

## Curriculum Vitae

<b>1. Personal Information</b>	
Name	Samir Ahmed Al-Taweel
Nationality	Jordanian
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<b>2. Academic Qualifications</b>				
	University	Year	Country	Major
B.A	The University of Jordan	1979	Jordan	Chemistry
M.A	The University of Jordan	1982	Jordan	Organic Chemistry
Ph.D	The University of Michigan/ U.S.A	1988	U.S.A	Organic/Organometallic Chemistry

<b>3. Research and Teaching Interests</b>
Dr.Samir AL-Taweel's research focus in the area of solar cell in which we are synthesizing dye-sensitizers based on triphenylamine-oligothiophene units and synthesizing antibiotics based on thienopyridone analogues of commercial fluoroquinolones.
Dr.Samir AL-Taweel teaching organic chemistry for chemistry major as well as advanced organic chemistry and hetrocyclic chemistry for graduate students.


#### 4.Publication

##### A. Books

1.Introduction to the chemistry of aromatic heterocycles,2001,published by golden gate book store,Mutah.Karak,Jordan.

<b>B. Articles</b>				
<b>Title</b>	<b>journal</b>	<b>Date</b>	<b>Vol. &amp; No.</b>	<b>Pages</b>
1, 1'-Diarsaferrocene	Angew. Chem.	1987	99	249
1, 4- Dilithio- 1, 3-butadienes	Organometallics	1988	7	1878
Borepins and group 15 elements heteroles:	Pure & Appl. Chem	1990	3	513
Formation of Organodilithium compounds via Lithium-Tin Exchange	Organometallics,	1991	10	2424
Molecular and crystal structure of 2, 2', 5, 5'-Tetramethly-1, 1'-distabaferrocene	Organometallics,	1991	110	2068
Synthesis and crystal and molecular structure of 2,5-bis (Trimethylsilyl)-3,4-dimethyl-1-1-bisamaferrocene	J.Am. Chem. Soc	1992	114	373

Conformation of Heteroferrocenes. Sythesis and crystal and dynamic solution behavior of 2, 2', 5, 5', - Tetrakis (trimethylsilyl) - 3, 3', 4, 4' - tetramethyl -1, 1' - distibaferrocene	Organometallics	1992	11	1491
Secondary Bonding in Organobismuth Comparison of the structure of 2,2', 5,5', - tetramethyl – bibismaferrocene and 2,2',5,5' - Tetramethyl bibismole	Organometallics,	1992	11	2743
2'2',5,5'-Tetrakis (trimethylsilyl)- 3,3',4,4' - tetramethyl -1,1' - distibaferrocene,	Synthetic Methods of Organometallic and Inorganic Chemistry	2000	9, Part3	76
Molybdenum Tricarbonly Complexes of 1-Substituted Borepin	Organometallics	1997	16	1884
Synthesis and Dynamic solution behavior of 2,2',5,5' - Tetetrakis (trimethylsilyl) - 3,3', 4,4', - tetramethyl -1, 1' - diphosphaferrocene	Phosphorus,Sulfur, and Silicon,	1997	130	203
Synthesis of $\alpha$ -thiophene Oligomers via Organotin compounds	Phosphorus,Sulfur, and Silicon	1997	126	65

Synthesis of Thiophene Oligomers via Organotin Compounds	Mu'tah Lil_Buhuth Wad-Dirasat	2000).	15, 2	107
Synthesis and Characterization of 2,5-bis (2-Pyridyl) Thiophene	Phosphorus, Sulfur and Silicon,	2002	177,5	1041
Synthesis of Thiophene Oligomers via Organotin	Phosphorus,Sulfur,Silicon,	1999	155	47
Trifluoromethyl-Substituted $\beta$ -Diketones for Uranium (VI) and Thorium (IV) Ions,	Journal of Saudi Chemical Society	2008	12, 2	165
Electrochemical Behaviour of Thienyl-Fluorinated- $\beta$ -Diketone Substrates and Their Conductivity in Solution	Asian Journal of Chemistry	2008	20,3	1690
Synthesis and Biological Evaluation of Tetracyclic Thienopyridones as antibacterial and antitumor agents	Bioorganic & Medicinal Chemistry	2011	19	2541
Effect of Molecular-Level Insulation on the Performance of a Dye-Sensitized Solar Cell: Fluorescence Studies in Solid State	Journal of Fluorescence	2015	25, 1	5959
Synthesis and Antibacterial Activity of some 2-(arylamino)-4-thienyl-1, 3-thiazoles,	Mu'tah Lil_Buhuth Wad-Dirasat Accepted	2016		

Synthesis ,characterization and electrical properties of Poly(4,4"-di -n- hexyl-3',4'- dinitro- 2,2':5',2"- terthiophene) in preparation.	in preparation.			
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<b>5.Patents</b>