

Personal Data:

Name			Nationality	Place of Birth	Date of Birth	Gender	Marital Status
Frist	Middle	Family	Egyptian	Cairo	10/6/1973	male	Married
Hassan	Mohamed	Ahmed Hassan					
General Specialization							
Specialization			Nanocatalysis and materials science				
Current Position			Professor				
Scientific Title			Professor <input type="checkbox"/> ProfessorAssociate <input type="checkbox"/> Assistant Professor <input type="checkbox"/> Lecturer <input type="checkbox"/> Other <input type="checkbox"/>				
Highest degree/ Date			PhDP / 22/10 /2007				
IDNumber			2459500431				
College		College of science	Department		Chemistry		

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Mailbox	Postal code		

Education (Bachelor, Master, PhD, Other):

No.	Qualification	Date	Degree	University	Collage	Scientific Department	Specialization	
							General	Specific
1	Bachelor	May 1996	B.SC	Suez Canal University	Faculty of Science	Chemistry	Chemistry	Chemistry
2	Master	20/7/2003	M.Sc	Suez Canal University	Faculty of Science	Chemistry	Chemistry	Physical Chemistry
3	PhD	22/10/2007	PhD	Suez Canal University/Virginia commonwealth university	Faculty of Science	Chemistry	Chemistry	Physical Chemistry

Employment Qualifications:

Job	Job Title	University Degree	Workplace	Date		Work duty	Years of Experience
				From	To		
Academic	Director of project management unit,	Professor	Suez university	2017	2018	Finding the funding sources	2 years
	Director of Regional center of academy of scientific research and technology (ASRT) (Suez, Red Sea and Sinai Province)	Professor	Suez university	2016	2018	Set up technology incubator	2 years

	Vice Dean for student affairs at faculty of industrial education	professor	Suez university	2/2016	7/2016		One semester
	Director of technology innovation and commercialization office (TICO)	professor	Suez university	2014	2018	Promotion a culture of applied research	4 years
	Egypt Nanotechnology Research Center	professor	Cairo university	2016	2018		2 years
	Head of Chemistry department	professor	Suez university	8/2018	10/2018		2 months

Participation in scientific conferences and symposiums

No.	Title of the conference or symposium	Held in	Year
1	<u>Hassan M.A.Hassan</u> , Abd El Rahman S. Khder, V. Abdelsayed and M. Samy El-Shall. Synthesis and Characterization of Ordered Nanoporous MCM-41 Containing Different Transition-metals oxides (Fe,Co,Cu, Zn) for CO Oxidation Reaction.	The 60th Southeastern Regional Meeting (SERMACS)	2008
2	M. Samy El-Shall, V. Abdelsayed, Abd El Rahman S. Khder, Hassan M.A.Hassan, Hani M. El-Kadri and Thomas E.Reich. Metallic and bimetallic nanocatalysts incorporated into highly porous coordination polymer MIL-101.	International Work Shop on Advanced Materials-IWAM 2010. Ras Al Khaimah, United Arab Emirates	2010

3	Hassan M.A.Hassan (Invited Speaker), Nanocatalysts for CO Oxidation on Different Supports: Mesoporous MCM-41, MIL-101 & Mixed Metal Oxides.	US-Egypt Advanced Studies Institute.Cairo-US,	2010
4	Hassan M. A. Hassan, Abd El Rahman S. Khder and M. Samy El-Shall. Shape Dependent Catalytic Activity of Au-CeO ₂ nanocomposite for CO Oxidation. International Work Shop on Advanced Materials-	IWAM 2011. Ras Al Khaimah, United Arab Emirates	2011
5	Optical Nanosensor Based on Metal-Organic Framework for Selective Determination and Complete Extraction of Toxic Metal Ions in Water Egyptian-German	SusWaTec Workshop Cairo	2013
6	Highly Selective and Controllable Oxidation for the Toxic Sulfur Containing Compounds through Phosphotungstic Acid Supported On Crosslinking Polymer Brushes Catalysts,	The 20th International Conference on Petroleum, Mineral Resources and Development Cairo	2017

Supervision of undergraduate:

No.	Thesis Title	Degree		University	Year	Collage	Department
		M.Sc.	Ph.D.				

Membership of specialized committees and associations:

No.	Committee	Period	Place
1	American chemical Society	2005	USA
2	Editorial board of Cogent Chemistry Journal (Tylor Francis publisher)	2016- present	United Kingdom

Training courses and workshops:

No.	courses / workshop	Specialization	Held in	Year
1				
2				
3				
4				
5				
6				

Skills:

Skills	1	Reading
	2	Football

Awards and honors:

No.	Award	Awarded by	Specialization	Period
1	University Award for International Publishing	Suez Canal University	Publication	2007-2014
2	Scientific Visitor, Virginia Commonwealth University-Richmond,USA	Virginia Commonwealth University	phD	2005

3	Scientific Visitor, Institut für Anorganische Chemie und Strukturchemie -Universität Düsseldorf-Germany,	Suez University	Postdoctoral	2016
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Languages:

language	Speaking	Writing	Reading
Arabic	Very good	Very good	Very good
English	Very good	Very good	Very good

ScientificPublication:

No.	Manuscript	Impact Factor
1	Tuning the redox potential of vitamin K3 derivatives by oxidative functionalization using a Ag(I)/GO catalyst S. I. El-Hout, H. Suzuki, S. M. El-Sheikh, H. M. A. Hassan , F. A. Harraz, I. A. Ibrahim, E. A. El-Sharkawy, S. Tsujimura, M. Holzinger and Y. Nishina, ChemComm , 53 (2018) 8890-8893	ISI 6.29
2	Facile fabrication of ordered mesoporous Bi/Ti-MCM-41 nanocomposites for visible light-driven photocatalytic degradation of methylene blue and CO, Shaimaa K. Mohamed, Amr Awad Ibrahim, A.A. Mousa, Mohamed A. Betihad, E.A. El-Sharkawy, Hassan M.A. Hassan , Separation and Purification Technology 195 (2018) 174–183	ISI 3.927
3	A new approach to polymer-supported phosphotungstic acid: Application for glycerol acetylation using robust sustainable acidicheterogeneous–homogenous catalyst, Mohamed A. Betiha, Hassan M.A. Hassan , E.A. El-Sharkawy, Ahmad M. Al-Sabagh, Mohamed F. Menoufy, H-E.M. Abdelmoniem, Applied Catalysis B: Environment 182 (2016) 15–25 .	ISI 11.698

4	Visual nickel(II) ions treatment in petroleum samples using a mesoporous composite adsorbent, Ahmed Shahat, Hassan M.A. Hassan , M.F.El-shahat, Osama El Shahawy, Md. Rabiul Awual, Chemical Engineering Journal , 334 (2018) 957-967	ISI 6.735
5	Novel hierarchical composite adsorbent for selective lead(II) ions capturing from wastewater samples, Ahmed Shahat , Hassan M.A. Hassan , Hassan M.E. Azzazy, E.A. El-Sharkawy, Hisham M. Abdou , Md. Rabiul Awual , Chemical Engineering Journal , 332 (2018) 377-386 .	ISI 6.735
6	Novel nano-conjugate materials for effective arsenic(V) and phosphate capturing in aqueous media, Ahmed Shahat, Hassan M.A. Hassan , Hassan M.E. Azzazy, Mohamed Hosni, Md. Rabiul Awual, Chemical Engineering Journal , 331 (2018) 54-63	ISI 6.735
7	Ultrahigh Performance of Novel Energy-efficient Capacitive Deionization Electrodes based on 3D Nanotubular Composites, Mohamed Ramadan, Hassan M.A. Hassan , Ahmed Shahat, Reda F. M. Elshaarawy and Nageh K. Allama, New Journal of Chemistry , http://dx.doi.org/10.1039/C7NJ03838K	ISI 3.2
8	Microwave-assisted hydrothermal fabrication of magnetic amino-grafted graphene oxide nanocomposite as a heterogeneous Knoevenagel catalyst, Hassan M.A. Hassan , Reda F.M. Elshaarawy, Sandeep Kumar Dey, Ilka Simon, Christoph Janiak, Catalysis Letter , 147(8) (2017) 1998-2005	ISI 2.911
9	Stable and Recyclable MIL-101(Cr)–Ionic Liquid Based Hybrid Nanomaterials as Heterogeneous Catalyst, Hassan M.A. Hassan , Mohamed A. Betiha, Shaimaa K. Mohamed, E. A. El-Sharkawy, Emad A. Ahmed, J. molecular liquids , 236 (2018) 385-394	ISI 4.513
10	Salen- Zr(IV) complex grafted into amine-tagged MIL-101(Cr) as a robust multifunctional catalyst for biodiesel production and organic transformation reactions, Hassan M.A. Hassan , Mohamed A. Betiha, Shaimaa K. Mohamed, E. A. El-Sharkawy, Emad A. Ahmed, Applied surface science , 412(2017)394-404 .	ISI 4.439
11	Novel high throughput mixed matrix membranes embracing poly ionic liquid-grafted biopolymer: Fabrication, characterization, permeation and antifouling performance, Reda F.M.Elshaarawy, Janina Dechnik, Hassan M.A.Hassan , Dennis Dietrich, Mohamed A.Betiha, Stephan Schmidt, C.Janiak, J. molecular liquids , 266 (2018) 484-494 .	ISI 4.513
12	Removal of copper(II) ions from Aqueous Media by Chemically Modified MCM-41 with N -(3-(trimethoxysilyl)propyl)ethylenediamine and Its 4-hydroxysalicylidene Schiff-base, Eman M. Saad, Hassan	ISI 1.326

	M.A. Hassan , Mohamed S. Soltan, Sahar I. Mostafad, Environmental Progress & Sustainable Energy DOI: 10.1002/ep.12771 .	
13	Promotion effect of palladium on Co ₃ O ₄ incorporated within mesoporous MCM-41 silica for CO Oxidation, <u>Hassan M.A. Hassan</u> , Mohamed A. Betiha, Reda F.M. Elshaarawy, M. Samy El-Shall, Applied surface science, 402(2017)99-107.	ISI 4.439
14	New Conduct in the Adsorptive Removal of Sulfur Compounds by New Nickel-Molybdenum Adsorbent, Mohsen S. Mostafa, Mohammed A. Betiha, Abdelrahman Mohamed Rabie, Hassan Mohamed Hassan , and Asmaa S. Morshedy, Ind. Eng. Chem. Res. , 57(2) (2018) 425–433	ISI 3.141
15	A green chemical route for synthesis of graphene supported palladium nanoparticles: A highly active and recyclable catalyst for reduction of nitrobenzene, S.I. El-Hout, S.M. El-Sheikh, Hassan M.A. Hassan , Farid A. Harraz, I.A. Ibrahim, E.A. El-Sharkawy, Applied Catalysis A: General 503 (2015) 176–185 .	ISI 4.521
16	A palladium(II) 4-hydroxysalicylidene Schiff-base complex anchored on functionalized MCM-41: An efficient heterogeneous catalyst for the epoxidation of olefins, Hassan M.A. Hassan , Eman M. Saad, Mohamed S. Soltan, Mohamed A. Betiha, Ian S. Butler, Sahar I. Mostafad, Applied Catalysis A: General 488 (2014) 148–159 .	ISI 4.521
17	Acid Catalyzed Organic Transformations by Heteropoly Tungstophosphoric Acid Supported on MCM-41, Abd El Rahman Salah Khder, Hassan M. Hassan , Mohamed S El Shall, Applied Catalysis A: General 411– 412 (2012) 77– 86	ISI 4.521
18	Acidic mesostructured aluminosilicates assembled from economic acidic template characterized by catalytic cracking reactions, Mohamed A. Betiha, Mohamed F. Menoufy, Ahmad M. Al-Sabagh, Hassan M.A. Hassan , Sawsan A. Mahmoud, Microporous and Mesoporous Materials 204 (2015) 15–24 .	ISI 3.649
19	Optical metal-organic framework sensor for selective discrimination of some toxic metal ions in water, A. Shahat, Hassan M.A. Hassan , Hassan M.E. Azzazy, Analytica Chimica Acta 793 (2013) 90– 98 .	ISI 5.123
20	Direct synthesis and the morphological control of highly ordered mesoporous Al-SBA-15 using urea-tetrachloroaluminate as a novel aluminum source, Mohamed A. Betiha, Hassan M. A. Hassan , Abd El Rahman S. Khder, Ahmed M. Al-Sabagh and Emad A. Ahmed, J. Mater. Chem. , 2012, 22, 17551 .	ISI 9.931

21	Photothermal deoxygenation of graphite oxide with laser excitation in solution and graphene-aided increase in water temperature, Victor Abdelsayed, Sherif Moussa, Hassan M. Hassan , Hema S. Aluri, Maryanne M. Collinson, and M. Samy El-Shall, J. Phys. Chem. Lett. 2010 , 1 , 2804–2809.	ISI 9.931
22	Microwave synthesis of graphene sheets supporting metal nanocrystals in aqueous and organic media, Hassan M. A. Hassan , Victor Abdelsayed, Abd El Rahman S. Khder, Khaled M. AbouZeid, James Turner, M. Samy El-Shall, Saud I. Al-Resayes and Adel A. El-Azhary, J. Mater. Chem. , (2009), 19 , 3832–3837.	ISI 9.931
23	Microwave Synthesis of Metallic and Bimetallic Nanocatalysts Supported on the Highly Porous Coordination Polymer MIL-101, M. Samy El-Shall, Abd El Rahman S. Khder, Victor Abdelsayed, Hassan M. A. Hassan , Hani M. El-Kaderi and Thomas Reich J. Mater. Chem. , (2009), 19 , 7625-7631.	ISI 9.931
24	Synthesis and Characterization of Pure and ZrO ₂ -Doped Nanocrystalline CuO-NiO System, Gamil.A. El-Shobaky, Nagi R.E.Radwan, M.Samy El-Shall, A.M.Turky, Hassan M.A.Hassan Appl. Surf.Science 254(2008)1651	ISI 4.439
25	Synthesis and characterization of nanoparticle Co ₃ O ₄ , CuO and NiO catalysts prepared by physical and chemical methods to minimize air pollution, Nagi R.E. Radwan, M.S. El-Shall, Hassan M.A. Hassan , Applied Catalysis A: General 331 (2007) 8 .	ISI 4.521
26	The role of method of preparation of CuO-NiO system on its physicochemical surface and catalytic properties, Gamil.A. El-Shobaky, Nagi R.E.Radwan, M.Samy El-Shall, A.M.Turky, Hassan M.A.Hassan Colloids and Surface A:Physi 311(2007)161 .	ISI 2.829
27	Physicochemical, Surface and Catalytic Properties of Nanocrystalline CuO-NiO as being influenced by Doping with La ₂ O ₃ , Gamil.A. El-Shobaky, Nagi R.E.Radwan, M.Samy El-Shall, A.M.Turky, Hassan M.A.Hassan , Colloids and Surfaces A: Physicochem. Eng. Aspects 345 (2009) 147–154 .	ISI 2.829
28	Nanocatalysis on Tailored Shape Supports: Au and Pd Nanoparticles Supported on MgO Nanocubes and ZnO Nanobelts Garry Glaspell, Hassan M.A.Hassan , Ahmed Elzatahry, Lindsay Fuoco, Nagi R.E.Radwan, and M.Samy El-Shall, J.Phys.Chem.B , 110 , (2006), 21387-21393.	ISI 3.146
29	Nanocatalysis on Supported Oxides for CO Oxidation, Garry Glaspell, Hassan M.A.Hassan , Ahmed Elzatahry, Victor Abdelsayed, and M.Samy El-Shall, Topics in Catalysis . 47 ,(2008), 22	ISI 2.439

30	Facile tailoring of hierarchical mesoporous AISBA-15 by ionic liquid and their applications in heterogeneous catalysis, Hassan M.A. Hassan , Mohamed A. Betiha, Reda F.M. Elshaarawy, Emad A. Ahmed, J. Porous Materilas, 25 (2018)63-73.	ISI 1.858
31	Hafnium Pentachloride Ionic Liquid for Isomorphic and Postsynthesis of Hf-KIT-6 Mesoporous Silica: Catalytic Performances of Pd/ SO ₄ ²⁻ /Hf-KIT-6, Hassan M. A. Hassan , Mohamed A. Betiha, Abd El Rahman S. Khder , Mohsen Mostafa, M. Gallab, J. Porous Materilas, 23 (2016) 1339-1351	ISI 1.858
32	CO oxidation over Au and Pd nanoparticles supported on ceria–hafnia mixed oxides SK Abd El Rahman, Hassan M.A. Hassan , Mohamed A. Betiha, K.S Khairou, A.A Ibrahim Reaction Kinetics, Mechanisms and Catalysis 112 (1)(2014) 61-75.	ISI 1.515
33	Effects of K ₂ O–Li ₂ O doping on surface and catalytic properties of Fe ₂ O ₃ /Cr ₂ O ₃ system, Gamil A. El-Shobakya, Awad I. Ahmedb, Hassan M.A. Hassan , Shayma E. El-Shafey, J. Alloys and Compounds 509 (2011) 1314–1321.	ISI 3.779
34	Effect of CeO ₂ -doping on surface and catalytic properties of CuO–ZnO system,Gamil A. El-Shobaky, Hassan M.A. Hassan , Naema S. Yehia, Abdel Rahman A.A. Badawy, Journal of Non-Crystalline Solids 356 (2010) 32–38.	ISI 2.488
35	Catalytic Oxidation of CO by O ₂ Over Nanosized CuO–ZnO System Prepared Under Various Conditions, Gamil A. El-Shobaky, Naema S. Yehia, Hassan M. A. Hassan and Abdel Rahman A. A. Badawy, The Canadian Journal of chemical Engineering 87, (2009), 792-800.	ISI 1.265
36	Experimental Evaluation and Numerical Modeling of Catalytic Activity of Ag-Fe Nanoparticles Systems Prepared by Microwave Synthesis Method for CO Oxidation, A.A. Elzatahry, Hassan M. Hassan , M. ELSayed Youssef, Int. J. Electrochem. Sci., 5 (2010) 1496 – 1506.	ISI 1.369
37	Grain size effects on the transport properties of Li ₃ V ₂ (PO ₄) ₃ glass–ceramic nanocomposites for lithium cathode batteries, A. M. Al-Syadi, M. S. Al-Assiri, Hassan M. A. Hassan , M. M. El-Desoky, J. Mater Sci: Mater Electron, 27(4)(2016)4074-4083.	ISI 2.324
38	Electrochemical performance of novel Li ₃ V ₂ (PO ₄) ₃ glass-ceramic nanocomposites as electrodes for energy storage devices, M. M. El-Desoky, A. M. Al-Syadi, M. S. Al-Assiri, Hassan M. A. Hassan , Gaber El Anany, J Solid State Electrochem, 20 (10) (2016) 2663-2671	ISI 2.324

39	Grain size effects on dynamics of Li-ions in $\text{Li}_3\text{V}_2(\text{PO}_4)_3$ glass-ceramic nanocomposites, A. M. Al-Syadi, M. S. Al-Assiri, Hassan M. A. Hassan , M. M. El-Desoky, Ionics , 22 (2016) 2281-2290	ISI 2.347
40	A comparative study of incorporation of TiO_2 into MCM-41 nanostructure via different approaches on the photocatalytic degradation of methylene blue and CO oxidation, Hassan M. A. Hassan , Shaimaa K. Mohamed, Amr Awad Ibrahim, E. A. El-Sharkawy, A. A. Mosa, Reaction Kinetics, Mechanisms and Catalysis , 120(2017)791-807 .	ISI 1.515
41	Effect of sulfur addition on the electrochemical performance of lithium-vanadium-phosphate glasses as electrodes for energy storage devices, A. M. Al-Syadi, M. S. Al-Assiri, Hassan M. A. Hassan , M. M. El-Desoky, J of Electroanalytical Chemistry , 804(2017) 36-41 .	ISI 3.235
42	Effect of sulfur addition and nanocrystallization on the transport properties of lithium–vanadium–phosphate glasses, M. M. El-Desoky, A. M. Al-Syadi, M. S. Al-Assiri, Hassan M. A. Hassan , journal of Materials Science Materials in Electronics , 29(2018) 968–977	ISI 2.324

References:

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3	Nageh k Allam	Professor	<i>American University in Cairo</i>	nageh.allam@aucegypt.edu	