

## C.V

**For Prof. Dr. Mohamed Abulela Radwan**

### Researches History

#### **I**

**1 – The Kinetics of Esterification and Polyesterification of Mono and Difunctional Acids and Cyclic Acetal Containing Chlorine Atoms International conference at Bratislava Czechoslovakia in 1979.**

**2 – Fire Resistant Polyester Resin from Adepic Acid and 5,5-Bis-hydroxymethyl-2-triachloromethyl-1,3-Dioxane at Wroctaw Poland in 1979.**

**Polymer Science at Warsaw in 1979.**

**Second International Conference, Simplest – 79.**

**3 - Preparation of New Esters from 5,5-Bis-hydroxymethyl-2-triachloromethyl-1,3-Dioxane. By R.T.Sikoorski and M.A.Radwan.**

**Polish patent No.125166 Published in 1-3-1984.**

**4 - Preparation of New Polyesters from 5,5-di hydroxymethyl-2-trichloromethyl-2-trichloromethyl-1,3-Dioxane. By R.T.Sikoorski and M.A.Radwan.**

**Polish patent No.125167 Published in 1-3-1984.**

**5 - Flame Retardant Oil-Modified Chlorinated Alkyd Resins.**

**By F.F.Abdel-Mohsen and Mohamed A.Radwan.**

**J. Pigment and Resin Technology, Nov., 1987.**

**6 - Fire Retardant Alkyd Resins Based on Chlorinated Cyclic Mono-acetal and chlorindic Anhydride.**

**By F.F.Abdel-Mohsen and Mohamed A. Radwan.**

**J. Pigment and Resin Technology, vol. 17, No.8, Aug., 1988.**

**7 - Synthesis and study of water borne chlorinated Oil-Modified Alkyd Resins.**

**By Mohamed A. Radwan and F.F.Abdel-Mohsen, VIII, Scientific Conference and I Microsymposium on Polymer Modification, Poland, Wroctaw, 1987.**

**8 - Synthetic Resins and their Applications.**

**By Mohamed A. Radwan.**

**First Meeting for paints and their counters, El-Menia University, Faculty of Engineering, April, 1988.**

**9 – Polymer complexes : XXIV. Physico-chemical studies on coordination and stability in relation to IR data for poly ( cinnamaldehydeanthranilic acid ) complexes of d-block elements.**

Adel Z. Elsonbati, Ashraf A. El-Bindary, Mostafa A.Diab, **Mohamed A. El-Ela** & Sami A.Mazrouh. ; Polymer Degradation and Stability 42 (1993) 1-11

**10 - Polymer complexes : XXII. Metal chelates of poly [(5-vinylsalicylidene)-2-aminomethylpyridine].**

A.A. El-Bindary, A.Z El-Sonbati, M.A. Diab, **M.A.El-Ela** & S.A. Mazrouh ;Synth. React. Inorg. Met. Org. Chem.23 (6)(1993)875-888.

**11 – Polymer complexes : 25. Complexing ability of poly [(5-vinylsalicylidene)-2-aminomethylpyridine] towards different metal (II) salts.**

Adel Z. El-Sonbati, Ashraf A. El-Bindary, Mostafa A.Diab, **Mohamed A.El-Ela & Sami A.Mazrouh.** ;Polymer, 35 (3),(1994)647-651

**12 – Modification of some Alkyd and polyester resins with p-carboxyphenylmaleamicacid.**

A.Z.Gomma, S.Galal, **M.A.Radwan** & M. Elsabee ;Al-Azhar Bull. Sci. Vol. 9,no 2 (Dec.1998).

**13 - Polymer complexes : I Polyamide Complexes based on 1,3-dicarboxymethoxy benzene and hydrazine hydrate.**

**M.A.Radwan**, S.A. Mazrouh, M.M.Azab & S.K.Badr ; Al-Azhar Bull. Sci. Vol. 9,no 2(Dec.1998)

**14 – Preparation and characterization of some polyesterurethanes and polyesterurethane-ureas based on hydroxy terminated polyester.**

**Mohamed A.Radwan** ; Pigment & Resin 28 (2),(1999)71-74

**15 – Preparation of some organotin polymers via neu synthetic route.**

**Mohamed A.Radwan** , Pigment & Resin 28 (2),(1999)83-88

**16 – Polymer complexes II; polyimide complexes passed on 1,3-dicarboxymethoxy benzene and ethylendiamine**

**M.A.Radwan**, S.A. Mazrouh, M.M.Azab & S.K.Badr : Egypt.J.App.Chem. (Accepted)(1999).

**17 – Polyamide as corrosion inhibitor for steel corrosion.**

S.A.Mazrouh, **M.A.Radwan** & A.Y. El-Etre ; Accepted for poster presentation in the second international conference on electrochemistry and its applications, Luxor 2-4 Feb. (1999) South Valley University, Qena, Egypt.

**18 – Thermochromics behavior and electrical properties of some acrylamide and benzamide derivatives containing thione group.**

M.M.Azab, A.A.Mahmoud, **M.A.Radwan** & A.A.Khalil ; Bulletin of the faculty of science, Zagazig-Egypt. (Accepted) (1998)

**19 – “Parsley, Lettuce and Radish Oils as an Inhibitors for Corrosion of Carbon Steel in NaOH Solutions”**

**M.A.Radwan**, M.Abdallah, Shahera M.Shohayeb & S.A.Abdelhamed;

(Accepted) no.5, vol.4, (2010) Bulletin of the faculty of science and Engineering, Banha Egypt

**20 – Synthesis of Anionic polymeric surfactants with expected surface properties.**

**M.A.Radwan**, A.M.F.Eissa, S.K.Bader, M. El Hefnawy & M.M.Deef Allah.

Mansoura Engineering Journal, (MEJ), vol.35, no.2, June (2010)

**21 – Synthesis of nonanionic polymeric surfactants with an amide oxime terminal group .**

**M.A.Radwan**, A.M.F.Eissa, M. El Hefnawy, M.M.Azab & M.M.Deef Allah.

Journal of basic and environmental science. ( 2014 )

**22 – Synthesis, characterization and application of a novel nanometer-sized chelating resin for removal of Cu(II) and Ni(II) ions from aqueous solutions.**

**Mohamed Radwan**, A.E Shaaban, A.A. Khalil, Manal El Hefnawy & H.A. El Khawaga .

J Polym Res ( 2017 )

## Thesis Supervision

### II

#### **1 – Synthesis and Evaluation of some Polymeric Surface Active Agents.**

**Thesis submitted by " Mohamed Magdy Mohamed Deef Allah "**

**Supervised By : Prof.Dr. A. M. F. Eissa, Prof Dr. M.A. Radwan, Dr. S.K Badr &**

**Dr. M. ElHefnawy. (2010)**

#### **2 – Corrosion Behavior of Peteroleoum Pipe Lines in Aqueos Solution.**

**Thesis submitted by " Samar Abd Elhamid Ibrahim Abdelaal "**

**Supervised By : Prof.Dr. M. Abdallah, Prof Dr. M.A. Radwan &**

**Dr. S.M. Gamal Eldin. (2010)**

#### **3 – Synthesis and Reactions of some Heterocyclic Compounds of Expected Biological Activity.**

**Thesis submitted by " Esraa Azmy Abd El-Wahab "**

**Supervised By : Prof Dr. Mohamed Abo El-Ela Radwan, Prof.Dr. Ashraf Abd Elhamid Wasfy, Dr. Ali Abd Elmaboud Ali& Manal Mahmoud El-Hefnawy. (2011)**

**4 – Synthesis of Homopolymers and Copolymers as surface Active Agents.**

**Thesis submitted by " Mohamed Magdy Mohamed Deef Allah "**

**Supervised By : Prof Dr. Mohamed Abo El-Ela Radwan, Prof.Dr. A.M.F. Eissa, Prof.Dr. M.M. Azab& Dr. M. ElHefnawy. (2014)**

**5 – Synthesis and characterization of some nano chelating resin particles and their application in water treatment.**

**Thesis submitted by " Hanaa Abd El-Wahab Abd El-Azeem El-Khawage "**

**Supervised By : Prof Dr. Mohamed Abo El-Ela Radwan, Prof.Dr. Abd El-fattah Fadel Shaaban, Prof.Dr. Ahmed Abd El-Salam Khalil& Asst. Prof. Manal Mahmoud Talaat. (2018)**