

CURRICULUM VITAE

PERSONAL DATA

Name	Mohamed Said Attia Gaber
Nationality	Egyptian
Position	Professor
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Phone	-

EDUCATION

Year	Academic Degree	Institution
1999	BsC	Ain Shams University - Faculty of Science
2002	MsC	Ain Shams University - Faculty of Science
2007	PhD	Ain Shams University - Faculty of Science
2012	Associated professor of analytical chemistry	Ain Shams University - Faculty of Science
2017	Professor of Analytical Chemistry	Ain Shams University - Faculty of Science

WORK EXPERIENCE

Period	Position	Address
1999-2002	معيد - قسم الكيمياء	Ain Shams University - Faculty of Science
2003-2007	مدرس مساعد كيمياء	Ain Shams University - Faculty of Science
2007-2012	أستاذ مساعد كيمياء	Ain Shams University - Faculty of Science
2012-2017	أستاذ مشارك كيمياء تحليلية	Ain Shams University - Faculty of Science
2017-حتى الان	أستاذ كيمياء تحليلية	Ain Shams University - Faculty of Science

RESEARCH INTERESTS

Professor Dr. Mohamed Said Attia is a professor of analytical chemistry at the Faculty of Science, Ain Shams University. He is the General Supervisor of Nanotechnology Projects at Ain Shams University. He is also the leader of a research group in early disease diagnosis, especially cancer, using nano optical sensors at the Faculty of Science, Ain Shams University. He is a distinguished academic and researcher renowned for his pioneering work in the development and application of nano-optical sensors for disease diagnosis and environmental monitoring. A prolific author and editor, Attia has made significant contributions to the fields of chemistry, biochemistry, and nanotechnology. His academic journey, marked by a consistent pursuit of knowledge and innovation, has seen him excel as a professor, mentor, and industry collaborator. With a strong foundation in analytical chemistry, Attia's research has expanded to encompass the design and synthesis of novel nano luminescent materials, the development of advanced sensing platforms, and the application of these technologies to address critical healthcare and environmental challenges. His work on nano-optical sensors for the detection of biomarkers, contaminants, and pathogens has garnered international recognition. As an accomplished educator, Attia has supervised numerous Master's (75) and Ph.D (45) students, fostering a new generation of scientists dedicated to research and development. His dedication to knowledge dissemination is evident in his role as editor of several books on topics related to his expertise. Beyond academia, Attia has actively engaged in translating his research into practical applications through patents and collaborations with industry partners. His commitment to excellence, coupled with a passion for scientific discovery, has established him as a leading figure in his field, inspiring researchers and students alike to explore the frontiers of nanotechnology for the betterment of society.

PUBLICATIONS

INTERNATIONAL PUBLICATIONS

- **Development of Tb-Anthracene-9-Carboxaldehyde complex as a novel optical biosensor for rapid mycoplasma detection in serum samples of infected chickens**
Ezzat, A.M., Youssef, A.O., Attia, M.S., Abou-Omar, M.N., Morsy, A.R.I.
Spectrochimica Acta Part A Molecular and Biomolecular Spectroscopy, 2025, 341, 126393
- **Propagation characteristics of nonplanar electron acoustic waves in nonthermal plasma**
Ullah, S., Al-Shomar, S.M., Affan, H., ... Mahmoud, S.A., Attia, M.S.
Communications in Theoretical Physics, 2025, 77(5), 055503
- **High Charge Transfer and Power Density Performance of CNT/PANI@Ag Nanocomposites for Long- Term Flexible Supercapacitor Applications**
Albaqal, F.H., Mubarak, Z.N.A., Almomen, F.A., ... Attia, M.S., Ghobashy, M.M.
Ecs Journal of Solid State Science and Technology, 2025, 14(5), 051004
- **Dual doping with nitrogen and rare earth metals for tailored photoluminescence and antimicrobial properties in hydrothermally synthesized carbon dots**
Said, A.R., Sadeek, S.A., Ghobashy, M.M., ... Orabi, A.H., Attia, M.S.
Surfaces and Interfaces, 2025, 59, 105752
- **A New approach for simultaneous detection and photocatalytic degradation of imidacloprid and dinotefuran in water using terbium-based fluorometry and mixed-phase TiO₂**

- Khattab, M.M., O.Youssef, A., Attia, M.S., ... EL-Kalliny, A.S., Abou-Omar, M.N.**
Spectrochimica Acta Part A Molecular and Biomolecular Spectroscopy, 2025, 326, 125284
- **Effect of irradiation on Co_{0.72}Sr_{0.07}Ni_{0.21}Fe₂O₄ ferrite nanoparticles and their catalytic efficiency in water treatment**
Elbasiony, A.M., Alkhaldi, H., Madani, M., ... Attia, M.S., Sharshir, A.I.
Journal of Thermoplastic Composite Materials, 2024
 - **Tuning energy transfer in Sugammadex-Tb³⁺ complex: Towards highly sensitive chemosensor for Sugammadex in pharmaceutical formulation**
Alharthi, S., Alharthi, S., AlGhamdi, H.A., ... Hassanein, T.F., Attia, M.S.
Journal of Photochemistry and Photobiology A: Chemistry, 2024, 456, 115840
 - **Impact of Mo⁺² addition and thermal annealing on the surface morphology, electrical transport properties and Mott's parameters of WO₃ films for potential photonic devices**
Alshomar, S.M., Attia, M.S., Akl, A.A., ... Amin, L.G., Mahmoud, S.A.
Heliyon, 2024, 10(17), e36783
 - **Fe-Gallic acid metal organic framework-encapsulated cellulose polymer thin film for fluorescent immunoassay of prostate-specific antigen**
Alharthi, S., Abou-Omar, M.N., Amin, L.G., ... Mohamed, E.H., Attia, M.S.
Results in Chemistry, 2024, 10, 101738
 - **Terbium-based photoprobe enables ultrasensitive and selective detection of Tirofiban in pharmaceuticals**
Abo Elhamd, M., Youssef, A.O., Attia, M.S.
Journal of Photochemistry and Photobiology A: Chemistry, 2024, 453, 115682
 - **Polymer-Based Terbium Complex as a Fluorescent Probe for Cancer Antigen 125 Detection: A Promising Tool for Early Diagnosis of Ovarian Cancer**
Mohamed, M.M., Gamal, H., El-Didamony, A., ... Mohamed, E.H., Attia, M.S.
ACS Omega, 2024, 9(23), pp. 24916–24924
 - **Highly effective and reusable Ni–Al oxide/Zn_{0.4}Co_{0.6}Fe₂O₄ superparamagnetic aerogel for oil-water separation**
Shehata, F.A., El-Kalliny, A.S., Abdel-Wahed, M.S., Attia, M.S., Gad-Allah, T.A.
Chemosphere, 2024, 355, 141668
 - **A highly selective optical sensor Eu-BINAM for assessment of high sensitivity cardiac troponin tumor marker in serum of cancer patients**
Ahmed, S.S., Youssef, A.O., Mohamed, E.H., Attia, M.S.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2023, 300, 122887
 - **Preparation and Characterization of Fe-Gallic acid MOF for determination of antiviral Molnupiravir as inhibitor for RNA Corona virus replication**
Younis, H.M., Youssef, A.O., El-Sheikh, S.M., Sheta, S.M., Attia, M.S.
Microchemical Journal, 2023, 194, 109297
 - **Spectrophotometric Method Development and Validation for the Determination of Molnupiravir in Bulk Powder and Pharmaceutical Formulation**
Mahmoud, N.E.-D.M., Youssef, A.O., Attia, M.S.
Egyptian Journal of Chemistry, 2023, 66(10), pp. 423–429
 - **Procalcitonin assessment by using optical sensor terbium hydrochlorothiazide complex for early diagnosis of lung cancer**
Mahmoud, S.A., El-Rayyes, A., Ahmed, S.S., Attia, M.S.
Microchemical Journal, 2023, 193, 109051
 - **SiO₂/Zn_{0.4}Co_{0.6}Fe₂O₄ aerogel: an efficient and reusable superparamagnetic adsorbent for oily**

water remediation**Shehata, F.A., El-Kalliny, A.S., Attia, M.S., Gad-Allah, T.A.***RSC Advances*, 2023, 13(34), pp. 23421–23430

- **Novel sensor for the determination of CA 15-3 in serum of breast cancer patients based on Fe-gallic acid complex doped in modified cellulose polymer thin films**

AlGhamdi, H.A., AlZahrani, Y.M., Alharthi, S., ... Mahmoud, S.A., Attia, M.S.*RSC Advances*, 2023, 13(31), pp. 21769–21780

- **Highly selective optical sensor N/S-doped carbon quantum dots (CQDs) for the assessment of human chorionic gonadotropin β -hCG in the serum of breast and prostate cancer patients**

AlZahrani, Y.M., Alharthi, S., AlGhamdi, H.A., ... Mahmoud, S.A., Attia, M.S.*RSC Advances*, 2023, 13(31), pp. 21318–21326

- **Seven-Arms Starfish “Luidia maculata” Characteristics of Coelomocytes and Promising GSK3- β Protein for Wound Healing: Cellular and Chemical Analyses**

Abdel-Ghaffar, W.H., Attia, M.S., Youssef, F.S.*Egyptian Journal of Aquatic Biology and Fisheries*, 2023, 27(4), pp. 631–651

- **Development and validation of molnupiravir assessment in bulk powder and pharmaceutical formulation by the RP-HPLC-UV method**

Annadi, A.M., El Zahar, N.M., El-Din A. Abdel-Sattar, N., ... Mahmoud, S.A., Attia, M.S.*RSC Advances*, 2022, 12(53), pp. 34512–34519

- **Synthesis and characterization of new 1,3,4-thiadiazole derivatives: study of their antibacterial activity and CT-DNA binding**

Sayiner, H.S., Yilmazer, M.I., Abdelsalam, A.T., ... Kandemirli, F., Amin, M.A.*RSC Advances*, 2022, 12(46), pp. 29627–29639

- **Evaluations of structural, thermal, spectral, and magnetic properties of $\text{Li}_{0.5}\text{Fe}_{2.5}\text{O}_4$ multi magnetic oxide fabricated via sol-gel auto-ignition technique**

Junaid, M., Khan, M.A., Majeed, A., ... Amin, M.A., Asif Iqbal, M.*Ceramics International*, 2022, 48(15), pp. 21651–21656

- **Efficacy and Biochemical Evaluation of Two Nano materials in Control of Cotton Leaf worm, *Spodopetra littoralis***

El-Sayed, A.A.M., Abd El Aziz, M.A., AbdAllah, A.A., Mahmoud, S.A., Attia, M.S.*Egyptian Journal of Chemistry*, 2022, 65(7), pp. 441–445

- **The influence of Zr and Ni co-substitution on structural, dielectric and magnetic traits of lithium spinel ferrites**

Junaid, M., Qazafi, I.A., Khan, M.A., ... Amin, M.A., Noor ul Huda Khan Asghar, H.M.*Ceramics International*, 2022, 48(10), pp. 14307–14314

- **Cathodic Activation of Titania-Fly Ash Cenospheres for Efficient Electrochemical Hydrogen Production: A Proposed Solution to Treat Fly Ash Waste**

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- **Investigation into the structural and magnetic features of nickel doped U-type hexaferrites prepared through sol-gel method**

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- **Erratum: Electrocatalytic hydrogen generation using tripod containing pyrazolylborate-based copper(ii), nickel(ii), and iron(iii) complexes loaded on a glassy carbon electrode (RSC Advances (2022) 12 (8030-8042) DOI: 10.1039/D1RA08530A)**

Ibrahim, M.M., Mersal, G.A.M., Fallatah, A.M., ... Attia, M.S., Amin, M.A.

- RSC Advances*, 2022, 12(19), pp. 11807
- **A new method for early diagnosis of liver cancer using a biosensor embedded in an alginate polymer thin film**
Attia, M.S., Mohamed, A.A., El-Saady, M.M., ... Youssef, A.O., Mohy-Eldin, M.S.
Journal of Materials Chemistry C, 2022, 10(16), pp. 6464–6472
 - **Electrocatalytic hydrogen generation using tripod containing pyrazolylborate-based copper(II), nickel(II), and iron(III) complexes loaded on a glassy carbon electrode**
Ibrahim, M.M., Mersal, G.A.M., Fallatah, A.M., ... Attia, M.S., Amin, M.A.
RSC Advances, 2022, 12(13), pp. 8030–8042
 - **A highly selective and sensitive spectrofluorimetric method for the assessment of 3-nitrotyrosine in serum using (Eu(TTA)₃Phen) photo probe**
Attia, M.S., Youssef, A.O., Abdel-Sattar, N.A., ... Mahmoud, S.A., Abou-Omar, M.N.
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 - **Sea Cucumber “*Holothuria (Thymiosycia) arenicola*” induced-autotomy for sustainable development in Egypt: Histological, Ultrastructure, and Chemical studies.**
Abdel-Ghaffar, W.H., Hellal, A.M., Attia, M.S., Youssef, F.S.
Egyptian Journal of Aquatic Biology and Fisheries, 2022, 26(4), pp. 1459–1491
 - **A novel cyanopyridine derived fluorescent sensor for selective determination of uranyl ions in different water samples**
Salem, A.R., El-Naggar, A.M., Mohamed, E.H., Amin, M.A., Attia, M.S.
Journal of Radioanalytical and Nuclear Chemistry, 2022, 331(1), pp. 187–196
 - **Characterization and Kinetics of Chromium Carbide Coatings on AISI O2 Tool Steel Performed by Pack Cementation**
Elhelaly, M.A., El-Zomor, M.A., Attia, M.S., Youssef, A.O.
Journal of Materials Engineering and Performance, 2022, 31(1), pp. 365–375
 - **Tb³⁺-atorvastatin doped in poly(ethylene glycol) optical biosensor for selective determination of progesterone and testosterone in serum samples**
Attia, M.S., Mahmoud, S.A., Ahmed, A.M., ... Abou-Omar, M.N., Mohamed, E.H.
RSC Advances, 2021, 11(53), pp. 33326–33333
 - **New Tb³⁺-simvastatin optical biosensor for sensitive determination of folic acid, progesterone, testosterone and vitamin D₃ in biological fluids**
Attia, M.S., Ahmed, A.M., Amin, T.A., ... Mahmoud, S.A., Abou-Omar, M.N.
RSC Advances, 2021, 11(52), pp. 32861–32872
 - **Simultaneous determination of Avanafil and Dapoxetine in human plasma using liquid chromatography/tandem mass spectrometry (LC-MS/MS) based on a protein precipitation technique**
Abou-Omar, M.N., Annadi, A.M., El Zahar, N.M., ... Attia, M.S., Mohamed, E.H.
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 - **Novel Optical Biosensor Based on a Nano-Gold Coated by Schiff Base Doped in Sol/Gel Matrix for Sensitive Screening of Oncomarker CA-125**
Abou-Omar, M.N., Attia, M.S., Afify, H.G., ... Boukherroub, R., Mohamed, E.H.
ACS Omega, 2021, 6(32), pp. 20812–20821
 - **Kinetics and isotherms of lead ions removal from wastewater using modified corncob nanocomposite**
Kamal, K.H., Attia, M.S., Ammar, N.S., Abou-Taleb, E.M.
Inorganic Chemistry Communications, 2021, 130, 108742
 - **Terbium bipyridyl complex as a photo probe for the determination of carbohydrate antigen**

CA15.3 in different breast cancer patient samples

Attia, M.S., Youssef, A.O., Goma, M., Ibrahim, T.

Egyptian Journal of Chemistry, 2021, 64(7), pp. 3541–3546

- **Validation of a novel UPLC-MS/MS method for estimation of metformin and empagliflozin simultaneously in human plasma using freezing lipid precipitation approach and its application to pharmacokinetic study**

Abou-Omar, M.N., Kenawy, M., Youssef, A.O., ... Attia, M.S., Mohamed, E.H.

Journal of Pharmaceutical and Biomedical Analysis, 2021, 200, 114078

- **pH assists simultaneous determination of folic acid and vitamin D₃ in biological fluids using a novel Tb³⁺-acyclovir optical biosensor**

Alharthi, S., Attia, M.S., Abou-Omar, M.N.

RSC Advances, 2021, 11(34), pp. 20865–20873

- **A stable and sensitive luminescent photoprobe based on tris(3-acetylindole) terbium(III) complex: Molecular modeling, luminescence quenching, and Ab initio molecular dynamics**

Elsaady, M.M., Youssef, A.O., Attia, M.S., Abdel-Mottaleb, M.S.A.

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- **Characterization of VC Coatings on Cold Work Tool Steel Produced by TRD**

Elhelaly, M.A., El-Zomor, M.A., Youssef, A.O., Attia, M.S.

Manufacturing Technology, 2021, 21(5), pp. 600–605

- **pH assists for selective determination of acyclovir by the emission enhancement of Tb³⁺-chemosensor in tablet and serum samples**

Amin, T.A., Azab, M.E., Abdel-Mottaleb, M.S.A., Attia, M.S.

Egyptian Journal of Chemistry, 2021, 64(2), pp. 713–720

- **A novel photoprobe based on nano tris (3-acetylindole)-terbium(III) complex for the quantitative determination of epinephrine in blood samples**

Elsaady, M.M., Youssef, A.O., Attia, M.S., Abdel-Mottaleb, M.S.A.

Egyptian Journal of Chemistry, 2021, 64(1), pp. 157–164

- **Highly Selective Optical Sensor Eu (TTA)₃ Phen Embedded in Poly Methylmethacrylate for Assessment of Total Prostate Specific Antigen Tumor Marker in Male Serum Suffering Prostate Diseases**

Garoub, M., Hefny, A.H., Omer, W.E., ... El-Kemary, M.A., Attia, M.S.

Frontiers in Chemistry, 2020, 8, 561052

- **Highly Efficient Gold Nano-Flower Optical Biosensor Doped in a Sol-Gel/PEG Matrix for the Determination of a Calcitonin Biomarker in Different Serum Samples**

Omer, W.E., El-Kemary, M.A., Elsaady, M.M., ... Gouda, A.A., Attia, M.S.

ACS Omega, 2020, 5(11), pp. 5629–5637

- **Terbium Crown-Ether Complex as a Stable Photoprobe**

Abdel-Mottaleb, M.S.A., Abdullah, L.M., Attia, M.S.

Applied Organometallic Chemistry, 2020, 34(3), e5420

- **Core double-shell MnFe₂O₄@rGO@TiO₂ superparamagnetic photocatalyst for wastewater treatment under solar light**

Abdel-Wahed, M.S., El-Kalliny, A.S., Badawy, M.I., Attia, M.S., Gad-Allah, T.A.

Chemical Engineering Journal, 2020, 382, 122936

- **Pollution indices and distribution pattern of heavy metals in garun lake water, egypt**

Abd El-Aal, R.F., El Sayed, S.M., Attia, M.S., Donia, N.S., Goher, M.E.

Egyptian Journal of Aquatic Biology and Fisheries, 2020, 24(1), pp. 593–607

- **Phthalocyanine-doped polystyrene fluorescent nanocomposite as a highly selective**

biosensor for quantitative determination of cancer antigen 125

Attia, M.S., Ali, K., El-Kemary, M., Darwish, W.M.

Talanta, 2019, 201, pp. 185–193

- **Determination of uric acid in serum using an optical sensor based on binuclear Pd(II) 2-pyrazinecarboxamide-bipyridine doped in a sol gel matrix**

Hashem, S.G., Elsaady, M.M., Afify, H.G., ... El-Kemary, M., Attia, M.S.

Talanta, 2019, 199, pp. 89–96

- **Spectrofluorometric determination of alpha fetoprotein in different serum samples of liver cancer by Tb-acetyl acetone complex embedded in polymethylmethacrylate optical sensor**

Mahmoud, S.A., El-Aasser, M.A., Attia, M.S.

Egyptian Journal of Chemistry, 2019, 62(7), pp. 1717–1725

- **Nalbuphine HCl Assessment by the Quenching of the Emission of Tb -4'Carboxybenzo-18crown-6-Ether Optical Sensor**

Abdullah, L.M., Attia, M.S., Abdel-Mottaleb, M.S.A.

Egyptian Journal of Chemistry, 2019, 62(2), pp. 247–255

- **Alpha fetoprotein assessment by using a nano optical sensor thin film binuclear Pt-2-aminobenzimidazole-Bipyridine for early diagnosis of liver cancer**

Attia, M.S., Youssef, A.O., Khan, Z.A., Abou-Omar, M.N.

Talanta, 2018, 186, pp. 36–43

- **Highly sensitive Eu³⁺ doped in sol-gel matrix optical sensor for the assessment of ciprofloxacin in different real samples**

Attia, M.S., Youssef, A.O., Ismael, A.M., ... Afify, H.G., Sayed, A.

Egyptian Journal of Chemistry, 2018, 61(1), pp. 121–129

- **Lanthanide complexes of spiropyran photoswitch and sensor: Spectroscopic investigations and computational modelling**

Abdel-Mottaleb, M.S.A., Saif, M., Attia, M.S., Abo-Aly, M.M., Mobarez, S.N.

Photochemical and Photobiological Sciences, 2018, 17(2), pp. 221–230

- **A new nano optical sensor binuclear Pd(II) complex in and its application in different liver diseases**

Al-Radadi, N.S., Attia, M.S.

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- **Ultra-Sensitive Nano Optical Sensor Samarium-Doxycycline Doped in Sol Gel Matrix for Assessment of Glucose Oxidase Activity in Diabetics Disease**

Tharwat, M.M., Attia, M.S., Alghamdi, M.S., Mahros, A.M.

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- **Nano optical probe samarium tetracycline complex for early diagnosis of histidinemia in new born children**

Attia, M.S.

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- **Preparation of new nano optical sensor thin film for early diagnosis of some liver diseases**

Al-Radadi, N.S., Attia, M.S.

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- **Gatifloxacin assessment by the enhancement of the green emission of optical sensor Tb³⁺ doped in sol-gel matrix**

Attia, M.S., Youssef, A.O., El Sheikh, R., ... Ismael, A.M., Eissa, M.

Egyptian Journal of Chemistry, 2017, 60(5), pp. 929–935

- **A fast and simple method for determination of testosterone hormone in biological fluids**

based on a New Eu(III) complex optical sensor

Abd-Elzaher, M.M., Ahmed, M.A., Farag, A.B., ... Youssef, A.O., Sheta, S.M.

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- **New optical sensor for determination of hydrochlorothiazide in pharmaceutical preparation and biological fluids**

Abd-Elzaher, M.M., Ahmed, M.A., Farag, A.B., ... Youssef, A.O., Sheta, S.M.

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- **Progress of pancreatitis disease biomarker alpha amylase enzyme by new nano optical sensor**

Attia, M.S., Al-Radadi, N.S.

Biosensors and Bioelectronics, 2016, 86, pp. 413–419

- **Nano optical sensor binuclear Pt-2-pyrazinecarboxylic acid –bipyridine for enhancement of the efficiency of 3-nitrotyrosine biomarker for early diagnosis of liver cirrhosis with minimal hepatic encephalopathy**

Attia, M.S., Al-Radadi, N.S.

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- **Highly sensitive spectrofluorimetric analysis and Molecular Docking using benzocoumarin hydrazide derivative doped in sol-gel matrix as optical sensor**

Elsayed, B.A., Ibrahim, I.A., Attia, M.S., Shaaban, S.M., Elsenety, M.M.

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- **Characterization of Eu(III) complex for determination of bumetanide in pharmaceutical preparations and in biological fluids**

Abd-Elzaher, M.M., Ahmed, M.A., Farag, A.B., ... Youssef, A.O., Sheta, Sh.M.

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- **Enhancement of the efficiency of a salivary alpha amylase biomarker for the sympathetic nervous system by a nano-optical sensor Tb-acetyl acetone complex**

Attia, M.S., Youssef, A.O.

New Journal of Chemistry, 2016, 40(9), pp. 7529–7535

- **Novel method for tyrosine assessment in vitro using luminescence quenching of the nano optical sensor Eu-ciprofloxacin doped in a sol-gel matrix**

Attia, M.S., Yakout, A.A.

RSC Advances, 2016, 6(25), pp. 20467–20473

- **Spectrofluorimetric assessment of UO_2^{2+} by the quenching of the fluorescence intensity of Clopidogrel embedded in PMMA matrix**

Elabd, A.A., Attia, M.S.

Journal of Luminescence, 2016, 169, pp. 313–318

- **Synthesis, spectroscopic characterization of palladium(II)-orthohydroxyacetophenone azine nano-optical sensor doped in sol-gel matrix and its use as probe for assessment of α -amylase activity in human saliva**

El-Sayed, B.A., Abo-Aly, M.M., Attia, M.S., Gamal, S.

Journal of Luminescence, 2016, 169, pp. 99–105

- **A new thin film optical sensor for assessment of UO_2^{2+} based on the fluorescence quenching of Trimetazidine doped in sol gel matrix**

Elabd, A.A., Attia, M.S.

Journal of Luminescence, 2015, 165, pp. 179–184, 13306

- **Diagnosis of some diseases related to the histidine level in human serum by using the nano optical sensor Eu-Norfloxacin complex**

- Attia, M.S., Diab, M., El-Shahat, M.F.**
Sensors and Actuators, B: Chemical, 2015, (PartA), pp. 756–763
- **Chemical and electrochemical studies of para-Hydroazo-pyrazolone derivatives as corrosion inhibitors for mild steel in hydrochloric acid solutions**
Fouda, A.S., Abd El-Wahab, S.M., Attia, M.S., Youssef, A.O., Elmoher, H.O.
International Journal of Electrochemical Science, 2015, 10(9), pp. 7866–7892
 - **Rare earth metals asecofriendly corrosion inhibitors for mild steel in produced water**
Fouda, A.S., Abd El-Wahab, S.M., Attia, M.S., Youssef, A.O., Elmoher, H.O.
Der Pharma Chemica, 2015, 7(8), pp. 74–87
 - **Inkjet printable luminescent Eu^{3+} - TiO_2 doped in sol gel matrix for paper tagging**
Attia, M.S., Elsaadany, S.A., Ahmed, K.A., El-Molla, M.M., Abdel-Mottaleb, M.S.A.
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Attia, M.S., Youssef, A.O., El-Sherif, R.H.
Analytica Chimica Acta, 2014, 835, pp. 56–64
 - **A novel method for the assessment of cortisol hormone in different body fluids using a new photo probe thiazole derivative**
Attia, M.S., El-Swafy, E., Youssef, A.O., Hefny, H.A., Khalil, M.H.
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Attia, M.S., Zoulghena, H., Abdel-Mottaleb, M.S.A.
Analyst, 2014, 139(4), pp. 793–800
 - **Enrofloxacin Assessment by the Enhancement of the Red Emission of Eu^{3+} Optical Sensor**
Attia, M.S., Sabry, D., Youssef, A.O.
Analytical Chemistry Letters, 2014, 4(1), pp. 65–72
 - **Synthesis and characterization of new light emitter symmetrical phenoxazinium salt and its potential application as sensor for assessment of Hg^{2+}**
Attia, M.S., Youssef, A.O., Elgazwy, A.-S.S.H., ... Agami, S.M., Elewa, S.I.
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