

Personal Data:

Name			Nationality	Place of Birth	Date of Birth	Gender	Marital Status
Frist	Middle	Family	Egyptian	Kafer El-shekh	4/3/1980	F	married
Rania	Hosny	Aly					
General Specialization							
Specialization			Inorganic chemistry				
Current Position							
Scientific Title			Other <input type="checkbox"/>	Lecturer <input checked="" type="checkbox"/>	Assistant Professor <input type="checkbox"/>	ProfessorAssociate <input type="checkbox"/>	Professor <input type="checkbox"/>
Highest degree/ Date			Ph.D in inorganic chemistry				
IDNumber			2459859142				
College			science	Department	Chemistry		

Contact Data:

Address		E-mail address (official)	rhaly@ju.edu.sa
Work Phone no. (Internal (phone number)		E-mail address (personal)	mhmd_mosad@yahoo.com
Home phone number		Personal site	
Mobile	0557328440	Fax	
Mailbox		Postal code	

Education (Bachelor, Master, PhD, Other):

No.	Qualification	Date	Degree	University	Collage	Scientific Department	Specialization	
							General	Specific
1	Bachelor of Science in Special Chemistry	2002	Excellent with honors and first on department and college	Al-Azhar University	Science	Chemistry	Special chemistry	Special chemistry
2	Master of Inorganic Chemistry	2009		Al-Azhar University	Science	Chemistry	Special chemistry	Inorganic chemistry
3	PhD in Inorganic and Analytical Chemistry		2014	Al-Azhar University	Science	Chemistry	Special chemistry	Inorganic chemistry

Employment Qualifications:

Job	Job Title	University Degree	Workplace	Date		Work duty	Years of Experience
				From	To		
Academic	A demonstrator then an assistant lecturer and a lecturer in the chemistry department	demonstrator then an assistant lecturer and a lecturer	Al-Azhar university – Faculty of science – Department of chemistry	2003	2018	teaching	15

Participation in scientific conferences and symposiums

No.	Title of the conference or symposium	Held in	Year
1	International Conference for Basic Sciences th (9) Energy, Environment and Sustainable Development	Egypt	2017
2	6th China-Africa Water Resources Forum	Egypt	2018
3	The Fifth International Conference on New Horizons in Basic and Applied Science (ICNHBAS) 26-29 September, Hurghada, 2021	Egypt	2021

Supervision of undergraduate:

No.	Thesis Title	Degree		University	Year	Collage	Department
		M.Sc.	Ph.D.				
1	Intralesionnal Zinc Sulphate Injection in Treatment of Viral Warts	M.Sc		Al-Azhar University	2017	Medicine	Dermalogy
2	Synthesis and Characterization of some selected transition metal complexes with some novel organic ligands bearing active groups and their applications in different fields	M.Sc		Al-Azhar University	2018	Science	Chemistry
3	Biosynthesis of metal nanoparticles by certain bacterial strains and their medical applications		Ph.D.	Benha University	2018	Science	Chemistry
4	Synthesis and Characterization of some coordination compounds for potential biological and catalytic studies	M.Sc		Al-Azhar University	2019	Science	Chemistry
5	New metal complexes bearing sulfonamide fragment: synthesis and study of geometrical structure and thermal stability		Ph.D.	Al-Azhar University	2019	Science	Chemistry

6	Preparation, Spectroscopic Characterization, Antiviral and anti-fungal Investigations of some Schiff Base Metal Complexes in Bulk and Nano size	M.Sc		Jouf University	2022	Science	Chemistry
7	Evaluation of the antioxidant activity of silver nanoparticles derived from green algae <i>Chlorella Vulgaris</i> extract against toxicity induced by doxorubicin in experimental animals	M.Sc		Jouf University	2022	Science	Chemistry

Membership of specialized committees and associations:

No.	Committee	Period	Place
1	Member of the Egyptian Society of Analytical Chemistry	2019–2022	Egypt

Training courses and workshops:

No.	courses / workshop	Specialization	Held in	Year
1	Self-Assessment Course for Higher Education Institutions		National Authority for Quality Assurance and Accreditation	2018
2	A course in the characterization of programs and decisions and evaluation of the learning outcomes of higher education institutions		National Authority for Quality Assurance and Accreditation	2018
3	External audit of higher education institutions		National Authority for Quality Assurance and Accreditation	2018
4	1st ENMRI International Workshop of Environment : Challenges&Solutions		Library of Alexandria	2016
5	Renewable Energy Workshop: Prospects and Challenges		Jouf University	2019

Languages:

Language	Speaking	Writing	Reading
English	√	√	√
Arabic	√	√	√

Authoring Books

No.	Book Title	ISBN	Co-Author	Edition	Number of Pages	Book Language	Publication Date
1	Chapter 3 in the book Green Chemistry and Applications "Synthesis and Characterization of Nanocomplexes by Green Chemistry and Their Applications in Different Fields"	978-1-78984-124-4	Rania H Taha			English	September 18th 2019
2	Biosynthesis of metal nanoparticles by certain bacterial strains	978-613-9-46477-7	Rania H Taha, M. O. Ab Abdel-Moneim, Hanady A. Mahomoud			English	2019
3	Biosynthesis of Zinc Nanocomplex Employing for Plant Growth Promotion and Bio-Control of Pythium ultimum		Shaima M.N. Moustafa and Rania H. Taha			English	2021

Scientific Publication:

N O.	Title	Publisher	Year of Publicat ion
1	Study of Binary and Ternary Complexes of Co(II), Ni(II), Cd(II), Fe(III) and UO₂(II) of Amino Carboxylic Acid Derivatives and Pyridine, Synthesis, Spectroscopic Characterization, Thermal Investigation and Biological Activity	Egyptian journals	(2010)
2	Preparation, Spectroscopic Characterization, DNA Cleavage, Antimicrobial and Antitumor Investigations of Nickel and Uranyl Schiff Base Complexes in Bulk and Nano size		(2015)
3	Efficient procedure with new fused pyrimidinone derivatives, Schiff base ligands and its La and Gd complexes by green chemistry	Royal Society of Chemistry	(2018)
4	Antimicrobial Activity of Bio and Chemical Synthesized Cadmium Sulfide Nanoparticles		(2018)
5	Synthesis and characterization of newly synthesized Schiff base ligand and its metal complexes as potent anticancer	Elsevier	(2019)
6	Evaluation of newly synthesized derivatives of bis(hydrazine-1-carbo- thioamide) and their metal complexes synthesized in bulk and nano size as potent anticancer agents	Wiley, Applied Organometallic Chemistry,	(2019)
7	Corrosion inhibition of two Schiff base complexes on the mild steel in 1M HCl solution	Egyptian Journal of Chemistry	(2019)
8	Immobilization of novel inorganic nano-complexes onto MWCNTs nano- materials as a novel adsorbent and an anti-inflammatory therapy in induced model of rheumatoid arthritis	IOP, Nanotechnology	(2020)
9	A study of newly synthesized ligand and its metal complexes in bulk and nano-size and metal uptake efficiency	Wiley, Applied	(2020)

		Organometallic Chemistry,	
10	Usage UV Irradiation for Reducing Fungal Contamination of Loose Nuts in Al Jouf Markets	Egyptian Academic Journal of Biological Sciences	(2020)
11	Biosynthesis of Zinc Nanocomplex Employing for Plant Growth Promotion and Bio-Control of Pythium ultimum	Intech open	2021
12	Recovery of uranium from ferruginous Shale mineralization from Um Bogma formation, Egypt, via Duolite ES-467 chelating resin	Zeitschrift für anorganische und allgemeine Chemie	2021
13	Mycogenic Nano-Complex for Plant Growth Promotion and Bio-Control of Pythium aphanidermatum	Plants	2021
14	Novel biosynthesis of Ag-nanocomplex for controlling Verticillium wilt disease of olive tree	Archives of Phytopathology and Plant Protection	2021
15	Green synthesis of silver and gold nanoparticles and their potential applications as therapeutics in cancer therapy; a review	Inorganic Chemistry Communications, 109610	2022
16	<input type="checkbox"/> Preparation and characterization of Polyvinyl chloride/Polymethyl-methacrylate/Graphite membrane used for the purification of the bioethanol produced	Egyptian Journal of Chemistry ^{MA/G}	2022

		Egyptian Journal of Chemistry	
17	Synthesis and physicochemical characterization of Schiff base complexes and examination of their selectivity index for breast and colon cancer cells.	<i>Egyptian Journal of Chemistry</i>	2022