

Name	Manal Afham Toma Al-Saegh				
Education	Degree	Discipline	Institution	Year	
	B.Sc.	General Chemistry Industrial /polymers Polymers	Al-Mustansiriyah University/ College of Science	1991	
	M.Sc.			2005	
Ph.D	2015				
Academic experience					
Institution		Rank	Title	When	Full time or Part time
Chemical Engineering Department		Lecture		1995	Full time
Non-academic experience					
Company or entity		Brief description of position	When	Full time or Part time	
laboratory of clinical analysis		biochemist	1992-1993	P.T	
Mayoralty of Baghdad /Baghdad's water department		analyst Water analyst	1993-1995	F.T	
Certifications or professional registrations					
<ul style="list-style-type: none"> • Chemical safety and security officer training • Chemical safety against radiation • IC³ • Iraqi Chemists Union • Calibration of the balance 					
Current membership in professional organizations					
Chemists union					
Iraqi Academics syndicate					
Honors and awards					
•Honors from (Minister of Higher Education, Undersecretary for Scientific Research, Director of Research and Development, President of the University of Technology, and Head of Chemical Engineer in department)					
Briefly list the most important publications and presentations from the past five years					

– title, co-authors if any, where published and/or presented, date of publication or presentation

1. Thermal Graftization Of Acrylamide Monomer Onto Secondary Cellulose Acetate Using Ammonium Meta Vanadate Salt As Catalyst
2. Photo Graftization Of Acrylamide Monomer Onto Secondary Cellulose Acetate Using Ammonium Meta Vanadate Salt As Catalyst
3. Removal of chromium from electroplating wastewater by simple chemical treatment and ion exchange
4. Study Mechanical Properties of Epoxy Resin Cured at Constant Curing Time and Temperature with Different Hardeners
5. Synthesis and characterization of poly (vinyl chloride)-graft-poly (ethyl acrylate) and its membrane
6. Modification of polyvinyl chloride (PVC) membrane for vacuum membrane distillation (VMD) application
7. Novel chemical modification of polyvinyl chloride membrane by free radical graft copolymerization for direct contact membrane distillation (DCMD) application