Mohamed Said Attia Gaber

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h-index: 17 (Scopus)
R. Gate Score: 34.21
Google Scholar Citations/ H. index: 729/18

Academic Details

Faculty of Science, Ain Shams University
Professor of Analytical Chemistry, 2017
Faculty of Science, Ain Shams University
Associate Professor, analytical photochemistry, 2012
Faculty of Science, Ain Shams University
Ph. D., in Inorganic Photo Chemistry, 2006
Faculty of Science, Ain Shams University
M. Sc., in Inorganic PhotoChemistry, 2002
Faculty of Science, Ain Shams University
B. Sc., in Chemistry, V. good with honor degree, 1999

Work Experience

Faculty of Science, Ain Shams University
Professor of Analytical Chemistry, Jan 2017 - till date
Faculty of Science, Ain Shams University
Associate Professor of analytical photochemistry, Jan 2012 - Dec 2016
Faculty of Science, in Shams University
Assist professor of analytical and inorganic photochemistry, Jan 2007 - Jan 2012
Faculty of Science, Ain Shams University
Assist. Lecturer in Chemistry Department, Jan 2003 - Dec 2006
Faculty of Science, Ain Shams University
Demonstrator in Chemistry Department, Sep 1999 - Dec 2002

Project Details

PhD. Object
Energy Transfer-Induced Luminescence of Some lanthanide Probes: Efficiences of Excited States Interactions in Different Media (photoenergy center, Faculty of science, Ain Shams University)
M. Science Object
Light Absorption and Emission Charactersitics of Some Transition Metals (Lanthanide) Complexes (photoenergy center, Faculty of science, Ain Shams University)

Member of the research team of the following projects:

1- AQUACAT Project: photo disinfection of water-in collaboration with international European [france, swiss, spain, UK and Portugal] and north African Laboratories, 2003-2005.ICA3-CT-2002-10016. [Member]

2- Photovoltaics from Polymer/Quantum Dot Composites, (US- Egypt) joint research project, 2006 -2008. [Member]

3- POWESOL Project: Mechanical Power Generation Based on Solar Thermodynamic Engines. 2007-2009 Contract No. 032344 (INCO) Source of fund: FP6 [Egypt, Tunis, Algeria,

Spain,Portugal and Swiss], (2007 –2009) [Member]

4- Early Diagnosis of Ovarian cancer by nano optical sensor, project number (568-965-2015G),KAU, 2015, Saudi Arabia. [fund = 40,000 SR] [PI]

5- Investigating the characteristics of ultra-sensitive Nano optical sensors lanthanide-doped in solgel matrix for some industrial applications. “Under grant no. (180-135-D1435), King Abdul-Aziz University, 2015, Jeddah. [Fund = 40,000 SR] [PI]

6- Early Diagnosis of liver cancer by nano optical sensor, project number (SCI-2017-1-8-F7-7340), Northern Border University, 2017, Saudi Arabia. [Fund = 40,000 SR] [PI]

7-Phytomediated Green Synthesis of Magnetic Iron Oxide Nanoparticles for Biomedical Applications, PhosAgro/UNESCO/IUPAC grant in green chemistry, 2019. The project was awarded "2019 Green Chemistry for Life Science" award after being selected among top 5% applicants in the worldwide competition evaluated by UNESCO/ IUPAC/ PhosAgro, FRANCE. [Fund = 30,000 $][Co-PI]

8- New Prototype Containing Nano Optical Sensor for Follow up the Liver Cancer Disease During and After Treatment of Patient, under grant no :2019-5200, ASRT. [Fund = 1,821,000 LE] [PI]

Achievements

Honors:

Publications Awards Winners in the Field of Life Sciences, Misr El- Kheir (MEK) Foundation (2010)

Vinus Kamel Award for material science, Innovation and technology, (2011)

State encouragement prize in chemistry, 2012.

Theses Supervision:

Supervising and co-supervising of 38 M. Sc. and 23 Ph. D. students.

Ph.D Theses		
1	Soad ali abdel-kader ali el-sadney	Preparation of some fluorescent materials as potential application in ink jet printer**, 2008, Ain Shams Uni.**
2	Amira abdel fatah Mohamed el-abd	Ionic substitution for separation of uranyl ion by modification resin by nano materials**, 2011, Ain Shams Uni.**
3	Marwa samier mostafa	Modern physicochemical techniques for determination of some pharmaceutical and environmental pollutants**, 2009, Ain Shams Uni.**
4	Amal ahmed Mohamed abdel-baky	Modern analytical techniques for early diagnosis of some chronic diseases**, 2015, Ain Shams Uni.**
5	Hisham gamal el-din afify	Modern analytical methods for increasing of the efficiency of some biomarkers in human body for early diagnosis of some diseases**, 2015, Ain Shams Uni.**
6	Kholod Hamdy Kamal Kamel	Preparation and Characterization of Magnetic Nanocomposite from Agricultural Waste for Industrial

		Wastewater Treatment**, 2016, Ain Shams Uni.**
7	Shaimaa Gamal Hashem Said	Preparation and characterization of some highly luminescent materials and their potential application in industry, **2014, Ain Shams Uni.**
8	Sheta Mohamed sheta	Preparation and characterization of some lanthanide complexes and their applications for assessment of some diuretics **, 2012, Ain Shams Uni.**
9	Mona nassr Mohamed abou-omer	New photo analytical methods and techniques for determination of some potential industrial products **, 2011, Ain Shams Uni.**
10	Mona Soliman Sayed Soliman	Treatment of Industrial Wastewater from Some Industries Discharging in Ismailia Canal in Qalubia Governorate**, 2013, Ain Shams Uni.**
11	Hany Osman Abdel fattah Zaky	Effect of Inorganic and Organic Constituents Ligands on Corrosion Inhibition of Mild Steel in Aqueous**, 2013, Ain Shams Uni.**
12	Rehab Fathy Abd El-Aal Abd El-Rahman	Different Analytical Techniques for Water Quality Management of Qarun Lake**, 2017, Ain Shams Uni.**
13	Mahmoud saad abdel-wahed mohamed	Treatment of liquid waste and energy generation by photo catalytic technique pushing by the solar energy**, 2017, Ain Shams Uni.**
14	Tarek ahmed amin Mohamed eid	lanthanide complexes as optical sensors for the assessment of some drugs in different body fluids**, 2017, Ain Shams Uni.**
15	Albert Kamal Girgis	Preparation, Characterization and Simulation of Graphene for Nanotechnology Applications**, 2018, Ain Shams Uni.**
16	Ahmed Hossuany Hefny Mohammed	New Nano optical sensors for the assessment of some biomarkers of cancer diseases in human body**, 2018, Ain Shams Uni.**
17	Hala Abuelhamd Hassan	Modeling and evaluation of landfills characterization using integrated remote sensing and geographic information system**, 2020, Ain Shams Uni.**
18	Hany Fathy Ahmed	New optical sensors for assessment of some poisoning materials in industrial products**, 2017, Ain Shams Uni.**
19	Mohamed Ali Mahmoud	Preparation and Characterization of Some Transition Metal Complexes for Analytical and Industrial Applications**, 2008, Ain Shams Uni.**
20	Mahmoud Saad Abdel-Wahed Mohamed	Core Double-Shell Superparamagnetic reusable Photo catalyst for Water Treatment by Solar light**, 2017, Ain Shams Uni.**
21	Mohamed Eissa Mohamed Mohamed Negm	New Analytical Techniques based on Metal–organic frameworks for the determination of Some important materials in different Body Fluids**, 2019, Ain Shams Uni.**
22	Ramy Gafer Abd Elwahap Mohamed	New Analytical Method Based on Luminescence of some Transition Metal Complexes for Early Diagnosis

		of Some Cancer Diseases in Human Body**, 2019, Ain Shams Uni.**
23	Walaa Abdelhameed Mahsoub Ahmed	Nano optical sensors for early diagnosed of breast cancer in human body**, 2019, Ain Shams Uni.**
Master theses		
24	Abdelrahman Mohamed Hasan	A novel photo analytical method for qualitative and quantitative determination of chiral materials of industrial potential based on the fluorescence properties of nanoparticles**, 2019, Ain Shams Uni.**
25	Abdullah Saber El-sayed Ibrahim	Novel Spectrofluorimetric methods for the assessment of some materials of industrial potential **, 2016, Ain Shams Uni.**
26	Ahmed Sayed Abd El-Motaleb Abozaid	New nano probes for the assessment of some diuretics in different body fluids**, 2016, Ain Shams Uni.**
27	Ahmed Houssany Hefny Mohammed	The assessment of some enzymes in human body by new optical sensors**, 2014, El-Zagazig Uni.**
28	Ahmed Wafaey Mostafa Taha	Modern Photo-analytical Techniques for the assessment of some chemically important materials in industry**, 2016, Ain Shams Uni.**
29	Ali Hussein Ali Mohamed	Photo analytical methods for the determination of some industrial potentials materials**, 2013, Ain Shams Uni.**
30	Amal Ahmed Mohamed	Novel Spectrofluorimetric Methods for the Assessment of Some Important Industrial Products**, 2013, Ain Shams Uni.**
31	Amany Abd Elkhalek Mohamed El Sayed	Efficacy of direct use of some nanomaterials in control cotton leaf worm (*Spodopetra Littoralis):* Determination of the activity of some enzymes by Optical Sensors**, 2019, Ain Shams Uni.**
32	Asmaa Adel Eissa Hussein	The preparation of new nano optical sensors for assessment of some materials of biological importance**, 2013, Ain Shams Uni.**
33	Islam Mohamed El Said Mohamed	Modern Physicochemical Methods And Their Applications In Chemical Analysis For Determination of Some Important Industrial Material**, 2013, Ain Shams Uni.**
34	Farid Ibrahim Abd-Elrehim Ahmed Nassar	Novel nano optical sensors for the assessment of some materials of biological importance in pharmaceutical & serum samples**, 2015, Ain Shams Uni.**
35	Lobna Mohammed Abdullah	Photophysical studies and photoanalytical techniques for assessment of some important compound**, 2013, Ain Shams Uni.**
36	Maha Gomea mohamed	Modern Analytical Techniques for Early Diagnosis of Some Cancer Diseases in Human Body**, 2018, Aswan Uni.**
37	Merhan Abdullah Mostafa	Novel nano optical sensors for diagnosis of some liver diseases **, 2013, Ain Shams Uni.**

38	Mohamed Eissa Mohamed Mohamed Negm	Preparation and characterization of some nanomaterials and its application as optical sensor for some materials of Industrial potential**, 2013, Ain Shams Uni.**
39	Mohamed Essam Abd-Elrafea Abd-Elmoniem	The assessment of some materials of industrial potential in body fluids and pharmaceutical preparations**, 2013, Ain Shams Uni.**
40	Mostafa Mohamed Mohamed Ahmed Elsaady	New Analytical Method Based on Lanthanide Luminescence for Assessment of Activity of Some Glands in Human Body**, 2019, Ain Shams Uni.**
41	Mostafa Mousa Khattab	Employing of new optical sensors for the assessment of photocatalytic treatment of pharmaceutical wastewater **, 2020, Ain Shams Uni.**
42	Ramy gaafer Abdel whab Mohamed .	The preparation and characterization of new optical sensors for assessment of some material of biological importance**, 2014, Ain Shams Uni.**
43	Walla el-zahy omer yousef	Fabrication and Characterization of New Nano Optical Sensors for Early Diagnosis of Some Cancer Diseases**, 2018, kafer El-shiekh Uni.**
44	Ahmed Tawfik Ahmed Sayed Ahmed Selim	New Photo Analytical Methods for the assessment of some materials of industrial potential**, 2014, Ain Shams Uni.**
45	Ahmed Mohamed Mohamed Ismael	Photo analytical methods for the determination of some materials of industrial potential**, 2012, Ain Shams Uni.**
46	Hesham Gamal El-Din Afify Ibrahem	The assessment of some enzymes in human body by new optical sensors**, 2014, Ain Shams Uni.**
47	Ibrahim Rabea Abd El-aziz Elsebae	Toxicological effects of nanoparticle.s on the common house mosquito *Culex pipiens* L**, 2010, Ain Shams Uni.**
48	Mohamed ahmed kenawy	A new chromatographic methods for the assessment of some antidiabetic drugs and applications to pharmacokinetic studies**, 2019, Ain Shams Uni.**
49	Mostafa hussien el-noss	Preparation of some photo active nanomaterials of thermal conductance and their applications in photo catalysis and solar collectors **, 2009, Ain Shams Uni.**
50	Soad abdull salam ali	Studies of color change by light and chemical photo catalysis for some hydrazones and their metal complexes**, 2008, Ain Shams Uni.**
51	Heba ahmed talat el saban	Photo chemical and solar treatment for some industrial waste by active nano catalysts **, 2009, Ain Shams Uni.**
52	Ragda abdul sattar shebel	Improving the biological compatibility of some voltage sensors with the use of biological polymers**, 2008, Ain Shams Uni.**
53	Shimaa gamal hashim	Use of some photo chemical methods for the determination of some industrial materials**, 2009, Ain Shams Uni.**
54	Ibrahim mostafa Ibrahim atef	New nano optical sensors for assessment of some

		biological active materials in human body**, 2014, Ain Shams Uni.**
55	Heba Mohamed Khair	Fabrication and Characterization of Some Nano-Materials and Its Application in Environmental and Analytical Chemistry **, 2010, Ain Shams Uni.**
56	Sarah Nagy Mobarez	Medium induced Color switching of a Spiropyran Photochromic Dye**, 2012, Ain Shams Uni.**
57	Mohamed Mahmoud taha el-senety	Structure studies on the fluorescent chemical sensors of some synthesized coumarin derivatives and their complexes with some metal ions**, 2013, Al-Azhar Uni.**
58	Mahmoud abdel latif Mahmoud shahun	Modern analytical methods for the assessment of some neurotransmitters in human body by using nanooptical sensors**, 2018, Ain Shams Uni.**
59	Sally gamal mohamed	Preparation and characterization of the fluorescent optical sensors of some synthesized Azine derivatives and their complexes with some metal ions**, 2013, Ain Shams Uni.**
60	Shimaa ahmed mostafa	Photo chemical and kinetic studies for treatment of some industrial waste by nano catalysts**, 2013, Ain Shams Uni.**
61	Mohamed saber Fouda	Photo degradation and kinetic studies for some organic dyes**, 2009, Ain Shams Uni.**

Member of Editorial Boards of the following international journals:

Analytical Chemistry Letters, Francis and Taylor.
International Journal of nano material, nanotechnology and nano medicine.
International Journal of Analytical Techniques from 2010 up till now
International Journal of Bioorganic chemistry and Molecular Biology
International Journal of Applied Chemical Science Research
Research Open Journal of Sensor Technology
International Journal of Chemical Engineering Science
Current Advances in Analytical Chemistry
Development in Analytical Chemistry (DAC)

Societies member of:

American Chemical Society from 2010 up till now
Asian Council of Science Editors
Sensor Community
American Nano Society from 2010 up till now
Egyptian Analytical Chemistry Society from 2010 up till now

Participation in international conferences from 1999-to now:

Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy (PITTCON), Florida, 28 Feb-5 March 2010, USA. (Special invitation from American Chemical Society to attend this conference)

(Member of Organizing Committee)

International conference on going nanogreen in a big way in cairo: “Nano/Molecular Photochemistry and Nanomaterials for Green Energy Devolopment” 14-17- Feb, Cairo, 2010

International Conference on Molecular/Nano Photochemistry and Applied PhotoCatalysis and

Solar Energy, 24-28-Feb, Cairo, 2008

International Conference on Solar Energy and Applied Photochemistry and Applied Nano-Technology, 23-26-Jan, Cairo, 2006

International Conference on Solar Energy and Applied Photochemistry – and the first Conference on The Science of Nanotechnology and Its Application, 20-25-Feb, Luxor, 2005

International Conference on Solar Energy and Applied Photochemistry, 23-28-Feb, Cairo-2003,

Member of organizing Committee and Lecturer of the following workshops:
Oral presentation about:

New Analytical Methods for Early Diagnosis of Cancer Diseases, 5 Dec, 2019, Faculty of Science, Ain Shams University.

Introduction to Nanotechnology and Its Application in Insecticides (2012, Faculty of Agriculture, Al-Azhar University)

Application of Nanotechnology and Its Application in Insecticides (2012, National Research Center, NRC)

Greenest Energy Supply – Manufacturing of Chemical Solar Cells: Nano Chemistry Approach, 12-13-may 2010, photoenergy center, Faculty of science, ASU.

Nano Chemistry and clean water workshop, 2-3-Decb, 2009, Nano photochemistry and solar chemistry labs, Department of chemistry, Faculty of science, ASU.

Requirements of nanotechnology labs, environmental detection, solar and photoenergy devices workshop, 29-30-april, 2009, photoenergy center, Faculty of science, ASU.

Photoenergy and Development, 16-17-Jan -2007, photoenergy center, Faculty of science, ASU.

Applications of photoenergy technology in Environment, 14-16-Oct, 2003, photoenergy center, Faculty of science, ASU.

Applications of photoenergy technology, 13-18, Oct., 2001, photoenergy center, Faculty of science, ASU.

Application of electronic fluorescence and reflection spectra in science, pharmaceutical and dentil, 29 Feb-2 Mar., 2000, photoenergy center, Faculty of science, ASU.

Field of Interest

Diagnosis of Cancer Diseases,
Analytical photochemistry,
Nano Optical and Chemosensor,
Solar chemistry,

	Applied photochemistry, Preparation of nano photo catalyst
Reviewer for Scientific Journals	
	-Chemical Science, RSC, IF= 11 -Biosensor and bioelectronics, IF=9.97 -RSC Advances, IF=3.2 -Analytical Methods, IF=2.8 -Sensors and Actuators B, IF=6.97 -Talanta, IF=5.1 -Journal of photochemistry photobiology chemistry A, IF=3.11 -Journal of pharmaceutical and biomedical analysis, IF=3.9 -Journal of Spectrochimica Acta A, IF=3.1 -International Journal of Photoenergy, IF=2.11 -Journal of Hazardous Materials, IF=5.97 -International journal of Nanomedicine, IF=4.97 -American Journal of analytical chemistry -analytical chemistry letters

I)- Papers Published in International Journals	
2020	pH assists for selective determination of Acyclovir by the Emission Enhancement of Tb^{3+}Chemosensor in tablet and serum samples, M. S. Attia, M. S. A. Abdel-mottaleb, EJC, 2020
	A novel photoprobe based on nano tris(3-acetylindole)-terbium(III) complex for the quantitative determination of epinephrine in blood samples, M. S. Attia, M. S. A. Abdel-mottaleb, A.O.Youssef, M. El-Saady, EJC, 2020
	Highly selective optical sensor Eu $(TTA)_3$ phen embedded in poly methylmethacrylate for assessment of total prostate specific antigen tumor marker in males serum suffering prostate diseases, Mohamed Said, walaa zahy, mostafa elsaady, mohamed abo-aly, Ali sayqal, Ahmed M Hameed, Hussain Alessa, Ahmed Alharbi, maged elkemary, Frontiers in Chemistry, 2020
	Terbium Crown-Ether Complex as a Stable Photoprobe, M. S A Abdel-Mottaleb, L. M. Abd Allah, M. S Attia, Applied Organometallic Chemistry, 2020.
	Highly efficient gold nano-flowered optical biosensor doped in sol-gel/PEG matrix for the determination of calcitonin biomarker in different serum samples, W.E. Omer, Maged El-Kemary, Attia, M.S., ACS Omega, (2020) 5 (11), 5629-5637
	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
2019	Tb -4'carboxybenzo-18crown-6-ether Photo Probe or the Assessment of Nalbuphin HCl in Serum and Pharmaceutical Formulations, M. S A Abdel-Mottaleb, L. M. Abd Allah, M. S Attia, Egyptian Journal of Chemistry, 2019.
	Phthalocyanine-doped polystyrene fluorescent nanocomposite as a highly selective biosensor for quantitative determination of cancer antigen 125, M. S. Attia, K. Ali, Maged El-Kemary, W. M. Darwish, Talanta, 201(2019)185-193.
	Spectrofluorometric Determination of Alpha Fetoprotein in different serum samples of Liver Cancer by Tb-acetyl acetone complex embedded in Polymethylmethacrylate optical sensor, SA Mahmoud, MA El-Aasser, MS Attia, 2019 Egy. J. Chem.
	Determination of uric acid in serum using an optical sensor based on binuclear Pd(II) 2-pyrazinecarboxamide-bipyridine doped in a sol gel matrix, S.G. Hashem, M.M. Elsaady, H.G. Afify, W.E. Omer, A.O. Youssef, Maged El-Kemary, M.S. Attia, Talanta 199 (2019) 89–96.
2018	Alpha fetoprotein assessment by using a nano optical sensor thin film binuclear Pt-2-aminobenzimidazole-Bipyridine for early diagnosis of liver cancer, M.S. Attia, A.O. Youssef, Ziya A. Khan, M.N. Abou-Omar, TALANTA, 2018.
	Highly sensitive Eu^{3+} doped in sol-gel matrix optical sensor for the assessment of Ciprofloxacin in different real samples, MS Attia, AO Youssef, A Mohamed Ismael, R Gaafar, A Adel, A Twfik, Egyptian Journal of Chemistry ,(2018) 60-70
	Lanthanide complexes of spiropyran photoswitch and sensor: spectroscopic investigations and computational modelling, MSA Abdel-Mottaleb, M Saif, MS Attia, MM Abo-Aly, SN Mobarez, Photochemical & Photobiological Sciences, 2018, 17, 221-230
2017	A Fast and Simple Method for Determination of Testosterone Hormone in Biological Fluids Based on a New Eu (III) Complex Optical Sensor, MM Abd-

	Elzaher, MA Ahmed, AB Farag, MS Attia, AO Youssef, SM Sheta, Sensor Letters 15 (2017) 977-981
	Preparation of New Nano Optical Sensor Thin Film for Early Diagnosis of Some Liver Diseases, NS Al-Radadi, MS Attia, Journal of Computational and Theoretical Nanoscience, 14 (4), (2017)1886-1897.
	Ultra-Sensitive Nano Optical Sensor Samarium-Doxycycline Doped in Sol Gel Matrix for Assessment of Glucose Oxidase Activity in Diabetics Disease, MM Tharwat, MS Attia, MS Alghamdi, AM Mahros, Journal of Fluorescence, 1-11, 2017
	A New Nano Optical Sensor Binuclear Pd (II) Complex and Its Application in Different Liver Diseases, NS Al-Radadi, MS Attia, Journal of Computational and Theoretical Nanoscience 14 (9), (2017)4361-4369.
	Nano Optical Probe Samarium Tetracycline Complex for Early Diagnosis of Histidinemia in New Born Children, M. S. Attia, Biosensors and Bioelectronics, 2017
2016	Progress of pancreatitis disease biomarker alpha amylase enzyme by new nano optical sensor, M. S Attia, N. S AlRadadi, Biosensors and Bioelectronics 86, 413-419,2016
	Nano optical sensor binuclear Pt2pyrazinecarboxylic acid– bipyridine for enhancement of the efficiency of 3nitrotyrosine biomarker for early diagnosis of liver cirrhosis with minimal hepatic encephalopathy, M. S Attia, N S AlRadadi, Biosensors and Bioelectronics 86, 406-412, 2016
	Highly sensitive spectrofluorimetric analysis and Molecular Docking using benzocoumarin hydrazide derivative doped in sol gel matrix as optical sensor, BA Elsayed, IA Ibrahem, M. S Attia, SM Shaaban, MM ElsenetySensors and Actuators B: Chemical 232, 642-652, 2016 (I. F= 4.78)
	Enhancement of the efficiency of a salivary alpha amylase biomarker for the sympathetic nervous system by a nanooptical sensor Tb–acetylacetone complex, M S Attia, A O Youssef, New Journal of Chemistry, 2016 (I. F= 3.227)
	Novel Method For Tyrosine Assessment in vitro by Using Luminescence Quenching of The Nano Optical Sensor Eu- Ciprofloxacin Complex Doped in Sol-Gel Matrix, M. S. Attia and amr yakout, RSC Adv., 2016, (I. F= 3.32)
	Spectroflourimetric assessment of UO2 by the quenching of the fluorescence intensity of Clopidogrel embedded in PMMA matrix, Elabd A.A., Attia M.S., 2016, J. luminescence.
	Synthesis, spectroscopic characterization of palladium(II)-orthohydroxyacetophenoneazinenano-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.,AttiaM.S.,Gamal, S., 2016, J. luminescence.
2015	A new thin film optical sensor for assessment of UO 2+ based on the fluorescence quenching of Trimetazidine doped in sol gel matrix ,Elabd A.A., Attia M.S., 2015, J. Luminescence.
	Chemical and electrochemical studies of para-Hydroazo- pyrazolone derivatives as corrosion inhibitors for mild steel in hydrochloric acid solutions, FoudaA.S.,Abd El-Wahab S.M.,AttiaM.S.,Youssef, A.O.,Elmoher, H.O, 2015, International Journal of Electrochemical Science.
	Rare earth metals as ecofriendly corrosion inhibitors for mild steel in produced water ,Fouda A.S.,Abd El-Wahab S.M.,AttiaM.S.,Youssef, A.O.,Elmoher, H.O,

	2015,Der PharmaChemica
	Inkjet Printable Luminescent Eu3+-TiO2 Doped in Sol Gel Matrix for Paper Tagging, M. S. Attia, Soad A. Elsaadany, Kawther A. Ahmed, Mohamed M. El-Molla, and M.S.A. Abdel- Mottaleb, inpress, J. fluorescence, 2015
	Diagnosis of some diseases related to the histidine level in humanserum by using the nano optical sensor Eu–Norfloxacine complex, M.S. Attia, M. Diab, M.F. El-Shahat, Sensors and Actuators B 207 (2015) 756–763
2014	Durable Diagnosis of Seminal Vesicle and sexual gland diseases Using the Nano Optical Sensor thin film Sm-Doxycycline Complex, M. S. Attia, A. O. Youssef, R. H. El-Sherif, Analytica Chimica Acta 835 (2014) 56–64 (impact factor= 4.43)
	Uranyl ions adsorption by novel metal hydroxides loaded Amberlite IR120, A. Elabd, W. Zidan, M. Abo-Aly, E. Bakir, M.S. Attia, Journal of Environmental Radioactivity 134 (2014) 99-108.
	Synthesis and Characterization of New Light Emitter Symmetrical Phenoxazinium Salt and Its Potential Application as Sensor for Assessment of Hg2+, M. S. Attia& A. O. Youssef & Abdel-Sattar S. Elgazwy& 9 Samia A. El Abady&Samia M. Agami&Safaa I. Elewa, J Fluoresc (2014) 24:759–765
	A Novel Method for the Assessment of Cortisol Hormone in Different Body Fluids Using A New Photo Probe Thiazole Derivative.M. S. Attia,E. El-Swafy, A. O. Youssef, H. A. Hefny, M. Khalil, JFluoresc (2014) 24:337–344
	Enrofloxacin Assessment by the enhancement of the Red Emission of Eu3+ Optical Sensor, M. S. Attia, D. Y. Sabry and A. O. Youssef, ACL, 2014,
	A New Nano-Optical Sensor Thin Film Cadmium sulphide Doped in Sol-Gel Matrix For Assessment of Alpha -Amylase Activity in Human Saliva, M. S. Attia, H. Zo-elghny and M. S. A. Abdel- Mottaleb, Analyst, 139 (2014) 793–800 .
2013	Modified Amberlite IR120 by Magnetic Nano Iron-Oxide for Uranium Removal, A. Elabd, M. Abo-aly, W. I. Zidan, E Bakier&M. S. Attia, ACL 3 (1) 2013 pp 46 – 64.
	Novel application of pyronin Y fluorophore as high sensitive optical sensor of glucose in human serum,Amr A. Essawy, M.S. Attia,talanta107, 30 (2013) 18–24
	Synthesis and Evaluation of Novel Fluorescent Dyes using Microwave Irradiation, Ahmed K.A., , El-Molla M.M., , Abdel- Mottaleb M.S.A., , Mohamed S. Attia, and El-SaadanyS.,Research Journal of Chemical Sciences, Vol. 3(4), 3-18, April (2013)
2012	A Novel Method For Tyrosine Assessment in vitro by Using Fluorescence Enhancement of the Ion-Pair Tyrosine- Neutral Red Dye Photo probe.M. S. Attia, A. O. Youssef, Amr A. Essawy, Analytical method, RSC, Anal. Methods, 2012, 4, 2323–2328.
	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.M. S. Attia, A. O. Youssef , Amr A. Essawy, M. S. A. Abdel-Mottaleb J. Luminescence , 132 (2012) 2741–2746, (I.F= 2.20)
	Europium-Sensitized and Simultaneous pH-Assisted Spectrofluorimetric Assessment of Ciprofloxacin, Norfloxacin and Gatifloxacin in Pharmaceutical and serum Samples. M. S. Attia ,Amr A. Essawy , A. O. Youssef , Journal of Photochemistry and Photobiology A: Chemistry 236 (2012) 26–34
	Excited state interaction between Hydrochlorothiazide and europium ion in PMMA polymer and its application as optical sensor for Hydrochlorothiazide in tablet and serum samples, M.S. Attia, A.M. Othman, A.O. Youssef, E. El-Raghi, Journal of

	Luminescence, Volume 132, Issue 8, August 2012, Pages 2049-2053
	A Highly Selective and Sensitive Spectrofluorimetric Method for the Assessment of Chlorzoxazone and Ibuprofen in pharmaceutical formulations by using Eu-tetracycline HCl Optical Sensor doped in sol-gel matrix. M. S. Attia , M. N. Ramsis, L. H. Khalil and S. G. Hashem. Journal of Fluorescence, 2012, Volume 22, Number 2, Pages 779-788
	Determination of Ofloxacin using a Highly Selective Photo Probe Based on the Enhancement of the Luminescence Intensity of Eu3+—Ofloxacin Complex in Pharmaceutical and Serum Samples. M. S. Attia&Amr A. Essawy& A. O. Youssef &Marwa S. Mostafa. J Fluoresc ,2012, Volume 22, Number 2, Pages 557-564
2011	Cilostazol Determination by the Enhancement of the Green Emission of Tb3+ Optical Sensor. M. S. Attia& W. H. Mahmoud & A. O. Youssef & M. S. Mostafa. J Fluoresc ,2011, Volume 21, Number 6, Pages 2229-2235
	Spectrofluorimetric Assessment of Doxycycline Hydrochloride in Pharmaceutical Tablets and Serum Sample Based on the Enhancement of the Luminescence Intensity of the Optical Sensor Sm^{3+}Ion.M. S. Attia,W. H. Mahmoud, M. N. Ramsis, L. H. Khalil and A. M. Othman, et al.Journal of Fluorescence, 2011, Volume 21, Number 4, Pages 1739-1748.
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	Spectrofluorimetric Determination of Triamterene in Different Body Fluids and Pharmaceutical Tablets.M.S .Attia, M.M. Abo aly , M.A. Ahmed, A.B. Farag, S.M. Sheta, A.O. Youssef. ACL 1 (2) 2011 pp 164 – 172.
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