

السيرة الذاتية

١. المعلومات الشخصية	
عرب خليل محمد قصير	الاسم
الأردنية	الجنسية
Department of Chemistry Faculty of Science - Mu'tah University 61710 Mu'tah – Karak Jordan Email: aqaseer@mutah.edu.jo aqaseer2011@yahoo.com	معلومات الاتصال

٢. المؤهلات العلمية				
التخصص	الدولة	السنة	الجامعة	
الكيمياء	الأردن	1980	جامعة اليرموك	البكالوريوس
الكيمياء	الأردن	1985	جامعة اليرموك	الماجستير
كيمياء عضوية معدنية والعوامل المساعدة	الولايات المتحدة الأمريكية	1997	جامعة ليولا شيكاغو	الدكتوراه

٣. الاهتمامات البحثية والتدريسية
<p>Research Interests:</p> <p>My research interest focuses on the following topics:</p> <ul style="list-style-type: none"> ➤ Asymmetric Synthesis by Using Chiral Palladium(II). Catalysts. ➤ Chiral Drug Synthesis by mean of Chirotechnology. ➤ Organometallic and Inorganic Synthesis. ➤ Biological Activity Studies of Transition Metal Complexes. <p>Teaching:-</p> <p>I teach courses in Organometallic Chemistry and Inorganic Chemistry for undergraduate students. For graduate students, I teach Chemical Application of Group Theory and Organometallic and Catalysis Chemistry courses.</p>

٤. المنشورات
أ. الكتب:

ب.الابحاث				
الصفحات	العدد والمجلد	تاريخ النشر	المجلة	العنوان
1745-1750	136 part C	2015	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	Pr(III) luminescence enhancement by chelation in solution and in sol-gel glass
154-161	3	2014	<i>J. Environ. Occup. Sci.</i>	Solid-phase extraction employing 5-methyl-4-(2-thiazolylazo) resorcinol entrapped in sol-gel glass as a sorbent resin to remove zinc ions
123-128.	87	2014	<i>Croat. Chem. Acta.</i>	Supramolecular interactions involved in the solid state structure of N,N'-[bis(pyridin-2-yl)formylidene]ethane-1,2-diamine
237-242	54	2013	<i>Polyhedron</i>	Substitution reactions of cis-dichlorobis{2-(2'-pyridyl)quinoline}rhodium(III) chloride
2699-2701	53	2012	<i>Tetrahedron Lett.</i>	Asymmetric α -hydroxy ketone synthesis by direct ketone oxidation using a bimetallic palladium(II) complex
564 - 567	39	2009	<i>J. Chem. Crystallogr.</i>	Solid State Structure of 6,7-Dihydro-1,4-di(2'-pyridyl)-5H-Cyclopenta[d] Pyridazine
1661-1665	9	2008	<i>Catal. Commun.</i>	Asymmetric 1,4-disubstitution of 1,3-dienes: Palladium(II)-catalyzed formation of azido-ketones from 1,3-cyclohexadiene
227-231	128	2008	<i>J. Lumin.</i>	Luminescence properties of europium (III) crptates trapped in sol-gel glass
255-264	2	2007	<i>Jord. J. Chem.</i>	Synthesis, Characterization and NMR Studies of some 2,6-Diaminopyridine Complexes with Palladium(II), Rhodium(III) and Mercury(II)
2661-2665	7	2007	<i>J. Applied Sci.</i>	<i>Synthesis, characterization of 3,6-(2-pyridyl)-1,2,4,5-tetrazine complexes with gold(III)</i>
69-78	2	2007	<i>Jord. J. Chem.</i>	Bromination of ketones by palladium(II). An asymmetric α -bromoketones catalytically synthesized by a mono palladium(II) catalyst

1069-1076	60	2007	<i>J. Coord. Chem.</i>	Synthesis, Characterization and Semiempirical Calculations of Mercury(II) Complexes of 3,6-bis(2'-Pyridyl)-1,2,4,5-Tetrazine
1165-1171	60	2007	<i>J. Coord. Chem.</i>	Complexes of Substituted Dipyridylpyridazines with Palladium(II) and Platinum(II)
1593-1599	80	2006	<i>Polish J. Chem.</i>	Several Trivalent Rare Earth Complexes with 2,6-Diaminopyridine
343-348	632	2006	<i>Z. Anorg. Allg. Chem.</i>	Synthesis and Characterization of Palladium(II) Complexes with 2-(2'-Pyridyl)quinoline. Catalytic Air Oxidation of Olefins by Palladium(II) Complexes
687-696	50	2003	<i>Acta Chim Slov.</i>	Synthesis and Spectroscopic Characteristic of Mercury(II) Complexes with 2-(2'-Pyridyl)quinoline
439 – 441	5(4)	2003	<i>Org. Lett.</i>	New Palladium(II)-Catalyzed Asymmetric 1,2-Dibromo Synthesis
4229-4231	43	2002	<i>Tetrahedron Lett.</i>	An Air Oxidizable Bimetallic Palladium(II) Catalyst for Asymmetric Allylic Oxidation of Olefins in Acetic Acid
168-175	656	2002	<i>J. Organomet. Chem.</i>	Oxidation of Olefins by Palladium(II). 18. Effect of Reaction Conditions, Substructure and Chiral Ligand on the Palladium(II) Catalyzed Asymmetric Chlorohydrin Synthesis
37-41	16	2002	<i>Spectroscopy</i>	High resolution ^1H and ^{13}C NMR and mass spectral studies of substituted dipyridylpyridazine
		2002	<i>Conference Paper, 50th Annual ASMS Conference in Orlando, Florida, USA.</i>	Analysis of Palladium Complexes Containing Nitrogen Heterocyclic Ligands by Electrospray Ionization and Ion Trap Mass Spectrometry
50-55	659	2002	<i>J. Organomet. Chem.</i>	Oxidation of Ketone by Palladium(II). α -Hydroxy Ketone Synthesis Catalyzed by a Bimetallic Palladium(II) Complex
101-132	17	2002	<i>Mutah Lil-Buhuth wad-Dirasaat, Mu'tah University, Jordan</i>	Chemically Induced Mutagenesis in <i>Aspergillus nidulans</i> Using <i>cis</i> -[Pd(biq)Cl ₂] as Compared with NTG and Spontaneous Mutations

180-185	66	2001	<i>J. Org. Chem.</i>	Carbonylation of Ketone and Aldehyde
517 – 522	26	2001	<i>Transition Metal Chemistry</i>	Substituted Dipyridylpyridazine Rhodium(III) complexes
50-60	603	2000	<i>J. Organomet. Chem.</i>	Oxidation of Olefins by Palladium(II). 17. An Asymmetric Chlorohydrin Synthesis Catalyzed by a Bimetallic Palladium(II) Complex
3021-3024	41	2000	<i>Tetrahedron Lett.</i>	Palladium(II) catalyzed carbonylation of ketones
29-47	8	1999	<i>Abhath Al-Yarmouk</i>	Preparation of New 2,2'-Bipyrimidine Complexes of Palladium(II) via Substitution Reactions. Part II. High Resolution ¹ H and ¹³ C NMR and Mass Spectral Studies
606-609	12	1999	<i>Supercond. Sci. Technol.</i>	The rotational magnetic process and effects of γ -irradiation on vortex flux pinning in Tl-2223 at low temperatures
2790-2791	63	1998	<i>J. Org. Chem.</i>	A New Palladium(II) Catalyzed Asymmetric Chlorohydrin Synthesis
119-122	281	1985	<i>J. Organomet. Chem.</i>	Formation of lithium cyclopentadienide by the reaction of Li(C ₂ H ₅) ₃ BH with Cyclopentadiene and a convenient preparation of [M(CO) ₃ (η^5 -C ₅ H ₅)] (M = Cr, Mo and W)
393-404	296	1985	<i>J. Organomet. Chem.</i>	Organometallic Sulfur Complexes II. Synthesis and characterization of organometallic sulfane complexes (μ -S _x)-[M(CO) ₃ (η^5 -C ₅ H ₅) ₂]; M = Mo (x = 2, 3), M = W (x = 2) and new routes to [Cr(CO) ₂ (η^5 -C ₅ H ₅) ₂]S

٥. براءات الاختراع