

Personal Data:

Name			Nationality	Place of Birth	Date of Birth	Gender	Marital Status
First	Middle	Family	Egyptian	Fayoum, Egypt	21/10/1979	Male	Married
Amr	Abdel Naby	Essawy					
General Specialization		Chemistry					
Specialization		Inorganic and Photochemistry					
Current Position		Head of the Quality Committee in Chemistry Department					
Scientific Title		<input type="checkbox"/> Other <input type="checkbox"/> Lecturer <input type="checkbox"/> Assistant Professor <input checked="" type="checkbox"/> Professor Associate <input type="checkbox"/> Professor					
Highest degree/ Date		Ph. D., 2007					
ID Number							
College		Science	Department	Chemistry			

Contact Data:

Address	Chemistry Department – College of Science – Jouf University – Sakaka – KSA	E-mail address (official)	aaessawy@ju.edu.sa
Work Phone no. (Internal phone number)	4493	E-mail address (personal)	aae01@fayoum.edu.eg
Home phone number		Personal site	optional
Mobile		Fax	
Mailbox	Postal code 2014		

Education (Bachelor, Master, PhD, Other):

No.	Qualification	Date	Degree	University	Collage	Scientific Department	Specialization	
							General	Specific
1	B. Sc.	May 2000	Excellent (honor degree)	Cairo	Science	Chemistry	Science	Chemistry
2	M. Sc.	2003	-----	Cairo	Science	Chemistry	Chemistry	Inorganic and Photochemistry
3	Ph. D.	2007	-----	Fayoum	Science	Chemistry	Chemistry	Inorganic and Photochemistry

Employment Qualifications:

Job	Job Title	University Degree	Workplace	Date		Work duty	Years of Experience
				From	To		
Academic	Assistant Professor	Assistant Professor	Chemistry Department – College of Science – Jouf University – Sakaka – KSA	2015	now	Staff member	4 Y
	Assistant Professor	Assistant Professor	Chemistry Department – Faculty of Science – Fayoum University– Fayoum – Egypt	2007	now	Staff member	12 Y
	Assistant Lecturer	Assistant Lecturer	Chemistry Department – Faculty of Science – Cairo	2003	2007	Staff member	4 Y

			University– Fayoum Branch – Egypt				
	Demonstrator	Demonstrator	Chemistry Department – Faculty of Science – Cairo University– Fayoum Branch – Egypt	2000	2003	Staff member	3 Y
Research	Post Doctor	Assistant Lecturer	Material Science Department – Milano Bicocca University– Milano – Italy	Jan 2009	Oct. 2009	Member in Research Project	9 Months
	Post Doctor	Assistant Lecturer	Material Science Department – Milano Bicocca University– Milano – Italy	Nov. 2009	Sept. 2010	Member in Research Project	10 Months

Participation in scientific conferences and symposiums:

No.	Title of the conference or symposium	Held in	Year
1	7 th International conferences on “Solar Energy Conversion & Applied and environmental Photochemistry”, Http://www.photoenergy.org .	Luxor - Egypt	2003
2	8 th International conferences on “Solar Energy Conversion & Applied and environmental Photochemistry”, Http://www.photoenergy.org .	Luxor - Egypt	2005
3	9 th International conferences on “Solar Energy Conversion & Applied and environmental Photochemistry”. Http://www.photoenergy.org .	Cairo - Egypt	2006
4	International conference on "Molecular/Nano-Photochemistry, Photocatalysis and solar energy conversion [Solar 08], 24 – 28 February, http://www.solar.sabrycorp.com	Cairo - Egypt	2008
5	Participated with Oral Presentation in the third International Conference " <i>BIT's 3rd Annual Conference and EXPO of AnalytiX 2014</i> with attendance of nine Nobel Laureates, 25-28 April, 2014.	Dalian, China	2014
6	A member in the international organizing committee of “The International Conference on Sensors Engineering and Electronics Instrumental Advances (SEIA’ 2015)”, Dubai, UAE, November.	Dubai, UAE	2015
7	Participated with Poster Presentation at the first international conference “ <i>The Scientific Conference in Surface Science and Its Applications</i> ”, College of Science.	Jouf University, Aljouf, Saudi Arabia,	2016

Supervision of undergraduate:

No.	Thesis Title	Degree		University	Year	Collage	Department
		M.Sc.	Ph.D.				
1	Preparation, characterization and Theoretical Studies for some transition metal complexes	√		Fayoum University	2014	Science	Chemistry

2	Photocatalysis for the removal of water pollutants using TiO ₂ grafted chitosan polyaniline nanocomposites	√		Beni-suef University	2016	Science	Chemistry
3	Novel spectroscopic methods for assessment of some pharmaceutical compounds	√		Beni-suef University	2015	Pharmacy	Chemistry
4	Photoactive Chitosan Composites for Photo-induced Wound Healing Applications		√	Al-Azhar University	2017	Science	Chemistry

Membership of specialized committees and associations:

No.	Committee	Period	Place
1	Member in the American Society of Chemistry	2010 - 2013	USA
2	Member of Instruments and Laboratory committee	2012/2013	Faculty of Science – Fayoum - Egypt
3	President of Quality Committee	2016 till now	Chemistry Department – College of Science – Jouf University - KSA
4	Member of Graduation Committee	2016/2017	College of Science – Jouf University - KSA
5	President of Graduation Unit	2017 till now	College of Science – Jouf University - KSA
6	Member of Scientific Committee	2016/2017	Chemistry Department – College of Science – Jouf University - KSA
7	Member of Studying Plans Committee	2016/2017	Chemistry Department – College of Science – Jouf University - KSA
8	Coordinator of Electronic-Learning Committee	2016/2017	Chemistry Department – College of Science – Jouf University - KSA
9	Member of Scholarship Committee	2016/2017	College of Science – Jouf University - KSA
10	Member of Following up Committee	2016/2017	College of Science – Jouf University - KSA
11	President of Following up Committee	2017/2018	College of Science – Jouf University - KSA

Training courses and workshops:

No.	courses / workshop	Specialization	Held in	Year
1	Training Workshop on "Photoenergy Technology: Applications in the Environment Concepts and Hands-on Approach" Photoenergy Center, Ain Shams University.	Photoenergy	Photoenergy Center, Ain Shams University, Cairo, Egypt	October 14-16, 2003
2	Training Workshop on "Photoenergy Technology: Solar Cells and Environmental Applications" Photoenergy Center, Ain Shams University.	Photoenergy	Photoenergy Center, Ain Shams University, Cairo, Egypt	25-26 February, 2004.
3	UNESCO Course on renewable energies "Expert on the design, installation and management of systems using Renewable Energies – Photovoltaic", Catania, Italy, from Nov. 29 th 2004 till Dec. 17 th 2004.	Renewable Energies – Photovoltaic	Enel Company, Catania, Italy	Nov. 29 th 2004 till Dec. 17 th 2004.
4	Training workshop on "Preparation of University Staff", Mar. 4 th 2006 till 28 th 2006.	Skills development	Fayoum University, Fayoum, Egypt	Mar. 4 th 2006 till 28 th 2006
5	Training workshops under the titles of "Means of Scientific Research", "Communications Skills", "Thinking Skills", "Ethics in Scientific Research", "Scientific Publishing", "Credit hours System", "Career Ethics", "Quality Standards in Teaching Process" and "Learning for ever" within the frame of the (FLDP) Project "Faculty and Leadership Development Project", Fayoum University, Fayoum, Egypt.	Skills development	Fayoum University, Fayoum, Egypt.	
6	Conference on "Quality Assurance and Accreditation in Higher education: Pathway to the future", Jan. 16 th 2007, Cairo University, Egypt.	Quality Assurance	Cairo University, Egypt.	Jan. 16 th 2007,
7	English course for communication in foreign counters.	Language skills	Center for Foreign Languages and Professional Translation, Cairo University, Egypt	2008
8	Italian Course (Pre A2, 120hrs.), from February to June Università degli Studi di Milano Bicocca, http://www.didattica.unimib.it	Language skills	June Università degli Studi di Milano Bicocca, Milano, Italy	February to June 2010
9	TOFEL Course test, Center for Foreign Languages and Professional Translation, Cairo University, Egypt.	Language skills	Cairo University, Egypt.	2007

Skills:

Skills	1	Skills in scientific research and writing scientific articles
	2	Developing chemical systems of environmental and industrial impacts
	3	Skills in training students to utilize some lab. Instruments and performing applied research
	4	Skills in some administrative and teaching duties as well as organizing workshops and conferences
	5	Skills in peer reviewing scientific articles

Community, cultural and volunteer contributions:

No.	activity	Type of activity	Period
1			
2			
3			

Awards and honors:

No.	Award	Awarded by	Specialization	Period
1	Award as Graduate holds the highest grade	Cairo University, Cairo , Egypt	Day of Science	2000
2	Doctoral Degree Holder	Fayoum University, Fayoum, Egypt	1 st Day of Science	2008
3	Award as International Researcher	Fayoum University, Fayoum, Egypt	2 nd Day of Science	2009
4	Award as International Researcher	Fayoum University, Fayoum, Egypt	5th Day of Science	2012

5	Award as International Researcher	Fayoum University, Fayoum, Egypt	6th Day of Science	2013
6	Award as International Researcher	Fayoum University, Fayoum, Egypt	7th Day of Science	2014
7	Award as International Researcher	Fayoum University, Fayoum, Egypt	8th Day of Science	2015
8	Award as International Researcher	Fayoum University, Fayoum, Egypt	9th Day of Science	2016
9	Award as International Researcher	Jouf University, Saudi Arabia	Day of Excellence	2016
10	Award as International Researcher	Fayoum University, Fayoum, Egypt	10th Day of Science	2017
11	Award as International Researcher	Jouf University, Saudi Arabia	Day of Excellence	2017
12	Award as International Researcher	Fayoum University, Fayoum, Egypt	11th Day of Science	2018
13	Award as International Researcher	Fayoum University, Fayoum, Egypt	13th Day of Science	2020
14	Award as International Researcher	Fayoum University, Fayoum, Egypt	14th Day of Science	2021

Administrative positions

No.	Position	Organization	Country	Period
1				

2				

Languages:

language	Speaking	Writing	Reading
Arabic	√	√	√
English	√	√	√
Italian	√		√

Authoring Books

No.	Book Title	ISBN	Co-Author	Edition	Number of Pages	Book Language	Publication Date
1	Sustainable Polymer Composites and Nanocomposites	978-3-030-05399-4		First	1440	English	April 2019
2	Materials for Biomedical Engineering	9780081028148, 9780081028155.		First	1440	English	2019
3	Inorganic Nanomaterials for Super capacitor Design	ISBN-13: 978-0367230005 ISBN-10: 0367230003		First	365	English	12/2019
4	Biorenewable Nanocomposite Materials, Vol. 2: Desalination and Wastewater Remediation	ISBN13: 9780841297807 eISBN: 9780841297791		Volume 2		English	2022

Scientific Publication:

No.	Title	Publisher	Year of Publication
1	One-pot phyto-mediated combustion technicality for synthesizing Pd adorned Cu ₂ O@ CuO heterojunction with great efficiency in CO oxidation and epoxidation applications	Colloids and Surfaces A: Physicochemical and Engineering Aspects, Elsevier	2022
2	Hybrid solvothermal/sonochemical-mediated synthesis of ZnO NPs generative of ·OH radicals: Photoluminescent approach to evaluate ·OH scavenging activity of Egyptian and Yemeni <i>Punica granatum</i> arils extract	Ultrasonics Sonochemistry, Elsevier	2022
3	Biorenewable Nanocomposites as Highly Adsorptive and Potent Photocatalyst Materials for Producing Immaculate Water	Biorenewable Nanocomposite Materials, Vol. 2: Desalination and Wastewater Remediation, American Chemical Society	2022
4	Tailoring the photoluminescence of capmatinib towards a novel ultrasensitive spectrofluorimetric and HPLC-DAD monitoring in human serum; investigation of the greenness characteristics	Microchemical Journal, Elsevier	2022
5	Tailoring the structuralism in xBaO·(30-x) Li ₂ O· 70B ₂ O ₃ glasses for highly efficient shields of Gamma radiation and neutrons attenuators	Physica Scripta, IOP publishing	2021
6	Selective and efficient sequestration of Cr (VI) in ground water using trimethyloctadecylammonium bromide impregnated on Artemisia monosperma plant powder	Journal of the Taiwan Institute of Chemical Engineers, Elsevier	2021
7	Facile synthesis and characterization of novel Gd ₂ O ₃ -CdO binary mixed oxide nanocomposites of highly photocatalytic activity for wastewater remediation under solar illumination	Journal of Physics and Chemistry of Solids, Elsevier	2021
8	Green synthesis of spongy Nano-ZnO productive of hydroxyl radicals for unconventional solar-driven photocatalytic	Journal of Environmental Management, Elsevier	2020

	remediation of antibiotic enriched wastewater		
9	Green fabrication of silver imprinted titania/silica nanospheres as robust visible light-induced photocatalytic wastewater purification	Materials Chemistry and Physics, Elsevier	2020
10	Highly selective epoxidation of olefins using vanadium (IV) schiff base-amine-tagged graphene oxide composite	Colloids and Surfaces A: Physicochemical and Engineering Aspects, Elsevier	2020
11	Energy transfer in polymeric film: Selective photoluminescent approach applied in durable optical sensing of flumequine in pharmaceutical and veterinary formulations	Microchemical Journal, Elsevier	2020
12	Biogenic-Mediated Synthesis of Mesoporous Cu ₂ O/CuO Nano-Architectures of Superior Catalytic Reductive towards Nitroaromatics	Nanomaterials, DMPI	2020
13	Ultrasonic-Assisted Synthesis and Characterization of Chitosan-Graft-Substituted Polyanilines: Promise Bio-Based Nanoparticles for Dye Removal and Bacterial Disinfection	Journal of Chemistry, Hindawi	2020
14	Amino Acid-Assisted Inorganic Materials for Supercapacitors	Inorganic Nanomaterials for Supercapacitor Design, Taylor & Francis	2019
15	Biocompatible chitosan in unique applications for tissue engineering	Materials for Biomedical Engineering, Elsevier	2019
16	Biocompatible and Biodegradable Chitosan Composites in Wound Healing Application: In Situ Novel Photo-Induced Skin Regeneration Approach	Sustainable Polymer Composites and Nanocomposites, Springer	2019
17	Novel spectrofluorimetric assessment of ondansetron hydrochloride based on excited state quenching of pararosanine fluorophore	Elsevier	2018
18	A novel photocatalytic system consists of Co(II) complex@ZnO exhibits potent antimicrobial activity and efficient solar-induced wastewater remediation	Solar Energy, Elsevier	2018
19	Silver imprinted ZnO nanoparticles: Phytosynthesis, characterization and efficient sunlight-induced photocatalytic	J. Cleaner Production, Elsevier	2018

	water detoxification		
20	Wastewater remediation by TiO ₂ -impregnated chitosan nano-grafts exhibited dual functionality: high adsorptivity and solar-assisted self-cleaning	J. Photochemistry & photobiology, Elsevier	2017
21	Ultrasonic-mediated synthesis and characterization of TiO ₂ -loaded chitosan-grafted-polymethylanilines of potent efficiency in dye uptake and sunlight driven self-cleaning applications	RSC advances, RSC	2016
22	Kinetic studies and grafting mechanism for methyl aniline derivatives onto chitosan: Highly adsorptive copolymers for dye removal from aqueous solutions	Reactive and functional polymers, Elsevier	2015
23	Physico-mechanical properties, potent adsorptive and photocatalytic efficacies of sulfate resisting cement blends containing micro silica and nano-TiO ₂	Construction and building materials, Elsevier	2014
24	DFT calculations, spectroscopic, thermal analysis and biological activity of Sm(III) and Tb(III) complexes with 2-aminobenzoic and 2-amino-5-chloro-benzoic acids	<i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i> , Elsevier	2014
25	Highly selective antenna effect in polystyrene membrane immobilized 2-pyridone sensitizer: Novel spectrofluorimetric method for assessment of nanoscale Tb(III) ions	<i>Sensors and Actuators B: Chemical</i> , Elsevier	2014
26	Novel application of pyronin Y fluorophore as high sensitive optical sensor of glucose in human serum	Talanta, Elsevier	2013
27	A highly luminescent complexes of Eu(III) and Tb(III) with norfloxacin and gatifloxacin doped in sol-gel matrix: A comparable approach of using silica doped Tb(III) and Eu(III) as optical sensor	J. Luminescence, Elsevier	2012
28	A novel method for tyrosine assessment in vitro by using fluorescence enhancement of the ion-pair tyrosine-neutral red dye photo probe	Analytical Methods, RSC	2012
29	Europium-Sensitized and Simultaneous pH-Assisted Spectrofluorimetric Assessment of Ciprofloxacin, Norfloxacin and Gatifloxacin in Pharmaceutical and serum Samples	J. Photochemistry & Photobiology, Elsevier	2012

30	Determination of Ofloxacin using a Highly Selective Photo Probe Based on the Enhancement of the Luminescence Intensity of Eu^{3+} —Ofloxacin Complex in Pharmaceutical and Serum Samples	J. Fluorescence, Springer	2012
31	Membrane-Assisted Charge Separation and Photocatalytic Activity in Embedded TiO_2 : A Kinetic and Mechanistic Study	J. Physical Chemistry C, ACS	2010
32	Photocatalytic Degradation of Water Pollutants in Titania Suspensions	http://www.hcww.com.eg	2010
33	Application of Novel Copolymer- TiO_2 Membranes for Some Textile Dyes Adsorptive Removal from Aqueous Solution and Photocatalytic Decolorization	J. Hazardous Materials, Elsevier	2008
34	Production, Characterization and Photoactivities of Ln(III) Complexes and Doped TiO_2 Catalysis	Molecular/Nano-Photochemistry, Photocatalysis and solar energy conversion [Solar 08]	2008
35	Energy Transfer in Systems of Industrial Impacts	Solar Energy and Applied Photochemistry [SOLAR '06]	2006
36	Photosensitized Degradation of Dinitrosalicylic Acid by Uranyl ions	<i>International Journal of Photoenergy, Hindawi Publishers</i>	2003

References:

No.	Name	Job	Address	E-Mail	Tel.
1	Prof. Ahmad El Kady	Prof. Chemistry	Chemistry Department – Faculty of Science – Fayoum – Egypt	ayk00@fayoum.edu.eg	
2	Prof. Arafa Sabry	Vice President of Postgraduate and Scientific Research Fayoum University	Faculty of Science – Fayoum – Egypt	ash02@fayoum.edu.eg	

3	Prof. Saleh Alawney	Vice Dean of Faculty of Science – Fayoum University	Faculty of Science – Fayoum – Egypt	saa09@fayoum.edu.eg	
---	---------------------	--	--	--	--