AYSAR S. KEITEB

Senior Lecturer

PhD of Applied Radiation and Nanomaterials

PROFILE

Born on December 3rd 1979 in Baghdad, Iraq. Passport number is [A10836884].
My specialty in physics different fields through out my undergraduate and postgraduate years of study granted me a decent knowledge in few fields of physics (Materials science, Polymers, Composites, Lasers, Applied Radiations, and Nanomaterial Synthesis). In addition, fifteen years of teaching in different medical fields of physics.

CONTACT

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HOBBIES

Football
Reading
Cooking
Traveling
Laboratory

EDUCATION

University of Technology
1997 - 2001
Bachelor degree in Material science awarded by School of Applied Sciences.

University of Technology
2001 - 2004
Master degree in Applied Physics [Semiconductors Laser] awarded by School of Applied Sciences.

University Putra Malaysia
2012 - 2017
PhD degree in Applied Radiation and Nanomaterials awarded by Faculty of Sciences, with 3.94 CGPA.

WORK EXPERIENCE

Iraqi Ministry of Higher Education\College of Health and Medical Techniques Lecturer
2005 – continue
Teaching undergraduate classes at department of radiological Techniques as following:

1. General Physics for first year students.
2. Radiological Physics for second year student.
3. Radiological Physics for third year students.
4. Graduation Projects supervision for final year students.
5. English language for final year students.

Teaching postgraduate classes at department of radiological Techniques as following:

1. Radiological Physics and Radiation Protection.
2. Research methodology.

Positions held

1. Department coordinator [2008-2012].
2. Department council member [2006-continue].
3. Department scientific council member [2008-continue].

PUBLICATIONS

1. Faisal, Abdul Qader D., Mufeed A. Jaleel, and Aysar S. Keiteb. "Synthesis of Carbon Nanomaterials in Deionized Water with and without Catalyst Using Arc Discharge Technique." *Engineering and Technology Journal* 29.2 (2011): 240-252.
2. Abdullahi, Nura, et al. "Optimisation of the photonic efficiency of TiO_2 decorated on MWCNTs for Methylene Blue photodegradation." *PLoS One* 10.5 (2015): e0125511.
3. Keiteb, Aysar S., et al. "Structural and optical properties of zirconia nanoparticles by thermal treatment synthesis." *Journal of Nanomaterials* 2016 (2016).
4. Keiteb, Aysar Sabah, et al. "A modified thermal treatment method for the up-scalable synthesis of size-controlled nanocrystalline titania." *Applied Sciences* 6.10 (2016): 295.
5. Keiteb, Aysar S., and Shahad A. Ibraheem. "Accuracy of Elastography for Differentiation Benign and Malignant Breast Lesions." *Biomedical Journal of Scientific & Technical Research* 16.2 (2019): 11849-11856.

Conferences participation

- **The Regional Fundamental Science Congress (FSC2014)/UPM, 19-20 Aug. 2014.**

Title of paper: "The influence of calcinations temperature on structural and optical properties of Zirconia nanoparticles synthesized by thermal treatment method".
Authors: Aysar S. Keiteb*, Elias Saion, Azmi Zakaria, Mazliana Ahmad.

- **International Conference on Nano-Electronic Technology Devices and Materials (IC-NET 2015) /UiTM, 27Feb.-2 Mar. 2015.**

Title of paper: "The influence of calcination temperatures on structural and optical properties of TiO_2–ZrO_2 composite nanoparticles synthesized by modified thermal treatment method".
Authors: Aysar Sabah Keiteb, Elias Saion, Azmi Zakaria, Nura Abdullahi, Aesha Salem, M. A.Kamarudin.

- **1st ICRIL-International Conference on Innovation in Science and Technology (IICIST 2015)/UTM, 20th April, 2015**

Title of paper: "Structural, Morphological, and optical Properties of Nanocrystalline Zirconia Synthesized via Modified Thermal Treatment Technique".
Authors: Aysar Sabah, Elias Saion, Azmi Zakaria, Ahmad Fahad, Abubakar Yakubu.

- **5th International Conference on Recent Advances in Materials, Minerals and Environment (RAMM) & 2nd International Postgraduate Conference on Materials, Mineral and Polymer (MAMIP)/USM, 4-6 August 2015, Penang, Malaysia.**

Title of paper: "A Modified Thermal-Treatment method For Synthesizing TiO_2 Nanoparticles and Effect of Different Calcination Temperatures".
Authors: Aysar Sabah Keiteb, Elias Saion, Azmi Zakaria, Ahmad Fahad.