

CURRICULUM VITAE

Dr. Omar R. Soliman, B.Sc., M.Sc., Ph.D.



A- PERSONAL DATA:

Full Name: Omar Rabie Ameen Soliman

Position Assistant Professor
Chemistry Department
Jazan University, Kingdom of Saudi Arabia.

Phone +966 0583646844, 0598707659

E-mail: omarsoliman246@yahoo.com / usausausa1000@gmail.com

B- Teaching Experiences:

- 1- Practical Courses of Physical Chemistry, Inorganic Chemistry and Analytical Chemistry to Undergraduate Students of Science, Pharmacy and Engineering Colleges in Helwan University, Egypt.
- 2- Training Courses of Material Science and Physical Polymer Chemistry to different Students and Chemists from Universities and Research Institutes in Polymers and Pigments Department, National Research Center, Egypt.
- 3- Physical and Inorganic Chemistry courses to Undergraduate Students of Science and Medical Colleges in Jazan University, KSA.
- 4- Physical Polymer Chemistry and solutions Chemistry courses to Undergraduate Students of Science College in Jazan University, KSA.
- 5- Practical Courses (Thermodynamics, kinetics, solutions and electrochemistry) to Undergraduate Students of Science College in Jazan University, KSA.

C- PUBLICATIONS:

1. **Omar Soliman,** Saber A. Ibrahim, Maha Sultan, Abdel-Aziz MS (2017). Synergistic Antimicrobial Effect of Xylitol with Curcumin: Water vapor barrier, Mechanical and Thermal Properties of PSS/PVA Packaging Films. International Journal of Applied Engineering Research, Vol. 12, issue 20, 10360-10366.
2. **Omar Soliman,** Saber A. Ibrahim (2017). Environmental Compact Disc Recycling using Cationic and Anionic Surfactant. Der Pharma Chemica, Vol. 9, issue 16, 103-107.
3. **Omar Soliman,** Saber A. Ibrahim (2016). Encapsulation of Carbon Black through Miniemulsion Polymerization as Hydrophobic Coating for Packaging Materials. Der Pharma Chemica, Vol. 8, issue 17, 245-252.
4. **Omar Soliman,** Ibrahim Abdelfattah, Saber A. Ibrahim (2016). Environmental recycling of compact disc using industrial wastewater. Der Pharmacia Lettre, Vol. 8, issue 17, pp. 207-214.
5. **Omar Soliman,** Saber A. Ibrahim (2016). Controlled Particle Size of Miniemulsion Polymerization in Presence of Different Hydrophobic Agents. International Journal of ChemTech Research, Vol. 9, issue 6, pp. 208-214.
6. **Omar Soliman,** Saber A. Ibrahim (2016). Nano-Encapsulation of Bioactive Oils through Emulsion polymerization as antimicrobials and Its Adhesion to Packaging film. Der Pharmacia Lettre, Vol. 8, issue 8, pp. 367-373.
7. **Omar Soliman,** Saber A. Ibrahim, Ahmed Labeeb, Ahmed F Mabied, Azza Ward, Salwa L Abd-El-Messieh, Abouelfotouh A Abdelhakim (2016). Synthesis of super-hydrophobic polymer nanocomposites as a smart self-cleaning coating films. Polymer Composites, Vol. 38, issue S1, pp. E147-E156.

8. **Omar Soliman**, Saber A. Ibrahim (2014). Characterization of nanoparticles stabilized food emulsion and its adhesion to packaging sheets. International Journal of Advanced Research, Vol. 2, issue 10, pp. 1045-1058.
9. **Omar Soliman**, Ahmed M. Youssef, A.M Rabie, A. A. Abdelhakim. Influence of the addition of Zn/Al Layered Double Hydroxide on the mechanical and thermal properties of poly(methyl methacrylate) nanocomposites. Egyptian Journal of Applied Sciences, Vol. 27, Issue 6, 2012.

D- PROJECTS:

1. Participated in the Egyptian Hungarian project. **Omar Soliman**, Egypt-Hungarian academic cooperation “Mechanical and photo-stability of polymer nanocomposites as a new application for nano- structured Materials” 2011-2013.
2. Participated in the Egyptian project. **Omar Soliman**, “Synthesis of Super-hydrophobic Surface as Smart Self-cleaning films”2013-2017.

E- CONFERENCES:

1. 6th International Conference Chemistry, King Saud University, Riyadh, Kingdom of Saudi Arabia, 8-10 November, 2016.
2. **O. R.Soliman**, Abou El Fettouh A. Abd Elhakim, A. M. Youssef. Effect of Zn/Al layered double hydroxide on the properties of polystyrene nanocomposites. 8th ECNP International Conference on Nanostructured Polymers and Nanocomposites, United Kingdom, 2014.

3. **Omar Soliman,** Saber Ibrahim. Encapsulated carbon black through miniemulsion polymerization in presence of modified nanoparticles of silica as surfactant. 3rd EPNOE International Polysaccharide Conference, Nice, France, 2013.
4. **O.R.A. Soliman,** V. Hornok, T. Bujdoso, T. Rica, A.A. AbdEl-Hakim, A.M. Youssef, I. Dekany. Stabilization of polymer hybrid nanocomposites using functionalised Zn-Al layer double hydroxides. 16th International Symposium on intercalation compounds, Czech Republic, 2011.