Ibtisam Yahya Abdullah

Smart Materials

University of Mosul/Iraq

Profile

More than 26 years as a knowledgeable and effective physics working with individual, group, and facilities, with extensive experience in solid-state physics special in piezoelectric smart materials and scientific research. Strong written and oral communication skills in Arabic and English, supervisory and teaching experience and advance software skills.

Employment History

Physical assistant in the College of Basic Education, 1994
An employee in the Human Resources Division at the College of Science 2000-2003
Lecturer at University of Mosul, IRAQ at the College of Science 2005
Rapporteur of the Department of New and Renewable Energies 2020

Education

Doctor of Philosophy, School of Applied Physics, Faculty of Science and Technology, Universiti Kebangsaan Malaysia, UKM, 43600 Bangi, Selangor, Malaysia
Dec. 2012 – May 2017

ENHANCED PIEZOELECTRIC PROPERTIES OF POLY(VINYLIDENE FLUORIDE) (PVDF) AS SMART MATERIALS FOR SENSOR APPLICATION

Master of Science (M.Sc.) in Theoretical solid state, University of Mosul, IRAQ
October 2002 – July 2005

Theoretical Study for Evaluation of Energy Level for GaP:Ti^{+3} and GaAs:V^{+2}

Bachelor of Education (B.Sc.), University of Mosul, IRAQ
October 1989 – July 1993

Courses

course in soled state physics in university of Mosul 2005.

course in Thin Film in university of Universiti Kebangsaan Malaysia 2015.

Certificate of participation for participating in the mini seminar on Complex photoinduced Nonlinear Optical Properties of the Nanocomposites & New Nanocomposites Optoelectronic Materials- The Use of Laser Treatment to Modify their Properties held in Institute of Microengineering and Nanoelectronics (IMEN), UKM on the 28th of May 2014. Workshop in Piezoelectric Materials, Theory and application. Ferroelectric and Piezoelectric Fundamentals, Measurement and applications.

References

Associate Professor ***Asim Esaa*** from La Mosul University

Lecturer **Zahra *Al-dabbagh***f rom La Mosul University
aldabbaghzahra2020@gmail.com

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DATE / PLACE OF BIRTH
1970/08/27
IRAQ

DRIVING LICENSE
Iraq License

Social Profiles
ResearchGate
https://https://www.researchgate.net/profile/Ibtisam_Abdullah3
LinkedIn
https://www.
https://www.linkedin.com/in/dr-ibtisam-yahya-6a982552/

Google Scholar
https://scholar.google.com/citations?user=g4f_L50AAAAJ&hl=ar
Publons
https://publons.com/researcher/3539612/ibtisam-yahya-abdullah/

Skills
Scientific Research

Supervisory & Teaching

Languages

Arabic

English

Hobbies
reading

Conferences

Oral presentation in UKM FST Postgraduate Colloquium: Proceedings of the Universiti Kebangsaan Malaysia, Faculty of Science and Technology 2014 Postgraduate Colloquium.10th – 11th April 2014: 147-151.

International Conference held in Kuala Lumpur, Malaysia on 12th February, 2015. Best wishes from TheIIER

Oral talk The 1st UKM-ISESCO-COMSATS International Workshop on Nanotechnology for Young Scientists (IWYS2016)

Participation Certificate is awarded for paper title "INFLUENCE OF TEMPERATURE ON CRYSTALLINE STRUCTURE OF POLYVINYLIDENE FLUORIDE" as PRESENTER In technical presentation and research contribution to 7th International Conference on Research in Engineering, Technology and Sciences (ICRETS), held at Kuala Lumpur, Malaysia

Certificate of participation for present the her paper title "Facile Formation of β Poly (vinylidene fluoride) Films using the Short Time Annealing Process" at 2nd International Postgraduate Conference on Science and Technology 2015" 8-9 September 2015 Langkawi, Malaysia.

BEST PRESENTER AWARD during the IPN-IWNEST Conference 2015 Langkawi, Malaysia
niversity of Duhok to participate in the 4th Kurdistan conference on Biological Sciences held at the University of Duhok. Duhok on May 8-10th , 2012

Certificate of participation for presented her in recognition of her valuable contribution as SECRETARIAT during the One Day Seminar on Piezoelectric Materials held at School of Applied Physics, Faculty of Science and Technology, Universiti Kebangsaan Malaysia, 43600 UKM Bangi, Selangor Darul Ehsan, Malaysia on Monday, 6 April 2015

Certificate of Attendance for her attended the 4th UKM-FLINDERS NANOTECHNOLOGY WINTER SCHOOL 2016 School of Applied Physics, Faculty of Science and Technology, Universiti Kebangsaan Malaysia, 25-27th January 2016

Workshops

participation in the Workshop on Ferroelectric and Piezoelectric: Fundamental, Measurement and Applications held on 21th September at Bilik Seminar Fizik D, University of Malaya

More Than 1000 Workshop

Resent Publications

1- Abdullah, I.Y., Yahaya, M., Haji Jumali, M. H., Shanshool, H.M. 2016. Influence of the Substrate on the Crystalline Phase and Morphology of Poly (Vinylidenefluoride) (PVDF) Thin Film. Surface Review and Letters.23 (3): 1650005 (1-8).

2- Abdullah, I.Y., Yahaya, M., Haji Jumali,M. H., Shanshool, H.M. 2016. Enhancement piezoelectricity in Poly (Vinylidene Fluoride) by Filler Piezoceramics Lead-Free Potassium Sodium Niobate (KNN). Optical and Quantum Electronics. 48(2): 149 (1-9).

3- Shanshool, H.M., Yahaya, M., Yunus, W.M.M. and Abdullah, I.Y. 2015. Measurements of Nonlinear Optical Properties of PVDF/ZnO Using Z-Scan Technique. Brazilian Journal of Physics, 45(5):538-544.

4- Shanshool, H.M., Yahaya, M., Yunus, W.M.M. and Abdullah, I.Y. 2016. Third order nonlinearity of PMMA/ZnO nanocomposites as foils. Optical and Quantum Electronics. 48(1):1-14.

5- Shanshool, H.M., Yahaya, M., Yunus, W.M.M. and Abdullah, I.Y.2016. Using Z-Scan Technique to Measure the Nonlinear Optical Properties of PMMA/ZnO Nanocomposites. Jurnal Teknologi (Sciences & Engineering), 78(3): 33–38.

6- Shanshool, H.M., Yahaya, M., Yunus, W.M.M. and Abdullah, I.Y.2016. Investigation of Energy Band Gap in Polymer/ZnO Nanocomposites. Journal of Materials Science: Materials in Electronics. 27(9): 9804–9811.

7- Shanshool, H.M., Yahaya, M., Yunus, W.M.M. and Abdullah, I.Y.2016. Influence of polymer matrix on nonlinear optical properties and optical limiting threshold of polymer-ZnO nanocomposites. Journal of Materials Science: Materials in Electronics. 27(9).

8- Shanshool, H.M., Yahaya, M., Yunus, W.M.M. and Abdullah, I.Y. 2017. Influence of CuO nanoparticles on Third Order Nonlinearity and Optical Limiting Threshold of Polymer/ZnO Nanocomposites. Optical and Quantum Electronics. 49(18).

9- Ibtisam Yahya Abdullah, Muhammad Yahaya, Mohd Hafizuddin Haji Jumali, Haider Mohammed Shanshool. INFLUENCE OF TEMPERATURE ON CRYSTALLINE STRUCTURE OF POLYVINYLIDENE FLUORIDE. International Journal of Technical Research and Applications e-ISSN: 2320-8163, www.ijtra.com Special Issue 23 (June-July 2015): 46-50

10- Ibtisam Yahya Abdullah, Mohammad Hafizuddin Haji Jumali, Muhammad Yahaya, Haider Mohammed Shanshool. Facile Formation of β Poly (vinylidene fluoride) Films using the Short Time Annealing Process. Advances in Environmental Biology, 9(20) Special 2015: 20-27

11- Ibtisam Yahya Abdullah, Muhammad Yahaya, Mohd Hafizuddin Haji Jumali, Haider Mohammed Shanshool. Effect of annealing process on the phase formation in Poly(vinylidene fluoride) Thin Films. 2014 UKM FST Postgraduate Colloquium: Proceedings of the Universiti Kebangsaan Malaysia, Faculty of Science and Technology 2014 Postgraduate Colloquium.10th – 11th April 2014: 147-151.

12- Shanshool, H.M., Yahaya, M., Yunus, W.M.M. and Abdullah, I.Y. 2014. Polymer-ZnO nanocomposites foils and thin films for UV protection. 2014 UKM FST Postgraduate Colloquium: Proceedings of the Universiti Kebangsaan Malaysia, Faculty of Science and Technology 2014 Postgraduate Colloquium. AIP Publishing. 1614: 136-141.

13- Ibtisam Yahya Abdullah, Muhammad Yahaya, Mohammad Hafizuddin Hj Jumali, and Haider Mohammed Shanshool. Influence of the spinning rate on the β−phase formation in poly(vinylidene fluoride) (PVDF) films. The 1st UKM-ISESCO-COMSATS International Workshop on Nanotechnology for Young Scientists (IWYS2016) AIP Conf. Proc. 1838, 020016-1–020016-5; doi: 10.1063/1.4982188 Published by AIP Publishing. 978-0-7354-1508.

14- Janan F. Ahmad, Ibtisam Y. Alkammash. “Theoretical study of some thermodynamical properties for solid under high pressure using finite-strain EOS” Journal of the Association of Arab Universities for Basic and Applied Sciences (2012) 12, 17–22.

15- Ibtisam Y. Alkammash. Evaluation of pressure and bulk modulus for alkali halides

16- under high pressure and temperature using different EOS. Journal of the Association of Arab Universities for Basic and Applied Sciences (2013) 14, 38–45.

17- Ibtisam Y. Abdullah. Investigation of Pressure Bulk modulus for Different Solid Materials under High Pressure Using Isothermal and Non-Isothermal EOS. Journal of Education and Science.

18- عدنان محمد الشيخ, ابتسام يحيى عبدالله. حساب مستويات الطاقة لشبه الموصل GaAsالمطعم بالفاناديوم +V2باستخدام النموذج النظري ذي المطاوعة متعامدة المحاور. مجلة التربية والعلم.