Islamic Heritage: An Analytical Study of the Subject and the Method", proceedings of Arab Scientific Heritage seminar in basic science, Al-Fateh University and the National Authority for Scientific Research, Tripoli, Libya, pp. 539 to 554, 1990.
16. "A Proposal to the Areas of Research in the Philosophy of Science with Islamic Vision", Journal of the Contemporary Muslim, Kuwait, (59): 175-191, 1991.
17. "Book of the Two Gems” by Al-Hamdani (presentation and analysis), Journal of the contemporary Muslim, Kuwait, (59): 203-206, 1991.
18. "Science in its new Perspective of Faith”, presentation and analysis of the book: Robert M.Augros and George N.stanciu, "The New Story of Science", New York, 1984. Jamal Khalayli translation into Arabic entitled "Science in its new Perspective", the world of knowledge, Kuwait in 1989, Journal of Contemporary Muslim, Kuwait, 60: 181 to 192, 1991.
19. "Scientific Revolution in the Seventeenth Century, new insights - Pietro Ridundy", Journal of science and society, UNESCO Publications Center, Cairo, (82/160): 81 to 91, 1991.
20. "Transport, Environment and Energy," John Iteleyj, Journal of science and society, UNESCO, 84/162, 1991.

21. "Chernobyl and the Environment," Vladimir Savchenko, Journal of Impact of Science on Society, UNESCO, 85/163, 1991.
22. "The Importance of the use of Models in the Teaching and Simplifying of Science", André Giordan, Journal of Impact of Science on Society, UNESCO, 86/164, 1991.
23. "Contributions of the French to the Chinese flag during the centuries 17-18 ", Doshi-Ran and Han Ki, Journal of science and society, UNESCO, 89/167, 1992.
24. "Islamic rooting for algebra", Al-Azhar Magazine, Islamic Research Academy, Cairo, 64 (10): 1234-1238, 1992.
25. "Contemporary trends in the study of Islamic science", Al-Azhar Magazine, Islamic Research Academy, Cairo, 64 (12): 1258-1533, 1992.
26. "The first moments of the universe: the limits of knowledge - Hubert Reeves” and “Evolution of the universe - O.M. Senghor Slal " and "Our home, planet Earth - O.M. Senghor Slal", Diogenes magazine, UNESCO Publications Center, Cairo, (99/155): 5 to 53, 1992.
27. "Alhamdany- world's geographic philosopher", Journal of Science, Academy of Scientific Research, Cairo 187: 40 to 41, 1992.
28. "Problematic bias in the history of science and technology”, proceedings of seminar “problematic bias: cognitive vision and call for diligence”, Egyptian Syndicate of Engineers and World Institute for Islamic Thought, Cairo, 1992.
29. Ahmad F. Basha.
"Islam, Modern Scientific Discourse, and Cultural Modernity: The Politics of Islamization of Knowledge as a Claim to Dewesternization - Paper Presented by Bassam Tibi at the 1990 MESA Conference". Views and Comments in: The American Journal of Islamic Social Sciences (AJISS), 9 (2): 279 - 283, 1992.
30. “Scientific objectivity levels and their implications in the framework of Islamic science theory”, Journal of the Contemporary Muslim, Kuwait, 67.68: 75 to 100, 1993.
31. “Relationship between Science and Islamic Philosophy”, Journal Dialogue Forum, Beirut, Lebanon, 27: 63 to 95, 1993.
32. “Numbers .. Indian or Arab", Al-Azhar Magazine, Islamic Research Academy, Cairo, 65 (10): 1566-1570, 1993.
33. "Methods of mathematics education in the heritage of Muslims", Journal of Al-Azhar, Islamic Research Academy, Cairo, 65 (12): 1891-1894, 1993.
34. "Achievements of Muslims in the exploits of Engineering Sciences”, Al-Azhar Magazine, Islamic Research Academy, Cairo, 66 (5): 84-87, 1993.
35. "Abu Rayhan Al-Beroni and his exploits in the natural science”, Al-Azhar Magazine, Islamic Research Academy, Cairo, 66 (4): 564-567, 1993.
36. "Natural science between originality and modernity”, Al-Azhar Magazine, Islamic Research Academy, Cairo, 66 (5): 734-737, 1993.

37. "Islamic civilization in Central Asia and the Caucasus countries and the role of scientists in the establishment of scientific research methods," conference "Muslims in Central Asia and the Caucasus - past, present and future," Al-Azhar University, 27–29 September, 1993.
38. Ahmad F. Basha
"Islam and Science: Religious Orthodoxy and the Battle for Rationality, by Pervez Hoodbhoy. London: Zed Books, Ltd., 1991, 158 PP ".Book Review in: The American Journal of Islamic Social Sciences (AJISS), 10 (3): 408 - 41. 1993.
39. "Methodological foundations for the Arabization of natural science", an invitation to dialogue, Al-Azhar Magazine, Islamic Research Academy, Cairo, January 1994.
40. "Al-Hasan ibn al-Haytham the genius of Islamic civilization", Al-Azhar Magazine, Islamic Research Academy, Cairo, 67 (2): 212-216, 1994.
41. "Hussein Bin Sina and his exploits in the natural science", Al-Azhar Magazine, Islamic Research Academy, Cairo, 67 (7): 960-964, 1994.
42. "Islam and Science: Religious Orthodoxy and the struggle for rationality", written by Pervez Hoodbhoy and provision by Mohamed Abdel Salam (presentation and analysis), Dialogue Forum magazine, Beirut, Lebanon, 33, 32: 176-196, 1994.
43. "When believe what we see?", William G. Mitchell, Scientific American (Al Oloom), volume 11, issue 3, Kuwait Foundation for the Advancement of Sciences, Kuwait, 1995.
44. "Classification of medical science in the Muslim heritage", Al-Azhar Magazine, Islamic Research Academy, Cairo, 67 (10): 1392-1395, 67 (11): 1532-1535, 67 (12): 1669-1673, 1995.
45. "Alpemmarstanat (Hospitals) in the era of Islamic civilization", Al-Azhar Magazine, Islamic Research Academy, Cairo, 68 (1): 84 to 89, 1995.
46. "Applied sciences and technology in the heritage of Muslims", Al-Azhar Magazine, Islamic Research Academy, Cairo, 68 (6), 1995.
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48. "Forgotten science in the Muslim heritage," Journal of the contemporary Muslim, Kuwait (81): 81-102, 1996.
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2. Eleventh International Congress of Crystallography, Warsaw (Poland), 1978.
3. Seminar on "methodological issues in Islamic thought," University of Emir Abdelkader and Institute and the International Islamic Thought, Constantine (Algeria), 1989.
4. Symposium "Arab scientific heritage in the basic sciences," Al-Fateh University and the National Authority for Scientific Research, Tripoli (Libya), 1990.
5. Seminar; "Rationalization of scientific research in the miracles of the Koran", Association of Scientific Miracles of the Qur'an and Sunnah, Cairo, January 1991.
6. Seminar;" problematic bias: cognitive vision and call for diligence," the Egyptian Syndicate of Engineers and the Institute of the International Islamic, Cairo, 1992.
7. "Islamic Guidance of Science", conference, the Union of Islamic universities and the University of Al-Azhar, Cairo, in October 1992.
8. Conference "Muslims in Central Asia and the Caucasus - past, present and future," Al-Azhar University and the Union of Islamic universities, September 1993.
9. First International Conference on Islamic philosophy about "Islamic philosophy and the problems of the environment", Faculty of Dar Al Uloom, Cairo University, 1996.
10. Seminar:" History and the philosophy of science and their role in the development of society," Academy of Scientific Research and Technology, Cairo, January 1996.
11. "Islam and the West" conference, the 12th Janadriya festival, Riyadh 1996.
12. The annual fourth conference of the Association for Lisan Al-Arab about "the Arabic language in the third millennium", headquarters of the General Secretariat of the League of Arab States, Cairo, March 1997 m.
13. Seminar "Ibn al-Nafis, al-Faqih, physician and philosopher," the Islamic Organization for Medical Sciences, Kuwait 1997.
14. Fourth Conference on "Editing Manuscripts of Science in the Islamic heritage," Al-Furqan Foundation for Islamic Heritage, London, in November 1997.
15. Fourth International Conference entitled "The Geology of the Arab World," Cairo University, 1998.
16. Third International Conference of Islamic Philosophy, Faculty of Dar Al Uloom, Cairo University, 1998.
17. Eighth World Conference of the World Assembly of Muslim Youth on "Muslim youth and Contemporary Challenges", Amman (Jordan), October 1998.

18. Conference on "Islam and the twenty-first century", the Supreme Council for Islamic Affairs, Cairo, July 1998 AD.
19. Fourth International Conference of Islamic philosophy on "Islam in the era of globalization", Faculty of Dar Al Uloom, Cairo University, May 1999.
20. Seminar on "Arabic language teaching in the Egyptian universities," Cairo University, May 1999.
21. Seminar on manuscripts issues, the Institute of Arabic manuscripts, Cairo, December 1999.
22. Conference on the Development of Higher Education - a vision of the future University, Cairo University, May 1999.
23. Conference on "Norms and Values of the University Standards," Cairo University, April 2000.
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28. " Conference Islam and information technology", Waseda University, Tokyo, Japan, in July 2001.
29. Seminar on "teaching the history and philosophy of science a national imperative," Academy of Scientific Research, Cairo, November 2001.
30. Specialized seminar on "Science and Technology in the Arab homeland: reality and ambition," Abdul Hameed Shoman Foundation, Jordan 2001.
31. Seminar on "Culture and values in the information age," Muscat, Oman 0.2001.
32. Seventh International Conference entitled "Globalization and its impact on development and health care in Islamic countries", the Islamic Organization for Medical Sciences in cooperation with the Organization of ISESCO, Regional Office and the World Health Organization, Kuwait, March 2002.
33. "Arabic language conference in the media", Faculty of Dar Al Uloom, Cairo University, December 2002.
34. "Youth and Future Challenges", conference, Cairo University, December 2002.
35. International Symposium on "Hamad Algasar and his scientific efforts," King Saud University, Riyadh, 2003.

36. Sharjah International Conference on "modern and alternative medicine", Sharjah, UAE, 11-13 October 2003.
37. Co-Chair of Einstein Symposium, 2005, Bibliotheca Alexandrina
38. International Symposium on: "Imam Mohammed Abdu on the occasion of the centenary of his death," Bibliotheca Alexandrina, December 2005.
39. Twelfth International Conference on "Science curricula and their philosophies from an Islamic perspective", Faculty of Dar Al Uloom, Cairo University, April 2007.
40. Civilized dialogue between Japan and the Islamic world, the challenges of the environment ... and visions, the Ministry of Awqaf and Islamic Affairs, Kuwait, 11 to 12 March 2009.
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42. First Saudi International Conference for Scientific Culture, "The role of the Arabic language in the dissemination of scientific culture", Riyadh, April 2013.
43. International Conference on "humanitarian knowledge gained Integration", "Towards an Islamic worldview within the limits of science and Sciences", the Islamic University, Kuala Lumpur, Malaysia, in August 2013.
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40. "ELECTRICAL CONDUCTION MECHANISM AND OPTICAL PROPERTIES OF
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(F) Studies and articles about A.F. Basha

1. "Islamic philosophy of science, by Ahmed Fouad Pasha", presentation by Karem Ghoneim. Modern Muslim Magazine, Kuwait 432: 141 to 147.1985.
2. "Ahmed Fouad Basha and the perspective of Islamic philosophy of science", S. Alnuehi, Journal of the Contemporary Muslim, Kuwait, (92): 5 to 19.1999; Annals of girls' college, Ain Shams University, No. 21, Cairo, 1998.
3. "Scientific and Intellectual C.V. of Professor Dr. Ahmed Fouad Basha - bibliographic study", Mohamed Fathy Abdel Hady, Index magazine, Issue 6: 91-114, National Library and Documentation, Cairo 2004.
4. Reception of new figures, magazine Arabic Language Academy, No. 108, 1427, November 2006.
5. "Almajmaon in 75 years," the Arabic Language Academy, Cairo, 2 007, pp. 151-155.
6. Indispensable Book in the Islamic and Western Cultural Dialogue: Science and Engineering in the Islamic civilization, by D. Hill, presentation Mahmoud Ali Makki, Al-Arabi magazine, 580 in March 2007, pp. 184-189.
7. Encyclopedia "dialogues with Scholars from Cairo University, Part I, Cairo University Press, 2008, pp. 180-186.
8. Kuwait prize winners, memorial book, Kuwait Foundation for the Advancement of Sciences 2010, p. 191, 223.
9. Press, radio and television dialogues all aspects of biography and intellectual activity.
10. Selected topics of some of his books and articles to read in the classes of public education and university in Egypt and in the United Arab Emirates.
11. Leading books in the twentieth century, the philosophy of science by A. F. Basha, the International Institute of Islamic Thought, Cairo, under publication.
12. Encyclopedia of scholars, the Arabic Language Academy, Cairo, under publication.

(G) Honors and awards

- Elected as member of the Egyptian scientific Academy in 2002.
- Elected as member of the Arabic Language Academy in Cairo in 2004. And he was named a member of the scientific council of the Union of Arab Language Councils.
- Generosity of the Faculty of Science, Cairo University to launch his name on the installment No. 79 of the graduates of the faculty in 2007.
- The book "from atoms to Quarks" received the Custodian of the Two Holy Mosques International Award for translation in its first session of 2007.
- Won the Kuwait prize for scientific progress in the Arab and Islamic Scientific Heritage in 2008.
- Selected as a member of the committee of international experts of the Center for Mohammed bin Hamad Al Thani, the contributions of Muslims in civilization, Hamad bin Khalifa University in Qatar.