Alalaya Assista	a <mark>h, Wali</mark> nt Profes	d ssor, Department of Chemical and	d Materials Engineering, King Abdul	aziz University
Educat	tion			
Degree	Field of Study Institution		Year	
PhD	Bio fuel	gas production as alternative	National University Malaysia, UKM	2010
MS	Stuc oxy	ly on the behavior of genated organic compounds	National University Malaysia, UKM	2007
BS	Che	mical Engineering	Baghdad University	1998
Acader	nic Exp	erience		
From	То	Institution	Rank	Full or Part Time
2012	Prese nt	King Abdul Aziz University	Assist. Prof.	Full Time
1999	2000	IBB University- Yemen	Demonstrator	Full Time

Non Academic Industrial Experience (including Consultations)					
From	То	Company/Entity	Title	Position Description	Full or Part Time
2001	2005	Yemen Gas Company, Sana'a	Senior Engineer		Full Time

Funded Research Projects and Patents from the Past five Years									
1.	"Experimental	Investigation	Parameters	of	Hydrogen	Production	by	Algae	Chlorella
	Vulgaris". King	Abdulaziz city,	(Co-I), 2014						

## **Certifications and Professional Registrations** None

Curren	t Membership in Professional Societies and Organ	iizations	
Society/organization		Rank	Member Since
1.	Iraqi Engineering Council (IEC)	Member	1998
2.	Yemen Engineering Council (YEC)	Member	2000
3.	American Society of Materials (ASM)	Member	1975

 Institutional and Professional Services (administration, committees, units, etc.)

 None

CV

Principa	l Publications/Presentations from the Past five Years
1.	Walid M. Alalayah, A. Al-Zahrani, Gaber E, Ayhan D." Kinetics of biological hydrogen production from green microalgae Chlorella vulgaris using glucose as initial substrate". Energy Sources, Part A: Recovery, Utilization, and Environmental Effects. (Accepted <b>2017</b> ).
2.	Ayhan D, Walid .M Alalayah, Gaber E. "Sludge production from municipal wastewater treatment in sewage treatment plant, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects. (Accepted 2017).
3.	Walid M. Alalayah, "Biodegradation of waste water treatment containing petroleum hydrocarbon using Rotating Biological Contractor (RBC)", International Journal of Advance Engineering and Research Development, Volume 4, Issue 3, pp: 58-65. <b>2017</b>
4.	<b>Alalayah</b> , W.M, Alhamed, Y., Al-Zahrani, A.A., Edris, G. Modeling hydrogen production using green algae <i>Chlorella vulgaris</i> utilizing Neural Networks. International Journal of Advance Engineering and Research Development, Volume 3, Issue 2, pp. 162-168. February <b>2016</b>
5.	<b>Alalayah</b> , W.M, Alhamed, Y., Al-Zahrani, A.A, Edris, G. Influence of culture parameters on biological hydrogen production using green algae <i>chlorella vulgaris</i> . REVISTA DE CHIME journal. 66 (6): 788-793 <b>2015</b> .
6.	<b>Alalayah</b> , W.M, Alhamed, Y., Al-Zahrani, A.A, Edris, G. Experimental investigation parameters of biohydrogen production by algae <i>Chlorella vulgaris</i> . Accepted in International Conference on Chemical, Environment & Biological Sciences (CEBS-2014) Sept. 17-18, 2014 Kuala Lumpur (Malaysia).
7.	<b>Alalayah</b> , W.M, Alhamed, Y., Al-Zahrani, A.A, Edris, G, Al-Turaif, H. A. Benefits from utilizing an artificial neural network as a prediction model for bio-hydrogen production. REVISTA DE CHIME journal. 65 (4): 458- 465. <b>2014</b>
8.	<b>Alalayah</b> , W.M, Alhamed, Y., Al-Zahrani, A.A, Edris, G. Experimental investigation parameters of biohydrogen production by algae <i>Chlorella vulgaris</i> . Accepted in International Conference on Chemical, Environment & Biological Sciences (CEBS-2014) Sept. 17-18, 2014 Kuala Lumpur (Malaysia).

Recent <b>F</b>	Professional Development Activities (Workshops, training, etc.)
1.	None