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Qualifications :

B. Sc. , Physics
University of Jordan, Amman, Jordan, 1971

Diploma, Telecommunication, Cambridge College of Arts
And Technology, Cambridge, U. K.

M. Sc., Physics
University of Jordan, Amman, Jordan, 1980

Ph. D., Molecular Physics.
University of Oregon, Eugene, Oregon, U.S.A. 1987.

PROFESSIONAL EXPERIENCE:

- (1) Teacher, Ministry of Education, Jordan (1971-1975)
- (2) Lecturer, Amman Polytechnic Institute, Jordan, (1976-1979)
- (3) Lecturer; University of Jordan , Amman, Jordan, (1980-1982)
- (4) Associate Researcher, Arizona State University, Arizona, U. S. A.
(Oct. 1,1985-Oct. 2,1986)
- (5) Research Assistant, Department of Physics, University of Oregon,
Eugene, Oregon, U.S.A. (Oct. 10,1986- May 1,1987).
- (6) Assistant to the Dean of Faculty of Science,
University of Jordan, (1990 –1993)
- (7) Assistant to the Dean of Faculty of Science,
University of Jordan, (1994/1995).
- (8) Chairman of Physics Dept.
The Hashimite University, Zarka, Jordan. (1998 –1999)
- (9) Chairman of Physics Dept.
University of Jordan (2000- 2001), And (1999-2000)

(10) Vice-president of Al-Balqa' Applied University, Salt, Jordan, from 2001-2005, for three years

(11) I am now staff member at physics department, university of Jordan.

ACADEMIC :

Professor, Faculty of Science, University of Jordan, (2000-now).

Associate Prof. Faculty of Science, University of Jordan, 1995.

Assistant Prof. Faculty of Science, University of Jordan, 1987,

Member of NATIONAL and INTERNATIONAL Committees:

Member of Organizing committee of the Conference on Laser in Science and Technology held in Amman, Jordan. (First and second)

Member of Organizing committee of the first Conference on Astronomy And Space held in Amman, Jordan.

Member of organizing committee of the first Jordan/ Italian Conference On Polymer in Technology held in Amman, Jordan.

Member of organizing committee of the Fourth Petra School held in Amman, Jordan

Member of organizing committee of the Third Conference on Condense Matter held in Amman, Jordan.

Y. Al-Ramadin, List of Publications

- 1) Optical properties of poly (vinyl chloride) /poly (ethylene oxide) blend
Al-Ramadin Y. Phys. Dept. Univ. of Jordan , Amman, Jordan. Opt. Mater. (Amsterdam) (2000), 14(4), 287-290. CODEN: OMATET ISSN: 0925-3467.
- 2) The optical properties of polymethymethcrylate polymer dispersed liquid Crystals. Al-Ani S.K.J; Al-Ramadin Y), 611. Et. al. Phys. Dept. Univ. of Jordan Amman Jordan, Polym. Test (1999), 18(8-619
CODEN: POTEDZ ISSN : 0142-9418.

- 3) Impedance spectroscopy of highly cross-linked epoxy resin/ bisphenol A-based polycarbonate. Al-Ramadin , Y. et. al. Phys. Dept. Univ. of Jordan Amman, Jordan. Polymer (1999), 40(13), 3877-3879. CODEN :POLMAG ISSN :0032-3861.
- 4) Electric characterization of metal fiber –polyester composite. Al- Haj Abdallah , M. Al-Ramadin, Y. et. al. Phys. Dept. Univ. of Jordan, Amman Jordan, Int. J. polym. Mater. (1997), 37(1-2) , 33-42. CODEN: IJPMCS ISSN : 0091-4037.
- 5) Opt electrical properties of poly (ethylene oxide) / alum composite. Al-Ramadin, Y. et. al. Phys. Dept. Univ. of Jordan, Amman, Jordan J. Thermoplastic Compos. Mater. (2000), 13(6), 497-509. CODEN: JTMAEQ ISSN: 0892- 7057.
- 6) The optical properties of poly(ethylene oxide) polymer dispersed Salt complex. Al-Ramadin, Y. et.el. Phys. Dept. Univ. of Jordan, Amman Jordan, J. Thermoplast. Compos. Mater. (2000), 13(6) 451-459. : JTMAEQ CODEN ISSN: 0892-7057.
- 7) Ion- selective conduction in poly(vinylchloride)/ poly(ethylene oxide) Blended membrane. Aid, Arwa, Al-Ramadin, Y. Zihlif Awwad. Phys. Dept., The Univ. of Jordan, Amman, Jordan, Int. J. Polym. Mater. (2000), 47(2-3) 387-397. CODEN: IGPMCS ISSN: 0091- 4037.
- 8)Electrical properties of polymethyl methacrylate polymer dispersed liquid Crystals. AL-Ramadin, Y. et. al. Dept. of Phys. Univ. of Jordan, Amman Jordan. J. Dispersion Sci. Technol.(1999), 20(6), 1541-1556. CODEN : JDTEDS .
- 9)Working-life effect on the properties of plastic thermo pipes. Hammad, M. Arafah, D. ; Al-Ramadin, Y.; Zihlif, A. Mechanical Eng. Dept. Univ. of Jordan, Amman, Jordan. J. Mater. Sci. (1998), 33(16) , 4167- 4171. CODEN : JMTSAS ISSN : -0022-2461.
- 10) Determination of the type of charges carries in carbon fiber/polymer Composite. Al-Ramadin, Y.; et.al. Phys. Dept. Univ. of Jordan, Amman, Jordan. Polem . Test. (1998), 17(4), 257-264. CODEN: POTEDZ ISSN : 0142-9418.

- 11) Determination of the type of charge carriers in carbon fiber / polymer Composite. Al-Ramadin, Y.; et. al. Phys. Dept. Univ. of Jordan, Amman, Jordan. Polym. Test. (1998), 17(1), 35-42. CODEN POTEDZ ISSN: 0142-9418.
- 12) Optical properties of epoxy – glass microballoons composite. Al-Ramadin, Y.; et. al. Phys. Dept., Univ. of Jordan, Amman, Jordan. Opt. Mater. (Amsterdam) (1996), 5(1/2), 69-73. CODEN: OMATET ISSN : 0925- 3467.
- 13) Study of Hall effect on Laminated carbon fiber – epoxy composite Al-Ramadin, Y. ; et. al. Phys. Dept., Univ. of Jordan, Amman Jordan. J. Mater. Sci. Lett. (1996), 15(6), 547-9. CODEN: JMSLD5 ISSN: 0261- 8028.
- 14) Excited state magnetic hyperfine interactions in gas phase strontium and calcium Monohydrides. Steimle, T. C. ; Meyer, T. P.; Al-ramadin, Y.; Bernath, P. ; Dep. Chem., Arizona State Univ., Tempe AZ. USA. J. Mol. Spectrosc. (1987), 125(1),225-32. CODEN:JMOSA3 ISSN:0022-2852.
- 15) High-resolution spectroscopic study of yttrium monoxide and strontium hydride. Al-ramadin Y. Univ. Oregon, Eugene, OR, USA. Uni. Microfilms Int. From: Diss. Abst. Int. B 1987, 48(3), 799-800.
- 16) Fine and hyperfine structure in the $X^2\Sigma^+$ state of gas phase yttrium monoxide. Steimle, T. C.; Al-Ramadin, Y.; Dep. Chem. Arizona State Univ., Tempe, AZ, USA. J. Mol. Spectrosc. (1987) 122(1), 103-12. CODEN: JMOSA3 ISSN: 0022-2852.
- 17) A microwave-optical double-resonance study of gas-phase yttrium monoxide. Steimle, T. C.; Al-Ramadin Y. Dept. Chem., Arizona state Univ. Tempe, AZ, USA. Chem. Phys. Lett. (1986), 130(1-2), 76-8. CODEN: CHPLBC ISSN: 0009-2614.
- 18) Changes in the composition of soda-lime glass resulting from silver doping. Sbouh, A. K.; Arafah, D. E.; Al-Ramadin, Y.. Phys. Dep., Univ. Jordan. Mater. Sci. Eng., B (1989), B3(4), 473-7. CODEN:MSBTEK.

- 19) Radiation-enhanced diffusion of silver produced by argon implantation into silver-doped glass. Sbouh, A. K.; Arafah, D. E.; Al-Ramadin, Y.. Phys. Dept., Univ. Jordan Amman, Jordan. J. Phys. : Condens. Matter (1989), 1(13), 5054-50. CODEN: JCOMEL.
- 20) Radiation-enhanced diffusion in ion-implanted glass. Arafah, D. E.; Al-Ramadin, Y. Phys. Dept., Univ. Jordan, Amman, Jordan. Appl. Phys. A. (1993). A56(6), 555-9. CODEN: APSFDB ISSN :0721-7250.
- 21) Characterization of pure ion-exchange diffusion and ion implanted glass. Arafah, D. E.; Al-Ramadin, Y.; Sharabati, H.. Univ., Jordan, Jordan. Editor(s): Alnaser Waheeb E. Sel. Top. Condense. Matter Phys., Proc. Int. Conf. Condense. Matter Phys. Apple. (1993), Meeting Date 1992, 163-70. Publisher: Univ. Bahrain, Isa Town, Bahrain CODEN: 60SDA7.
- 22) Aging effects of polypropylene used in heating system. Arafah, D. E.; Ramadin, Y.; Hammad, M.; Zihlif, A. Phys. Dept. Univ. of Jordan Amman, Jordan. Radiat. Phys. Chem. (1993), 41(3), 553-8. CODEN: RPCHDM ISSN :0146-5724.
- 23) Electrical properties of laminated epoxy-carbon fiber composite. Jawad S. A.; Ahamd, M.; Ramadin, Y.; Zilhif, A.; Paesano, A.; Martuscelli, E.; Ragosta, G. Phys. Dept. Univ. Jordan, Amman, Jordan. Polym. Int. (1993), 32(1), 23-31, CODEN: PLYIEI ISSN: 0959-8103.
- 24) Electrical and electromagnetic shielding behavior of laminated epoxy-Carbon fiber composite. Ramadin, Y. et. al. Physics Dept., Univ. of Jordan, Amman, Jordan. Polym. Int. (1994), 34(2), 145-50, CODEN: PLYIEI ISSN: 0959- 8103
- 25) Analysis of the ac- current properties of a PAN- based carbon-fiber / Polycarbonate composite. Ahmad, M. S.; Ramadin, Y.; et. al. Phys. Dept., Univ. of Jordan, Amman , Jordan. J., Thermoplastic. Compos. Mater. (1993), 6(April) 108-19, CODEN: JTMAEQ ISSN: 0892-7057.
- 26) Temperature dependence of electrical properties of nickal coated Carbon fiber-nylon 6,6 composite. Ramadin, Y.,; et. al. Phys. Dept. Univ. of Jordan, Amman, Jordan. J., Polym. Mater. (1993), 10(14) 251-5, CODEN: JOPME8 ISSN: 0970-0838.

27)Electrical properties of graphitised and degraphitized carbon-black
-filled rubber. Ramadin, Y.; et. al. Phys. Dept. Univ. of Jordan, Amman,
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28)The thermoelectrical behavior of PEO films doped with MnCL salt.
Ayad Ahmad, S.Saqan, Y. Ramadin, and A. Zihlif. Physics Department
University of Jordan, Amman, Jordan. J. of Thermoplastic Composite
Materials, Vol. 19,- 2006.

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