

CURRICULUM VITAE

PERSONAL DATA

Name	WESAM ABD EL-FATTAH ABD EL-AZIM
Nationality	Egyptian
Position	Assistant professor
E-Mail	wabulfatah@imamu.edu.sa
Phone	0546705900

EDUCATION

Year	Academic Degree	Institution
2013	Doctoral degrees	Port Said University
2009	Master's degrees	Suez Canal University
2006	Pre-Master Degree	Suez Canal University
2005	Bachelor's degrees	Suez Canal University

WORK EXPERIENCE

Period	Position	Address
2015 to 2023	Assistant professor of organic chemistry	Chemistry department, Al Imam University.
2013 to 2015	Lecturer of organic chemistry	Chemistry department, Port Said University.
2009 to 2012	Lecturer Assistant of organic chemistry	Chemistry department, Port Said University.
2006 to 2009	Demonstrator of chemistry	Chemistry department, Port Said University.

RESEARCH INTERESTS

Organic Chemistry
Medicinal and Pharmaceutical Chemistry
Metallorganic Chemistry
Biorganic Chemistry

PUBLICATIONS

- NEW MN(III)/FE(III) COMPLEXES WITH THIOHYDANTOIN-SUPPORTED IMIDAZOLIUM IONIC LIQUIDS FOR BREAST CANCER THERAPY
Ola A. Abu Ali **W. Abd El-Fattah**, Mohammad Y. Alfaifi Ali A. Shati d, Serag Eldin I. Elbehairi, Ali H. Abu Almaaty, Reda F.M. Elshaarawy, Eman Fayad
Inorganica Chimica Acta, Volume 551, 2023, 121460
- Enhanced Adsorption and Evaluation of Tetracycline Removal in an Aquatic System by Modified Silica Nanotubes
Khalid Althumayri, Ahlem Guesmi, **Wesam Abd El-Fattah**, Ammar Houas, Naoufel Ben Hamadi, and Ahmed Shahat
ACS Omega 2023, 8, 6762–6777
- New Ionic Liquid Microemulsion-Mediated Synthesis of Silver Nanoparticles for Skin Bacterial Infection Treatments
Fayez Althobaiti 1, Ola A. Abu Ali 2, Islam Kamal 3, Mohammad Y. Alfaifi 4, Ali A. Shati 4, Eman Fayad 1, Serag Eldin I. Elbehairi 3,5, Reda F. M. Elshaarawy 6,7,* and **W. Abd El-Fattah**
Antibiotics 2023, 12, 247
- Phenylboronic Acid-Grafted Chitosan Nanocapsules for Effective Delivery and Controllable Release of Natural Antioxidants: Olive Oil and Hydroxytyrosol
Omnia M. Hendawy, Mohammad M. Al-Sanea, Rehab M. Elbargisy, Hidayat Ur Rahman, Ahmed A. B. Mohamed, Islam Kamal, Reda F. M. Elshaarawy, Amgad I. M. Khedr and **Wesam Abd El-Fattah**
Pharmaceutics, 15(1), 81, 2023
- EFFECTIVE ADSORPTION AND REMOVAL OF DOXORUBICIN FROM AQUEOUS 2 SOLUTIONS USING MESOSTRUCTURED SILICA NANOSPHERES: BOX-BEHNKEN 3 DESIGN OPTIMIZATION AND ADSORPTION PERFORMANCE EVALUATION
Khalid Althumayri, Ahlem Guesmi, Wesam Abd El-Fattah, Lotfi Khezami, Taoufik Soltani, 5 Naoufel Ben Hamadi, and Ahmed Shahat
ACS Omega, 2023
- Synthesis and structural of Fe₃O₄ magnetic nanoparticles and its effect on the structural optical, and magnetic properties of novel Poly(methyl methacrylate)/ Polyaniline composite for electromagnetic and optical applications
Nuha Y. Elamin, Abueliz Modwi, **Wesam Abd El-Fattah**, A. Rajeh
Optical Materials, 135, 113323, 2023

- Synthesis of Azoles in Water by Copper(I)-Catalyzed Prepared by Arc Thermal Plasma Process and a molecular Docking Study Against COVID-19
Ahlem Guesmi, Lotfi khezami, **Wesam Abd El-Fattah**, Naoufel Ben Hamadi
Oriental journal of chemistry, 38(5), 1104-1109, 2022
- Synthesis, Spectroscopic Characterization, Molecular Docking and Biological Activity of Novel Secnidazole Metal Complexes
Wesam Abd El-Fattah, Nuha Y Elamin
Inorganics, 10(10), 156, 2022
- Functionalized MOF as a Sensitive Spectroscopic Probe for Hg²⁺, Co²⁺, and Al³⁺ Ions Detection in Aqueous Media
WESAM ABD EL-FATTAH, EIDA S AL-FARRAJ, NAOUFEL BEN HAMADI, AHMED ALHARBI, AHMED SHAHAT
ACS omega, 7, 20, 17483–17491, 2022
- Organically tuned white-light emission from two zero-dimensional Cd-based hybrids
RAWIA MSALMI, SLIM ELLEUCH, BESMA HAMDI, **WESAM ABD EL-FATTAH**, NAOUFEL BEN HAMADI, HOUCINE NAILI.
Royal Society of Chemistry, 2022
- Stabilization of supramolecular network of fluconazole drug polyiodide: Synthesis, computational and spectroscopic studies
Hela Ferjani, Rim Bechaieb, Necmi Dege, **Wesam Abd El-Fattah**, Nuha Y Elamin, Wafa Frigui
Journal of Molecular Structure, 1263, 133192, 2022.
- preparation and characterization of ZnO nanoparticles incorporated by mechanical milling into cellulose for electrical insulator applications
N. Ben Hamadi A. Guesmi, **W. Abdulfattah**, M. ben Ticha, F. K. Algathami, K. Aouadi, J. ElGhoul, A. Houas
Digest Journal of Nanomaterials and Biostructures, 17(2), 579-588, 2022.
- Synthesis and molecular docking and of new 1,2,3-triazole carbohydrates with COVID-19 proteins
NAOUFEL BEN HAMADI, AHLEM GUESMIA,, FAISAL K. ALGATHAMI , LOTFI KHEZAMI, WIDED NOUIRA,
WESAM ABD EL-FATTAH.
Current organic synthesis, 2022.
- Mechanochemical Promoted Heterocycles: A Solvent-Free Route to Triazole Carbohydrates as Glycogen Phosphorylase Inhibitors
AHLEM GUESMIA,, **WESAM ABDULFATTAH**, MANEL BEN TICHA , FAISAL K. ALGATHAMI , KAISS AOUADI,
AMMAR HOUAS, LOTFI KHEZAMI , NAOUFEL BEN HAMADI
Current organic synthesis, 2022.

- Application of a new synthesized magnesium porphyrin complex in the degradation of methylene blue dye
KHAIREDDINE EZZAYANI , ARBIA BEN KHELIFA , AHLEM GUESMI , NAOUFEL BEN HAMADI , **WESAM ABD EL-FATTAH**, HABIB NASRI
Journal of Molecular Structure 1258, 132663, 2022.
- Spectrophotometric and Fluorometric Methods for the Determination of Fe(III) Ions in Water and Pharmaceutical Samples
AHMED SHAHAT, NUHA Y. ELAMIN, AND **WESAM ABD EL-FATTAH**
ACS Omega, 7, 1, 1288-1298, 2021.
- NEW APPLICATION OF SWERN OXIDATION: PREPARATION OF 2-PYRAZOLINES WITH “ACTIVATED” DMSO
NAOUFEL BEN HAMADI, **W. ABD EL-FATTAH**, AHLEM GUESMI
Heterocyclic Letters, Vol. 11, No.1, 25-29, Nov-Jan, 2021.
- In Methanolic Solvent Synthesis of New MnII, CoII, NiII and CuII Schiff Base of Aromatic β Amino Acids: Spectroscopic, Thermal, Molecular Docking and Antimicrobial Studies
Asma S Al-Wasidi, Nawal M Al-Jafshar, Amal M Al-Anazi, Moamen S Refat, Nashwa M El-Metwaly, HK Ibrahim, **Wessam Abd El-Fattah**, Ahmed M Naglah, Mohamed A Al-Omar, Atef Kalmouch
Science of Advanced Materials 12 (8), 1137-1148, 2020.
- Syntheses and Cytotoxicity Screening of Some Novel 1,2,4-Triazine Derivatives against Liver Carcinoma Cell Lines
W. ABD EL-FATTAH
Letters in Organic Chemistry, 18 (1), 2-7, 2020.
- Broad-band luminescence involving fluconazole antifungal drug in a lead-free bismuth iodide perovskite: Combined experimental and computational insights
FERJANI, H ; BECHAIEB, R ; **ABD EL-FATTAH, W** ; FETTOUHI, M
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, 2020.
- Synthetic, Spectroscopic, Thermogravimetric and Biological Studies of Some Lanthanide(III) and Th(IV) with Fluorescein Dye as a Complexing Agent
AHMED M. NAGLAH, MOHAMED A. AL-OMAR , MAHMOUD SALMAN, ASMA S. AL-WASIDI, AKRAM M. EL-DIDAMONY, HAMMAD FETOOH, EMAN S. E. ABD EL-MAK SOUD , MOHAMED Y. EL-SAYED, ABDEL MAJID A. ADAM, MOAMEN S. REFAT AND **W. ABD EL-FATTAH**
Science of Advanced Materials, VOL. 11 (6), PP. 808-816, 2019.

- TINCTORIAL PROPERTIES OF COTTON AND MODIFIED COTTON FABRICS DYED WITH DATE PITS POWDER USING CONVENTIONAL AND ULTRASONIC ENERGY
A. GUESMI, W. A. EL-FATTAH, L. KHESAMI, N. B. HAMADI.
Journal of Optoelectronic and Biomedical Material, Vol. 10, No. 4, PP. 91-96, 2018.
- Spectroscopic and Anticancer Studies on New Synthesized Copper(II) and Manganese(II) Complexes with 1,2,4-Triazines Thiosemicarbazide
MOAMEN S. REFAT, I. M. EL-DEEN, M. S. EL-GARIBB, AND W. ABD EL-FATTAH
Russian Journal of General Chemistry, Vol. 85, No. 3, pp. 692–707, 2015.
- Synthesis of fused 1,2,4-triazines as potential antimicrobial and Antitumor Agents RESEARCH ON CHEMICAL INTERMEDIATE JOURNAL
Mohamed Abd El-Moneim, J.A. Hasanen, I.M. El-Deen and W. Abd El-Fattah
RESEARCH ON CHEMICAL INTERMEDIATE JOURNAL, VOL. 41(6), PP. 3543–3561, 2015.
- Evaluation of Antioxidant and Antitumor Activities of Some Prepared Nitrogen Heterocycles
Mohamed Abd El-Moneim, I.M. El-Deen and W. Abd El-Fattah
INDIAN JOURNAL OF APPLIED RESEARCH, Volume : 3 | Issue : 7 | July 2013
- SPECTRPSOCIC, THERMAL AND MICROBAIL STUDIES ON MN(II), CO(II), NI(II) AND CU(II) COMPLEXES OF BIDENTATE LIGAND HAVING ANTHRANILIC ACID MOIETIES
Moamen S. Refat, Mohamed S. Elgharib, H.K.Ibrahim, and Wesam A. Abdel Azzim.
Mens Agitat, Volume IV, Numero 1, P.73-84, 2009.