Curriculum Vitae



Name: Prof. Dr. Basim Abd Alhassen Almayahi (B.A. Almayahi)

Nationality: Iraqi

Passport No.: A9850721 valid until 12/2024

Sex: Male

Current Address: College of Science, Department of Ecology, University of Kufa, Box 21, Kufa, Najaf Governorate, Iraq

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H/P: 00967823004353

**Fields of Interest**

1. Radiation Biophysics, Radiation Medical physics, and Natural Radioactivity of Environmental
2. Treatment of prostate cancer using gold nanoparticles.
3. Synthesis and applications of silver nanoparticles on bacterial pathogens.
4. Natural Radioactivity of Gamma Ray, Radon, and Alpha Particles in (Tissue, blood, teeth, bones, soil, water, air, food, fertilizer, building materials).
5. Radiation Detection and Measurements (Scintillation Detector (Na I (Tl))- High Purity Germanium (HPGe) Detector- Exploranium GR-135- Radon Monitor Continues 1029- RAD 7 System-SSNTDs CR-39.
6. Radiation Protection.
7. Statistical Physics and Environmental Statistics (GenStat, SPSS, OrginLab, Sigmaplot)

**Educational Qualification**

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| **Date of Graduate** | **Study of Country** | **Field of Specialization** | **Department** | **College** | **University or Institute** | **Certificates** | **No** |
| 1993 | Iraq |  |  |  | Alkhornak  School | Secondary | 1 |
| 2000 | Iraq |  | Physics | Science | Babylon University | B.Sc. | 3 |
| 2004 | Iraq | Nuclear Physics | Physics | Science | Babylon University | M.Sc. | 4 |
| 2013 | Malaysia | Environmental Radioactivity, Radiation Bio, and Medical Physics- Radionuclides Biomarkers | School of Physics | | Universiti Sains Malaysia | Ph.D. | 5 |

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| **LANGUAGES** | |
| **Arabic** | Mother Tongue |
| **English** | 1. Passing the Proficiency Examination Required for Higher Studies in Iraq (GOOD)-1998 2. Completed Spoken English (LHP 456) In Semester II (2010/2011)- School of Languages, Universiti Sains Malaysia. 2011 3. Certificate of Completion of the pinnacle teaching solutions and University of Kufa-Intensive English Professional Development Seminars, January 6-17, 2019 |
| **Malay (Malaysia)** | Passing the Proficiency Examination Required for Higher Studies in Malaysia (Excellent)- School of Languages, Universiti Sains Malaysia, 2013 |

**Training and Courses:**

1. English Language Qualification Training No. 6 in Babylon University 11-7-1998.
2. Arabic Font (Quran) Training at Kufa University 7-18/9/1996.
3. Qualification Training of Computer Learning in International Computer Central 24-7-1999 to 20-9-1999.
4. Qualification Training of Education and Training Methods No. 5 in Kufa University 9-23/7/2006.
5. Electronic Computers Training in Electronic Computer Central in Kufa University 2-23/9/2007.
6. Toefl Training in Toefl Central in Kufa University 25-8-2008.
7. English Spoken Training in Languages School Universiti Sains Malaysia 21-12-2010.
8. Occupational Safety and Health Committee of Universiti Sains Malaysia (2 July 2011)
9. National Graduate Symposium in Universiti Teknologi Petronas in Malaysia 2011.

**Working Experience**

* Lecturer at Babylon University, College of Science, Department of Physics in Nuclear Lab. and Courses: Health Physics, 2001-2004.
* Lecturer at Qadesiyh University, College of Education in Computer Lab., 2004-2005.
* A teacher at Kufa University, College of Science, Department of Physics, Atomic and Nuclear Lab., 2005-2008.
* A teacher at Kufa University, College of Science, and Department of Environment (Lecturers: Biophysics, General Physics, and Computer 2008-2013.
* Head of Environment Department at Kufa University, College of Science, Department of Environment, 2009-2010.
* Researcher at Nanotechnology and Advanced Materials Research Unit 2013- up to date.
* Teacher at Kufa University, College of Science, Department of Environment (Radiation protection, Radiotherapy, Biophysics, General Physics, and Computer science, 2013 up to date)

**Topics of M.Sc. and Ph.D. Thesis**

**Title of M.Sc. Thesis**: A STUDY OF MATERIALS BY BACKSCATTER PEAK FOR GAMMA-RAY USING THE SCINTILLATION DETECTOR NAI (TL), 2004

**Title of Ph.D. Thesis:** STUDY ON RADIOACTIVITY IN HUMAN TEETH, ANIMAL BONES AND SOIL IN SELECTED AREAS IN NORTHERN REGION OF MALAYSIAN PENINSULAR, 2013

**Participations**

|  |  |  |  |
| --- | --- | --- | --- |
| **Country** | **Date** | **Conference and Presentations** | **No.** |
| Iraq | 2002 | 2nd National Conference of Chemical in College of Science In Babylon University | 1 |
| Iraq | 2003 | Conference of College of Science in Babylon University | 2 |
| Iraq | 2007 | 2nd Annual Environmental Conference in College of Science in Babylon University | 3 |
| Iraq | 2009 | Conference of Pure and Applied Sciences | 4 |
| Iraq | 2009 | 5th Science Symposium in College of Science in Qadisiya University | 5 |
| Malaysia | 2011 | National Graduate Symposium- The Graduate Journey: Mapping a Smart Route to Successful Completion in Universiti Teknologi Petronas, Perak, Malaysia | 6 |
| Thailand | 2011 | International Conference on Chemical, Biological and Environmental Sciences (ICCEBS 2011), Pattaya, Thailand | 7 |
| Malaysia | 2012 | 2012 Asia Pacific Conference on Environmental Science and Technology (APEST), Kuala Lumpur, Malaysia | 8 |
| Malaysia | 2012 | International Conference on Environmental Research and Technology (ICERT 2012) in Penang , Malaysia | 9 |
| Malaysia | 2012 | International Environment and Health Conference, Penang, Malaysia | 10 |
| Malaysia | 2012 | 2nd International Public Health Conference and 19th National Public Health Colloquium, Kuala Lumpur, Malaysia | 11 |
| Indonesia | 2012 | 2nd International Conference on Ecological, Environmental and Biological Sciences (EEBS'2012), Bali, Indonesia | 12 |
| United Arab Emirates | 2012 | International Conference on Agriculture, Chemical and Environmental Sciences (ICACES'2012), Dubai, (UAE) | 13 |
| Malaysia | 2012 | Advanced Materials Conference (AMC), 2012, Langkawi, Malaysia | 14 |
| Iraq | 2013 | Workshop Biology Diversity and Bio-Safety (International Day of Biology Diversity) | 15 |
| Iraq | 2013 | The Scientific Symposium entitled keep on the environment one requirements the quality in veterinary medicine | 16 |
| Iraq | 24/04/2014 | Scientific seminar: Modern technologies in the laboratory diagnosis | 17 |
| Malaysia | 02-03/08/2014 | International Conference on Advances in Applied Science and Environmental Engineering | 18 |
| Canada | August 2-5, 2015 | 21st International Conference on Environmental Indicators  University of Windsor, August 2-5, 2015, Abstract Volume  Journal of Environmental Quality: Special Issue 2015 | 19 |
| Italy | 2-6 Nov. 2015 | Joint ICTP-IAEA Workshop on Radioactive Waste Management - Solutions for Countries without Nuclear Power Programme-Cosponsor(s): International Atomic Energy Agency (IAEA) | 20 |
| Istanbul/Turkey | 1-3 June 2016 | APMAS2016, 6th International Advances in Applied Physics and Materials Science Congress & Exhibition | 21 |
| Istanbul/Turkey | 1-3 June 2016 | BIOMATSEN2016, 2nd International Congress on Biomaterials & Biosensors | 22 |
| Mallorca, Spain | August 19-21, 2016 | 10th International Conference on Energy and Development,  Environment and Biomedicine (EDEB '16) | 23 |
| Mallorca, Spain | August 19-21, 2016 | 5th International Conference on Applied and  Computational Mathematics (ICACM '16) | 24 |
| Morocco | December 1-3, 2016 | 1st International Conference On Materials and Environmental Science (ICMES) | 26 |
| Athens Greece | April 9-11, 2017 | INASE Conferences, Educational Technologies and Biomedical Engineering | 27 |
| Vienna, Austria | 22–26 May 2017 | Third FAO/IAEA International Conference on Area-Wide Management of Insect Pests: Integrating the Sterile Insect and Related Nuclear and Other Techniques | 28 |
| Vienna, Austria | 24-28 July 2017 | Annual Meeting of the International Security Education Network (INSEN). | 29 |
| Abu Dhabi, United Arab Emirates | 30 Oct. to 1 Nov. 2017 | TC Sponsored Participation for CN-247, Int. Min. Conf. on Nuclear Power in 21st Century | 30 |
| Babylon, Iraq | 4-5th March 2018 | First Iraqi-Germany Conference of the Medical Sciences | 31 |
| Babylon, Iraq | 14-15 March 2018 | The First International Conference of Pure Sciences 2018 | 32 |
| Beirut, Lebanon | March 27-28, 2018 | 1st Student Innovation and Research Conference for Arab Universities and Schools (SICRAUS – BAU) at Beirut Arab University, Debbieh Campus | 33 |
| University of Kufa, Iraq | April 4, 2018 | The symposium of marshes of Iraq and the Sea of Najaf are considered natural reserves, University of Kufa, Iraq | 34 |
| Republic of Korea | 28-31 May, 2018 | Third International Conference on Human Resource Development for Nuclear Power Programmes: Meeting Challenges to Ensure the Future Nuclear Workforce Capability, Gyeongju, Republic of Korea | 35 |
| Vienna, Austria | 9-13 July 2018 | Annual Meeting of the International Security Education Network (INSEN) | 36 |
| Vienna, Austria | 1–5 October 2018 | International Symposium on Communicating Nuclear and Radiological Emergencies to the Public | 37 |
| Vienna, Austria | 5–8 November 2018, | Symposium on International Safeguards: Building Future Safeguards Capabilities. | 38 |
| University of Kufa, Iraq | December 5, 2018 | Disaster in the death of fish in the Euphrates: risks and treatment | 39 |

**Editorial Board Member**

1. American Journal of Physical Chemistry (AJPC). 548 FASHION AVENUE NEW YORK, NY 10018 U.S.A
2. American Journal of Physics and Applications. Science Publishing Group, 548 FASHION AVENUE NEW YORK, NY 10018 U.S.A.
3. Open Science Journal of Clinical Medicine. 228 Park Ave., S#45956, New York, NY 10003
4. The American Association for Science and Technology, USA
5. The Science and Information Organization. United Kingdom: 19 Bolling Road, Bradford, BD4 7BG, West Yorkshire, United Kingdom
6. Techno publications
7. Journal of Multidisciplinary Engineering Science and Technology
8. International Centre of Excellence in Civil Engineering and Environmental Sciences
9. Global Scientific Research Journal of Surgery, 200 West Higgins Rd, Suite 301 Schaumburg, ILLINOIS 60194, USA.
10. Borneo Journal of Science and Technology. University College of Technology Sarawak, No. 1, Jalan Universiti,96000 Sibu, Sarawak, Malaysia
11. Gv School Publication. Australia
12. Cambridge Scholars Publishing. Nuclear Energy and Engineering Advisory Board. USA
13. Asian Council of Science Editors December 31, 2018. 112, Al-Noor Building, Deira Dubai. U.A.E
14. Scientific Board of Chemical, Civil, Agricultural and Environmental Engineers. USA
15. Journal of Environmental Science and Technology, Asian Network for Scientific Information is a Science (ANSInet). 308-Lasani Town, Sargodha Road, Faisalabad, Punjab, Pakistan.
16. Engineering and Technology Journal. Everant Publisher Pvt Ltd, Address: 128 Labour colony, Mandsaur, India
17. International Scientific Committee and Editorial Board on Physical and Mathematical Sciences
18. Clinical Radiology & Imaging Journal (CRIJ). 2609 Crooks Rd #229 Troy, MI 48084. USA
19. Journal of Radiation and Nuclear Medicine. OPEN ACCESS PUB, 616 Corporate Way, Suite 2-6158, Valley Cottage, NY 10989, United States.
20. IntechOpen Limited, The Shard, 25th floor, 32 London Bridge Street, London, SE19SG - UNITED KINGDOM
21. Publishing press together for science. India

**Reviewer Committee Member**

1. Asian Journal of Applied Sciences
2. International Conference On Biological and Environmental Science (BIOES)
3. Universal Researchers in Environmental and Biological Engineering (UREBE)
4. Science of the Total Environment - http://ees.elsevier.com/stoten/
5. Environmental Monitoring and Assessment http://www.springer.com/environment/monitoring+-+environmental+analysis/journal/10661
6. Journal of Radiation Research- jrr.oxfordjournals.org/
7. Herald Journal of Geography and Regional Planning-http://www.heraldjournals.org/hjgrp
8. Indian Journal of Pure and Applied Physics (IJPAP)-HTTP://op.niscair.res.in/index.php/IJPAP
9. Journal of Hazardous Materials- <http://www.journals.elsevier.com/journal-of-hazardous-materials/>
10. Radioanalytical and Nuclear Chemistry-https://www.editorialmanager.com/jrnc/default.asp
11. Quaternary International- www.sciencedirect.com/science/journal/10406182
12. Advancement in Scientific and Engineering Research
13. Agricultural Research
14. American Journal of Physical Chemistry (AJPC)
15. American Journal of Physics and Applications.
16. Journal of Radiation Research and Applied Sciences. <http://ees.elsevier.com/jrras>
17. Journal of Taibah University of Science. <http://www.sciencedirect.com/science/journal/16583655>
18. Journal of Environmental Health Science and Engineering
19. International Technology and Science Publication
20. International Journal of Pharmaceutical and Phytopharmacological Research (eIJPPR).
21. Diyala Journal for Pure Science

**International Scientific Program Committee (Technical Committee)**

1. International conference on substantial environmental engineering and renewable energy (SEERE).
2. Emirates Association of Chemical, Biological and Environmental Engineers (EACBEE).
3. International Conference on Waste Management, Ecology and Biological Sciences (WMEBS-2015), Emirates Research Publishing.
4. 2015 International Conference on Biological and Environmental Science (BIOES-15), Phuket (Thailand).
5. 2015 International Conference on Chemical, Metallurgy and Material Science Engineering (CMMSE-2015) August 10-11, 2015 Pattaya, Thailand
6. FTC 2016 - Future Technologies Conference 2016, 6-7 December 2016, San Francisco, United States.
7. Universal Researchers in Environmental & Biological Engineering
8. 2016 International Conference on Biological and Environmental Science (BIOES-16), June 8-9, 2016, New Jersey, USA
9. International Conference on Cellular & Molecular Biology and Medical Sciences (Cmbms-16), Paris, France.
10. ICEB 2016: 18th International Conference on Evolutionary Biology, Paris, France July 25 - 26, 2016.
11. ICCTIDP 2016: 18th International Conference on Concepts and Techniques for Infectious Disease Prevention Amsterdam, The Netherlands December 1 - 2, 2016.
12. ICBPS 2016: 18th International Conference on Bioengineering and Pharmaceutical Sciences Dubai, UAE November 16 - 17, 2016.
13. ICBH 2017: 19th International Conference on Biopharmaceuticals and Healthcare London, United Kingdom, March 14 - 15, 2017.
14. ICAAIR 2017: 19th International Conference on Allergy, Asthma, Immunology, and Rheumatology, Singapore, SG, March 29 - 30, 2017
15. International Conference on Chemical, Agricultural, Biological and Health Sciences (CABHS-2017), Feb. 2-3, 2017 at Bali (Indonesia)
16. International Conference on Biodiversity, Genetics and Environmental Sciences.
17. 7th International Conference on Environment and Industrial Innovation (ICEII 2017) will be held in International University of Malaya Wales, Kuala Lumpur during April 24-26, 2017.
18. International Conference on Pharmacovigilance and Drug Safety. Amsterdam, The Netherlands. 2018-05-10
19. 8th International Conference on Environment and Industrial Innovation (ICEII 2018) will be held at Shanghai Maritime University, China during April 27-29, 2018.
20. 19th International Conference on Anatomy of Diabetes. Rome, Italy, July 17 - 18, 2017.
21. 19th International Conference on Biotechnology and Pharmaceuticals Stockholm, Sweden. July 13 - 14, 2017.
22. 19th International Conference on Mycotoxin Reduction in the Food and Feed Chain San Diego, USA. December 18 - 19, 2017
23. 4th International Conference on Innovations in Civil, Disaster Management, Architectural and Transport Engineering (ICATE-2017) June 12-14, 2017 Bangkok (Thailand).
24. 6th International Conference on Healthcare, Environment, Food and Biological Sciences (HEFBS-2017-ISTANBUL) on Sept. 8-10, 2017 at Istanbul (Turkey)
25. 7th International Conference on Chemical, Food, Biological and Health Sciences (CFBHS-2017) Aug. 8-9, 2017 Singapore
26. 10th International Conference on Agricultural, Chemical, Biological and Medical Sciences (ACBMS-2018)
27. 6-7 March, 2018, Sheikh Zayed Centre for Conferences and Exhibitions of Ajman University (AU) Campus in Ajman, United Arab Emirates (UAE).
28. International Institute of Chemical, Biological and Environmental Engineering (IICBEE).
29. 20th International Conference on Acid Based Identification in Infectious Diseases. Paris, France, February 19 - 20, 2018.
30. 20th International Conference on Pharmaceutical Biotechnology and Molecular Diagnostics. Kyoto, Japan, April 26 - 27, 2018.
31. International Conference on Pharmacovigilance and Drug Safety. 991 Us Highway 22 Ste #200, Bridgewater, New Jersey 08807-2957
32. ICP 2019: 21st International Conference on PharmacogeneticsPorto, Portugal, July 22 - 23, 2019
33. ICPBAD 2019: 21st International Conference on Pharmaceutical Biotechnology and Antibiotic Discovery London, United Kingdom, April 24 - 25, 2019

**Organizing Committee Member**

1. Global Conference on **Nursing and Healthcare** November 21-23, 2016 Las Vegas, USA.

**Technical Editor**

1. Journal of Environmental Science and Technology, **Science Alert,** 244, 5th Avenue, No. 2218, NY 10001, New York, USA
2. Current Research in Physics, **Science Alert,** 244, 5th Avenue, No. 2218, NY 10001, New York, USA
3. Journal of Environmental Science and Technology, Asian Network for Scientific Information is a Science (ANSInet). 308-Lasani Town, Sargodha Road, Faisalabad, Punjab, Pakistan.
4. Research Journal of Nanoscience and Nanotechnology. Office Number 112, Al Noor Building, Near Bassam Center, P.O. Box 126208, Deira, Dubai, UAE
5. Research Journal of Physics. Office Number 112, Al Noor Building, Near Bassam Center, P.O. Box 126208, Deira, Dubai, UAE
6. Singapore Journal of Scientific Research. Office Number 112, Al Noor Building, Near Bassam Center, P.O. Box 126208, Deira, Dubai, UAE
7. The Malaysian Institute of Physics. Universiti Malaya. Lot 5270, Bangunan Pentadbiran Baru. University Malaya, Lembah Pantai. 59100 Kuala Lumpu

**Membership**

1. The Institute of Research Engineers and Doctors- IRED. USA
2. Scientific Board of Chemical, Civil, Agricultural and Environmental Engineers. USA
3. Academic Members of Athens Institute for Education and Research (ATINER, 8 Valaoritou Street, Kolonaki, 10671 Athens, Greece).
4. Ordinary Member of the Malaysian Institute of Physics: MIPM in the Malaysian Institute of Physics (Institut Fizik Malaysia or IFM). C/O Jabatan Fizik, Universiti Malaya, 50603 Wilayah Persekutuan Kuala Lumpur, Malaysia.
5. IAEA INSEN Member WGII.
6. World Academy of Science, Engineering and Technology.
7. Asian Chemical Society

**Eminent Members/Speakers**

1. 3rd International Conference on Innovations in Civil, Architectural and Transport Engineering (ICATE-2017) scheduled on May 10-11, 2017 at Dubai (UAE).
2. Higher Education and Innovation Group.

**Publications**

1. Murtadha Shaker, Basim A. Almayahi, Muhammad Shinain. Determination of radioisotopes in soil samples using scintillation detector NaI (Tl). Karbala University Journal, 2007. 6 (4), 17-21.
2. Al-Mayahi B. Exposure Rate Measurements of the Natural Background Radiation in the Colleges of Science and Agriculture- Kufa University. Babylon University Journal, 2008, 15, 3: 1047-1053.
3. A use of Gamma ray spectroscopy analysis technique to measure the radioactivity for samples of underground water. Karbala University Journal, 2008. 6 (1), 58-66.
4. Al-Mayahi B. Exposure Rate Measurements of the Natural Background Radiation in Some Najaf Regions. Journal Al Qadisiyah Pure Science, 2010, 15,4 :1-8.
5. Murtadha shaker Al-Nafehi, Basim Abd Al- Hassen Al-Mayahi. Measurement of radioactivity of surface water and sediments by gamma rays spectra in some of Hilla regions. Basra Research Journal, 2008, 2, 34 :1-7.
6. Basim Abd Al- Hassen Al-Mayahi, Dhia Amin Al Jouher, Murtadha shaker Al-Nafehi, Calculation radiation dose of radon using technical analysis of the spectrums gamma in Najaf city. Babylon University Journal, 2009, 17, 4: 1388-1395.
7. Basim Abd Al-Hassen Al-Mayahi, Dhia Amin Al Joher, Muthana Hassan Hadi, Raad Jalyl Ahme. Radioactivity level measurement of some cement samples. Journal of Kerbala University, 2009, 7, 2: 81-86.
8. Basim A. Al-Mayahi. Study of Impact of the Radioactive Sources on Human Body. Al- Mustansiriya Journal Scientific, 2009, 20, 2: 107-117.
9. Almayahi, B. A., Tajuddin, A. A., Jaafar, M. S. Radiation hazard indices of soil and water samples in Northern Malaysian Peninsula. *Applied radiation and isotopes, 2012, 70* (11), 2652–60.
10. Almayahi, B. A., Tajuddin, A. A., Jaafar, M. S. (2012). Effect of the natural radioactivity concentrations and 226Ra/238U disequilibrium on cancer diseases in Penang, Malaysia. *Radiation Physics and Chemistry*, *81*(10), 1547–1558.
11. Almayahi, B. A., Tajuddin, A. A., Jaafar, M. S. (2011). *In-Situ* Radon Level Measurement for a Tropical Country. *International Conference on Chemical, Ecology and Environmental Sciences (ICCEES’2011) Pattaya Dec. 2011* (pp. 415–417). Malaysia.
12. Almayahi, B. A., Tajuddin, A. A., Jaafar, M. S. (2012). 210Pb, 235U, 137Cs, 40K and 222Rn Concentrations in Soil Samples After 2010 Thai and Malaysian Floods. *Advances in Biomedical Engineering*, *6*, 593–598.
13. Almayahi, B. A., Tajuddin, A. A., Jaafar, M.S., (2012). **Measurements of alpha emission rates in bones using CR-39 track detector. Proceedings of** 2nd International Conference on Ecological, Environmental and Biological Sciences (EEBS'2012), October 13-14, 2012 at Bali (Indonesia), 18-19.
14. Almayahi, B. A., Tajuddin, A. A., Jaafar, M. S. (2012). 238U, 232Th and 40K Concentrations Evaluation of Soil and Water Samples in Northern Malaysian Peninsular. 3rd International Conference on Environmental Research and Technology (ICERT 2012), 30 May-1 June 2012, Penang, Malaysia. 1-6
15. Almayahi, B. A., Tajuddin, A. A., Jaafar, M. S. (2012). Measurements of Naturally Occurring 210Pb Concentration in Animals Bones of Northern Malaysian Peninsula. *International Conference on Agriculture, Chemical and Environmental Sciences (ICACES’2012) Oct. 6-7, 2012 Dubai (UAE)* (pp. 189–191).
16. Almayahi, B. A., Tajuddin, A. A., Jaafar, M. S. (2012). Measurements of Natural Radionuclides and Elemental Concentrations in Chicken and Mice Bones in Penang, Malaysia. *Health and the Environment Journal*, *3*(3), 17–22.
17. Almayahi, B. A., Tajuddin, A. A., Jaafar, M.S., (2012). Measurements of soil and water radon from the Northern region of Malaysian Peninsular. Proceedings of 2nd International Public Health Conference and 19th National Public Health Colloquium Kuala Lumpur, Malaysia from 3rd-4th October 2012. (Abstract).
18. Almayahi, B. A., Tajuddin, A. A., Jaafar, M.S., (2012). Measurements of naturally occurring 210Pb in human teeth in selected areas in Malaysia using the CR-39 detector. Proceedings of Advanced Materials Conference (AMC), 12–13 December 2012, Langkawi, Malaysia. (Abstract).
19. Almayahi, B. A., Tajuddin, A. A., Jaafar, M. S. (2013). In situ soil 222Rn and 220Rn and their relationship with meteorological parameters in tropical Northern Peninsular Malaysia. *Radiation Physics and Chemistry,* 90 (2013)11–20
20. Hussein, A. K., Alshamarti, H.A., Almayahi, B.A., 2013. Comparison of the Regression Equations in Different Places using Total Station. International Journal of Engineering Trends and Technology (IJETT), 5, 1: 32-35.
21. Arif S. Baron, B.A. Almayahi. Modeling of the Geomagnetic Field at Lake Tharthar and Neighboring Regions. International Journal of Computer Trends and Technology (IJCTT), 3, 11: 1391-95, November 2013.
22. M. J. Albermani, Arif S. Baron, H.A. Alshamarti, B.A. Almayahi. Magnetic Anomaly at Selected Region in Kufa City, Iraq. Asian Journal of Applied Sciences. 1, 5:190-194, December 2013.
23. Talib A. Abdulwahid, Imad K. Alsaabery, Ali A. Abojassim, B.A. Almayahi, 2013. The enhancement of prostate cancer treatment using gold nanoparticles and high-energy photons. Advances in Physics Theories and Applications, 25, 76-81.
24. H. A. Alshamarti, Ali K. Hussein, B.A. Almayahi. Application of median filter with the threshold Technique to reduce and remove Gaussian noise on the Image edges produced by Sobel operator. International Journal of Computer Engineering and Technology (IJCET), Volume 4, Issue 6, November - December (2013), pp. 121-126.
25. Ali K. Alsaedi, B.A. Almayahi, A.H. Alasadi. Cement 222Rn and 226Ra concentration measurements in selected samples from different companies. Asian journal of natural and applied sciences, Vol. 2 No. 4, 2013:95-100
26. B. A. Almayahi, A.A. Tajuddin, M.S. Jaafar, 2014. Measurements of natural radionuclides in human teeth and animal bones as markers of radiation exposure from the soil in the Northern Malaysian Peninsula. Radiation Physics and Chemistry, 97, 56–67.
27. B. A. Almayahi, A.A. Tajuddin, M.S. Jaafar, 2014. [Radiobiological long-term accumulation of environmental alpha radioactivity in extracted human teeth and animal bones in Malaysia](http://www.sciencedirect.com.scopeesprx.elsevier.com/science/article/pii/S0265931X14000022). Environmental Radioactivity, 129, 140–147.
28. Nahlah F. Makki, Shaymaa A. Kadhim, A.H. Alasadi, B.A. Almayahi. Natural Radioactivity Measurements in different regions in Najaf city, Iraq. International Journal of Computer Trends and Technology (IJCTT), 9, 286–289, 2014.
29. B. A. Almayahi, A.A. Tajuddin, M.S. Jaafar, 2014. Calibration technique for a CR-39 detector for soil and water radon exhalation rate measurements. Journal of Radioanalytical and Nuclear Chemistry, 301, 133-140.
30. B. A. Almayahi. Gamma spectroscopic of soil samples from Kufa in Najaf governorate. World Applied Sciences Journal, 31 (9): 1582-1588, 2014.
31. B.A. Almayahi, Asaad K. Alsaedi, Ali K. Alsaedi, A.H. Alasadi, Azhar S. Ali, Raad. O. Hussein, Hayder. H. Hussain, 2014. Ceramic Rn222 exhalation rates from different countries. International Journal of Scientific and Engineering Research, Volume 5, Issue 1, 2162, January-2014
32. B.A. Almayahi, Asaad K. Alsaedi, Ali K. Alsaedi, A.H. Alasadi, Azhar S. Ali, Raad. O. Hussein, Hayder. H. Hussain. Bricks Rn222 Exhalation Rates in Some Samples from Different Countries. World Applied Sciences Journal, 29 (6): 706-709, 2014.
33. B.A. Almayahi. Radiation dose assessment due to 222Rn of some soil samples in Dywaniya city, Iraq. International Journal of Environmental Engineering– IJEE,

1(4), 2014: 100-102.

1. Almayahi B. A., Hakeem E., Faris Jawad Alduhaidahawi, Aqeela H. Heavy Metals Concentration in Different Soil Samples in Najaf City, Iraq. International Journal of Engineering Trends and Technology (IJETT), 16,2, 2014: 69-71.
2. Almayahi B. A. Backscattering factor measurements of gamma rays of the different thickness of pure concrete. Radiation Research and Applied Sciences, 8, 2015: 1-4.
3. Almayahi B. A. NaI (Tl) Spectrometry to Natural Radioactivity Measurements of Soil Samples in Najaf City. Iranica Journal of Energy Environment, 2015, 6 (3): 207-211.
4. Almayahi B. A. Quantification of Alpha Particle Emission in Human Blood Samples in the City of Najaf, Iraq. Journal of Environmental Indicators, 9: 26, 2015.
5. Faris Jawad Alduhaidahawi, Almayahi B. A., Kifah Saleh Alasadi, Kasim Alasadi. Gases Pollutants and Trace Element Concentrations in the Air of Najaf City, Iraq. International Journal of Environmental Monitoring and Protection 2015; 2(4): 47-51.
6. B. A. Almayahi, A. H. Alasadi. 222Rn and 226Ra Concentrations in Some Global Fertilizer Samples. American Journal of Modern Physics and Application 2015; 2(4): 58-61.
7. Entisar Farhan S., B. A. Almayahi. Investigation of the Atomic Properties for Helium-Like. Open Science Journal of Modern Physics 2015; 2(5): 80-82.
8. Aseel Fadel Ayoub Alfarhad, B. A. Almayahi. Effect of Geographic Factors on the Establishment of Ghadeer Village with Geometric Scheme Models in Najaf, Iraq. American Journal of Engineering, Technology and Society 2015; 2(5): 96-104.
9. B. A. Almayahi. Diabetes Mellitus and Its Complications in Najaf City, Iraq. American Journal of Biology and Life Sciences 2015; 3(5): 181-186.
10. B. A. Almayahi, Faris J. Alduhaidahawi, Kasim Kadhim Alasedi. Hydrocarbon and trace elements concentrations in Najaf city, Iraq. Research Pharmaceutical, Biological Chemical Sciences, 2016, 7 (1): 2127-2135.
11. Laith B Alhusseini, Ali S Kadhim, Maytham M Alabassi, B. A. Almayahi. A Study of Some Immunological and Biochemical Indicators for Patients with Osteoporosis. Electronic Biology, 2016, 12 (1): 8-11.
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