

Rasha Moustafa Youssef

Bio – Data



- Date of Birth : 13 May 1973
- Nationality : Egyptian
- Marital Status : Married
- Current address : 15 El yasmin street- Stanly-Alexandria -Egypt
- Passport No. : A05584576
- Mobil No. : +201206984806
- E mail : rmmmy1973@yahoo.com; rasha.youssef@alexu.edu.eg; rashayoussef@adj.aast.edu
- **Orcid:** <https://orcid.org/0000-0001-8071-2187>

Education

**2002 - 2005 Faculty of Pharmacy - Alexandria University, EGYPT
Ph. D. in Pharmaceutical and analytical chemistry**

"Analysis of Certain Drugs used for Treatment of Psychiatric Disorder"

**1998 - 2002 Faculty of Pharmacy - Alexandria University, EGYPT
Master in Pharmaceutical and analytical chemistry**

"Analysis of Some Selected Drugs Acting on H₁ – & H₂ – Receptors"

**1991 - 1996 Faculty of Pharmacy - Alexandria University, EGYPT
B.SC. Pharmaceutical Science**

- General Grade: Distinction with Honor

Professional experience

**2018 till now Executive manager of Science park unit - Faculty of Pharmacy
Alexandria University, EGYPT**

**2016- till now Faculty of Pharmacy - Alexandria University, EGYPT
Professor**

**2011- 2015 Faculty of Pharmacy - Alexandria University, EGYPT
Ass. Prof.**

**2006- 2010 Faculty of Pharmacy - Alexandria University, EGYPT
Lecturer**

**2002 - 2005 Faculty of Pharmacy - Alexandria University, EGYPT
Assistant Teacher**

**1998 - 2001 Faculty of Pharmacy - Alexandria University, EGYPT
Demonstrator**

**1996 - 1998 MABARAH Hospital Alexandria - Egypt
Pharmacist**

- Dispensing medications for inpatients, observe and care for the patient and make sure that they had the right dose at the right time.
- Make sure that the prescribed drugs by the physician are not interacted with each other
- Disposing the expired drugs and chemical and making orders for new ones. Dealing with the pharmaceuticals companies that supplies the hospital with chemicals and drugs, responsible for narcotic drugs.

Teaching Experience

- **Undergraduate Level:**

1-Theory and practical courses in Pharmaceutical Analytical Chemistry for first & second year students , Faculty of Pharmacy , University of Alexandria , EGYPT (1998 to date).

2- **Courses taught for under graduate students:**

- Physical and inorganic chemistry.
- Quantitative Analytical Chemistry.
- Instrumental Analysis.
- Environmental analysis
- Advanced analytical Techniques

- **Postgraduate Level:**

Courses taught for post graduate students:

- 1- Quality control of pharmaceutical products and validation of analytical methods.
- 2- Statistics and biostatistics

Research interest:

- Set up of validated analytical methods for the analysis of drugs in bulk, dosage forms and biological fluids.
- Among the analytical techniques of interest are different spectroscopic techniques, voltammetry and chromatography such as HPLC and HPTLC.
- Development of stability indicating assay and impurity testing for drug substance and products.
- Bioavailability and Bioequivalence studies.

Publications

Published 37 scientific papers in peer-reviewed highly ranked international journals, According to Scopus, Citation is 429, H-Index: 11 According to Google Scholar, Citation is 494, H-Index: 17

Conference & Exhibitions

1. Attending *Dubai Pharmaceutical and Technologies Conference & Exhibition DUPHAT 1999.*
2. Participating in *65th International Congress of FIP* in Cairo **2005** through poster Code QP-P-005 "**Spectrophotometric And Spectrofluorimetric Methods For The Determination Of Fluvoxamine maleate With Ninhydrin In Drug Formulation**"
3. Participating in *Dubai International Pharmaceuticals and Technologies Conference & Exhibition (DUPHAT)* in Dubai, March 20-22, **2007** through poster Code 07-F05 "**Determination of Mirtazapine in Human Plasma And Tablets by First Derivative Spectrofluorimetric Method**"
4. Participating in *Dubai International Pharmaceuticals and Technologies Conference & Exhibition (DUPHAT)* in Dubai, March 10-12, **2008** through poster Code F1 "**Assay of Celecoxib in Capsules Using Derivative Spectrophotometry**"
5. Participating in *1st Scientific Conference of Faculty of Pharmacy Cairo University (SCFOP)* in Cairo, 29 March, **2008** through poster Code AQC-11 "**Development of Validated Chromatographic Methods for The Simultaneous Determination of Metronidazole and Spiramycin in Tablets**"
6. Participating in *BioVision Alexandria "From Promises to Practice"* in Bibliotheca Alexandrina, April 12-16, **2008** through poster presentation entitled "**Electrochemical Study of Spiramycin and Its Determination in Pharmaceutical Preparations**"
7. Attending "The First International Conference of the Quality Assurance and Accreditation Center Cairo University" entitled [QUALITY AND ACCREDITATION THE PRESENT AND PROSPECTIVE] in Cairo, **2008.**
8. Participating in *The 16th International Scientific Conference of the Lebanese Association for the Advancement of Science (LAAS)* in Beirut – Lebanon, November 13-15, **2009** through MNP 1.3 "**Development and Validation of HPTLC and Spectrophotometric Methods for Simultaneous Determination of Candesartan Cilexetil and Hydrochlorothiazide in Pharmaceutical Preparation**"
9. Attending in *BioVision Alexandria "New Life Science: Future Prospects"* in Bibliotheca Alexandrina, April 11-15, **2010.**
10. Participating in *The Recent Advances in Pharmaceutical Research and Technology (RAPRT)* in Beirut – Lebanon, May 6-7, **2010** through abstract "**Enhanced**

Spectrophotometric Determination of Two Antihypertensive Mixtures Containing Ezetimibe in Pharmaceutical Preparations”

11. Participating in *Dubai International Pharmaceuticals and Technologies Conference & Exhibition (DUPHAT)* in Dubai, March 12-14, **2012** through poster Code A104
“Spectrophotometric Assay of Oseltamivir Counterfeit Pharmaceutical Preparations”
12. Participating in 40 International Conference on Coordination Chemistry (40 ICC) in Valencia, Spain, September 9-13, **2012** through poster Code MSD1-P-563
“Microdetermination of ebastine in solid dosage form”
13. Participating in 3rd Scienceone Conference of Drug Discovery and Development (3rd SCDDD) in Dubai, UAE, January 21-23, **2014** through poster Code No. 82-SCDDD14
“HPTLC assay of Metformin in human urine using ion-pair SPE: application in pharmacokinetic study”
14. Participating in FUE International Conference of Pharmaceutical Sciences (3rd FUE-ICPS 2015) in *Cairo, Egypt*, February 9-11, **2015** through poster Code P-DD-31 **“Validated Novel Spectrophotometric Methods for the Quantitation of Eszopiclone”**
15. Participating in *Dubai International Pharmaceuticals and Technologies Conference & Exhibition (DUPHAT)* in Dubai, UAE, March 08-10, **2015** as Professional Poster Oral Presenter Code P02 **“RP-HPLC Assay of Aripiprazole in Presence of Co-administered Drugs: Stability in Human Plasma and Pharmacokinetic Studies”**
16. Attending in *The Emirates International Conference on Combating Drug Counterfeiting* Under the theme *“Working Together Against Counterfeits”* in Dubai, UAE, April 20-21, **2015**
17. Attending in *The Fifth National Pharmacovigilance Conference (5th NPC 2015)* under the theme *“Excellence in Pharmacovigilance”* in Dubai, UAE, September 16-17, **2015**
18. Attending in *The Sixth National Pharmacovigilance Conference* in collaboration with *Pharmaceutical Research & Industry Group of Companies- GULF* in Dubai, UAE, April 19-20, **2017**
19. Attending in *The Second Emirates International Conference on Combating Medicinal Products Counterfeiting* Under the theme *“Working Together Against Counterfeits”* in Dubai, UAE, May 1-2, **2017**
20. Participating in BioVision Alexandria **“New Life Sciences: Towards SDGs”**. in Bibliotheca Alexandrina, April 20-22, **2018** through poster presentation entitled **“Non - parametric spectrophotometric analysis of Olmesartan, Hydrochlorothiazide and Amlodipine”**.
21. Participating in International Conference of The Faculty of Pharmacy Ain Shams University (2nd ICPASU) under the theme *“Future Trends in the Development of Pharmaceutical Education and Research”*.in Cairo, Egypt, November 13-15, **2018** through poster Code Anal Chem 0012” **Validated Spectrophotometric Methods for Determination of Tigecycline in Intravenous Infusion Solution”**
22. **Attending** the second PUA International Conference on *“Multidisciplinary Approaches in Pharmaceutical Sciences”* held on March 11-12, 2020 at Pharos University in Alexandria, Egypt.
23. Participating in Virtual Online Conference On Pharmaceutics, Pharmacology and Drug Delivery Systems held on September 10, 2020 by oral presentation entitled **“Validated Capillary Electrophoretic Method for assay of Topical Preparation containing high concentration ratio of the drugs in a binary mixture: simultaneous determination of Mometasone Furoate and Salicylic acid in ointment”**

Professional memberships

1. Member in steering committee of International Conference on Pharmaceutical and Healthcare Sciences (PHS).
2. Chairman of Scientific Committee of PHS 2019 in Alexandria, Egypt, November 6-7, 2019
3. Member in poster evaluation committee in the 2nd PUA International Conference on *“Multidisciplinary Approaches in Pharmaceutical Sciences”* held on March 11-12, 2020 at Pharos University in Alexandria, Egypt.
4. Scientific committee member in Virtual Online Conference On Pharmaceutics, Pharmacology and Drug Delivery Systems held on September 10, 2020
5. Egyptian Pharmacy’ Syndicate
6. **Regular reviewer in many international highly cited journals in the field of Analytical Chemistry (e.g. *Talanta, Spectrochimica Acta, Pharmaceutica Analytica Acta,***

Spectroscopy-Biomedical Application, African Journal of pharmacy and pharmacology, Journal of the Association of Arab Universities for Basic and Applied Sciences, Journal of liquid chromatography & related technology, Journal of Pharmaceutical Analysis, Journal of Pharmacy Research, Chirality, Journal of chromatographic science, Instrumentation sciences & Technology and Chem Ind. Chem. Eng. Q.)

7. **Editorial board member of International Journal of Environmental Research and Development (IJERD).**
8. **Editorial board member of WORLD JOURNAL PHARMACY AND PHARMACEUTICAL SCIENCE (WJPPS)**
9. **Associate editor of World Research Journal of Organic Chemistry.**
10. **Program Technical committee member of annually organized Scienceone Conference of Drug Discovery and Development (SCDDD)**
11. **Editorial board member of Journal of Pharmacovigilance**
12. **Member in International Scientific Committee and Editorial Review Board on Medical and Biological Sciences of World Academy of Science, Engineering and Technology (WASET)**
13. **Editorial board member of Austin Journal of Analytical and Pharmaceutical Chemistry**
14. **Editorial board member of American Journal of Biomedical Research**
15. **Associate editor of International Journal of Chemistry and Applications (IJCA)**
16. **Editorial board member of American Journal of Chemistry and Application.**
17. **Editorial board member of European Journal of Biomedical and Pharmaceutical Sciences**
18. **Editorial Review Board of Journal of American Academic Research (JAAR)**

Special Prizes and Awards

- **An Award for Research Encouragement in the Field of Pharmaceutical Chemistry, offered by the University of Alexandria in 2009**

Thesis supervision

SUPERVISED SCIENTIFIC MASTER and Ph. D. THESES

- 1- "Contribution to the analysis of some drugs used in the treatment of cardiovascular disorders", Eman I. El-Kimary, **PhD thesis** 2011.
- 2- "Analysis of some drugs used in the treatment of obesity and associated disorders", Miranda F. Kamal, 2011
- 3- "Analysis of some non-sedating antihistaminic drugs", Mona M. abdelMoneim, 2013
- 4- "Analysis of certain esters and amides of pharmaceutical interest", Sameh E. Younis, 2013
- 5- "Analytical Study of Some Antidepressant drugs of Forensic Medicine Interest", Mira M. Mansour, 2014.
- 6- "Analysis of some multifunctional drugs having a carboxylic and/or amino groups in their pharmaceutical matrices", Moustafa A. Afify, 2014
- 7- "Analysis of certain pharmaceutical compounds containing carboxylic group and its derivatives" Faten M. Aboukhalil

Courses & workshops

- ❖ Different Computer Trainings in MS Excel, Word, Power Point, Data Base Programming & Basic Programming Language.
- ❖ Attending the seminar and workshop series on *The Scientific Uses of Informatics* on February 21-24, 2005 in Alexandria University, Faculty of pharmacy, DAQC project.
- ❖ Completing course of *Teaching Evaluation (T5)* on May 20-22, 2006 in Faculty and Leadership Development Centre (FLDC), Alexandria university
- ❖ Attending the pharmacy workshop on *Vigilance For Quality Control In Bioanalytics* on 22nd March, 2007 in DUPHAT 2007.
- ❖ Attending the pharmacy workshop on *Bioequivalence, a Registration requirement for Clinical Efficacy* on 10th March, 2008 in DUPHAT 2008.
- ❖ Attending the pharmacy workshop on *Pharmaceutical Process Improvement* on 11th March, 2008 in DUPHAT 2008.
- ❖ Completing course of *Credit Hours* on October 13-15, 2009 in Faculty and Leadership Development Centre (FLDC), Alexandria university
- ❖ Completing course of *International Publishing of Scientific Research* on October 27-29, 2009 in Faculty and Leadership Development Centre (FLDC), Alexandria university
- ❖ Completing course of *Research Ethics* on April 24-27, 2010 in Faculty and Leadership Development Centre (FLDC), Alexandria university

- ❖ Completing course of ***Quality Standards in The Education Process*** on May 4-6, 2010 in Faculty and Leadership Development Centre (FLDC), Alexandria university
- ❖ Completing course of ***Managing Time and Meeting*** on May 11-13, 2010 in Faculty and Leadership Development Centre (FLDC), Alexandria university
- ❖ Completing course of ***Legal and Financial Aspects in University Environment*** on October 18-19, 2011 in Faculty and Leadership Development Centre (FLDC), Alexandria university
- ❖ Attending the pharmacy workshop on ***Engaging the Public in Safety and Efficacy of Medicines*** on 12nd March, 2012 in DUPHAT 2012.
- ❖ Attending the pharmacy workshop on ***Pharmacokinetics/ Pharmacodynamics of Antibacterials*** on 13th March, 2012 in DUPHAT 2012.
- ❖ Attending the pharmacy workshop on ***Clinical Pharmacy Economics*** on 14th March, 2012 in DUPHAT 2012.
- ❖ Completing course of ***E-Learning "Level 1"*** on April 2-3, 2012 in Faculty and Leadership Development Centre (FLDC), Alexandria university
- ❖ Completing course of ***Competitive Research Projects*** on May 21-22, 2012 in Faculty and Leadership Development Centre (FLDC), Alexandria university
- ❖ Completing course of ***Disaster and Crisis Management*** on May 28-29, 2012 in Faculty and Leadership Development Centre (FLDC), Alexandria university
- ❖ Attending the pharmacy workshop on ***The Challenges of a Program Accreditation*** on 10th March, 2013 in DUPHAT 2013.
- ❖ Attending the pharmacy workshop on ***Starting a research Program at Your Clinical Practice Site*** on 11th March, 2013 in DUPHAT 2013.
- ❖ Attending the pharmacy workshop on ***Assessing Outcomes of Pharmacy Education Relevant to Pharmacy Practice*** on 11th March, 2013 in DUPHAT 2013.
- ❖ Attending the pharmacy workshop on ***Conducting Ethical Pharmacy Practice Research*** on 12th March, 2013 in DUPHAT 2013.
- ❖ Attending the pharmacy workshop on ***Management of Nutritional Deficiencies after Bariatric surgery*** on 12th March, 2013 in DUPHAT 2013
- ❖ Attending the pharmacy workshop on ***Clinical Competency Assessment: The Use of a Clinical Development Tool*** on 10th March, 2014 in DUPHAT 2014.
- ❖ Attending the pharmacy workshop on ***Staying Ahead with Medication Safety: Using a Safety Self-Assessment Approach to Develop a Medication Safety Plan*** on 11th March, 2014 in DUPHAT 2014.
- ❖ Attending the pharmacy workshop on ***Design your Surveys in Health care: From Idea to Valid Results for Publication*** on 12th March, 2014 in DUPHAT 2014.
- ❖ Attending the pharmacy workshop on ***Halal Medications: Role of Pharmacists*** on 12th March, 2014 in DUPHAT 2014.
- ❖ Attending the pharmacy workshop on ***Precepting-Skills, Working with Students and Characteristics of a Good Preceptor*** on 8th March, 2015 in DUPHAT 2015
- ❖ Attending the pharmacy workshop on ***Teaching Inter professional Ethics*** on 10th March, 2015 in DUPHAT 2015
- ❖ Completing course of ***Organizing Scientific Conferences*** on December 21-22, 2015 in Faculty and Leadership Development Centre (FLDC), Alexandria university
- ❖ Completing course of ***Managing research teams*** on December 23-24, 2015 in Faculty and Leadership Development Centre (FLDC), Alexandria university
- ❖ Participating in the workshop entitled "**Research Project Proposal Development**" on December 11-13, 2017 in the 8th round of Alexandria Research Centre for Adaptation to Climate Change (ARCA), Alexandria
- ❖ Attending the training course entitled "**Chemical Security Vulnerability Assessment**" on May 12-14, 2018, Alexandria

Languages

ARABIC : Mother-Tongue ENGLISH : Excellent

List of Publications

1. "Gradient HPLC-DAD method for quantification of novel oral anticoagulant "Edoxaban" in plasma: Its selective determination in presence of sixteen co-administered drugs" *Journal of Chromatography B* 1160 (2020) 122386
Sameh E. Younis, Sara A. El-Nahass, Mohammed A. W. elkhatib, Sobhi A. Soliman, Rasha M. Youssef
2. "Simultaneous micro-determination of eplerenone and torsemide in their combined tablets using HPTLC-Dual wavelength spectrodensitometric and spectrophotometric methods" *Microchemical Journal* 156 (2020) 104861
Sameh E. Younis, Sara A. El-Nahass, Sobhi A. Soliman, Rasha M. Youssef
3. "Hantzsch pre-column derivatization for simultaneous determination of alendronate sodium and its pharmacopoeial related impurity: Comparative study with synchronous fluorometry using fluorecamine" *Journal of Food and Drug analysis* 27 (1) (2019): 208-220
Amira F. El-Yazbi, Eman I. ElKimary, Rasha M. Youssef
4. "Simultaneous Determination of Loratadine and Desloratadine in Presence of Pseudoephedrine using Validated Spectrophotometric Methods" *International Journal of Chemical and Biomedical Science* 3(1) (2017): 1-9
Rasha M. Youssef, Essam F. Khamis, Mahmoud A. El-Sayed, Mona M. Abdel Moneim
5. "Validated Stability-Indicating Spectrophotometric Techniques for the Determination of Quetiapine in the Presence of its Oxidation-Induced Degradation Products " *Austin J Anal Pharm Chem.* 3(2) (2016) 1066
Rasha M. Youssef, Magda A. Barary, Heba H, Abdine, Mira M. Wagih
6. "Selective RP-HPLC method for determination of Quetiapine in presence of co-administered drugs: application for long-term stability study of Quetiapine in whole blood" *Acta chromatographica*, 28(3) (2016) 1-17
Rasha M. Youssef, Heba H, Abdine, Magda A. Barary, Mira M. Wagih
7. "An eco-friendly HPTLC method for assay of Eszopiclone in pharmaceutical preparation: Investigation of its water-induced degradation kinetics" *Analytical Methods*, 7 (2015) 7590-7595
Amira F. El-Yazbi, Rasha M. Youssef*
8. "Experimental Design and Machine Learning Strategies for Parameters Screening and Optimization of Hantzsch Condensation Reaction for the Assay of Sodium Alendronate in Oral Solution" *RSC Advances*, 5 (2015) 6385-6394
Mohamed A. Korany, Marwa A. A. Ragab, Rasha M. Youssef, Mostafa A. Afify
9. "HPTLC Assay of metformin in urine using ion pair- solid phase extraction: Application for bioavailability and bioequivalence study of new microbeads controlled release formulation" *journal of planer chromatography Modern TLC*, 27 (5) (2014) 377-384
Eman I. El-Kimary, Rasha M. Youssef, Ahmed N. Allam
10. "Development and validation of spectrophotometric and HPTLC methods for simultaneous determination of rosiglitazone maleate and metformin hydrochloride in the presence of interfering matrix excipients" *Drug Dev Ind Pharm*, 40 (9) (2014) 1190-1198
Hoda Mahgoub, Rasha M. Youssef, Mohamed A. Korany, Essam F. Khamis, Miranda F. Kamal

11. "Validated spectrophotometric methods for the evaluation of Oseltamivir counterfeit pharmaceutical capsules" *Bulletin of Faculty of Pharmacy, Cairo University*, 52 (2014) 63-69
Rasha M. Youssef, Fawzi A. El-Yazbi, Essam F. Khamis, Sameh E. Younis

12. "Development of Stability Indicating HPLC-DAD method for Simultaneous Determination of Mometstone Furoate and Salicylic Acid in Ointment" *Analytical Methods* 6 (2014) 3410-3419
Rasha M. Youssef, Mohamed A. korany, Mostafa A. Afify

13. "Microspectrometric determination of sibutramine in adulterated slimming formulations" *Analytical Methods* 6 (2014) 3395-3400
Rasha M. youssef, Essam F. Khamis, Mohamed A. Korany, Hoda Mahgoub, Miranda F. Kamal

14. "Development of gradient HPLC-DAD method for assay of ternary mixture containing amebicide and analgesic drugs" *Acta chromatographica*, 26 (2014) 67-80
Rasha M. Youssef

15. "Development and Validation of a High-Performance Thin-Layer Chromatographic Method for the Assay of Ternary Mixtures Containing Cetirizine Dihydrochloride in Pharmaceutical Dosage Forms" *journal of planer chromatography-Modern TLC*, 27 (2014) 58–65
Rasha M. Youssef*, Essam F. Khamis, Mahmoud A. El-Sayed, Mona M. Abdel Moneim

16. "Simultaneous determination of Montelukast and Fexofenadine using Fourier transform convolution emission data under non- parametric Linear Regression method" *Journal of Fluoresence*, 23 (2013), 1329–1340
Marwa A.A. Ragab, Rasha M. Youssef

17. "Validated HPTLC Method for the Evaluation of Oseltamivir Pharmaceutical Formulations Counterfeited with Ascorbic Acid Compared with a Colorimetric Method" *journal of planer chromatography-Modern TLC*, 26 (5) (2013) 427–434
Rasha M. Youssef, Essam F. Khamis, Sameh E. Younis, Fawzi A. El-Yazbi

18. "Monitoring of metronidazole and its metabolite residues in eggs of two strains of hens using HPLC-DAD" *Journal of Liquid Chromatography & Related Technologies*, 36 (14) (2013) 2044-2058
Rasha M. Youssef, Amira E. El-Delebs hany, Marwa A. A. Ragab, Eman I. El-Kimary

19. "Validated Stability-Indicating Methods for the Simultaneous Determination of Amiloride hydrochloride, Atenolol and Chlorthalidone Using HPTLC and HPLC with Photodiode Array Detector" *The Journal of AOAC International*, 96 (2) (2013) 313-323
Rasha M. Youssef, Hadir M. Maher, Eman I. El-Kimary, Ekram M. Hassan, Magda A. Barary

20. "Graphical spectrophotometric determination of ionization constants of Entacapone and its quantification in tablets and plasma" *World Journal of Pharmacy and Pharmaceutical Sciences*, 2 (1) (2013) 1-24
Rasha M. Youssef, Essam F. Khamis, Sameh E. Younis, Fawzi A. El-Yazbi

21. "Validated HPTLC method for simultaneous determination of loratadine and desloratadine in presence of co formulated drug" *journal of planer chromatography-Modern TLC*, 25 (2012) 456–462
Rasha M. youssef, Essam F. Khamis, Mahmoud A. El-Sayed. Mona M. Abdel Moneim

22. "Bioavailability study of triamterene and xipamide using urinary pharmacokinetic data following single oral dose of each drug or their combination" *Journal of pharmaceutical and Biomedical Analysis*, 61 (2012) 78– 85
 Hadir M. Maher, Rasha M. Youssef, Eman I. El-Kimary, Ekram M. Hassan, Magda A. Barary
23. "Kinetic Spectrophotometric Methods for the Determination of Artificial Sweetener (Sucralose) In Tablets" *Drug Testing and Analysis*, 3 (2011) 214-220
Rasha M. Youssef, Mohamed A. Korany, Essam F. Khamis, Hoda Mahgoub, Miranda F. Kamal.
24. "Enhanced Spectrophotometric Determination of Two Antihyperlipidemic Mixtures Containing Ezetimibe in Pharmaceutical Preparations" *Drug Testing and Analysis*, 3 (2011) 97-105
 Hadir M. Maher, Rasha M. Youssef, Ekram M. Hassan, Eman I. El-Kimary, Magda A. Barary
25. "Electrochemical Study of Spiramycin and Its Determination in Pharmaceutical Preparation" *Drug Testing and Analysis*, 2(8) (2010) 392–396
Rasha M. Youssef, Hadir M. Maher
26. "Development and Validation of HPTLC and Spectrophotometric Methods for Simultaneous Determination of Candesartan Cilexetil and Hydrochlorothiazide in Pharmaceutical Preparation" *International Journal of Applied Chemistry*, 6 (2) (2010) 233–246.
Rasha M. Youssef, Hadir M. Maher, Ekram M. Hassan, Eman I. El-Kimary, Magda A. Barary
27. "Determination of Mirtazapine in Human Plasma and Tablets by First Derivative Spectrofluorimetric Method" *Saudi Pharmaceutical Journal*, 18(1) (2010) 59-64.
Rasha M. Youssef
28. "Development of Validated Chromatographic Methods for the Simultaneous Determination of Metronidazole and Spiramycin in Tablets" *Chromatographia*, 69 (2009) 345–350
 Hadir M. Maher, Rasha M. Youssef.
29. "Simultaneous Multi-residue Determination of Metronidazole and Spiramycin in Fish Muscle Using High Performance Liquid Chromatography with UV Detection" *Journal of Chromatography B*, 876 (2008) 175–181
 Hadir M. Maher, Rasha M. Youssef, Riad H. Khalil, Sabry M. El-Bahr
30. "Simultaneous Determination of Ternary Drug Mixtures Using Square Wave Polarography Subjected to Non-parametric and Chemometric Peak Convolution" *Chemometrics and Intelligent Laboratory Systems*, 94 (2008) 95-103.
 Hadir M. Maher, Rasha M. Youssef
31. "A New Hybrid Double divisor Ratio Spectra Method for the Analysis of Ternary Mixtures" *Spectrochimica Acta Part A*, 70 (2008) 1152–1166
Rasha M. Youssef, Hadir M. Maher
32. "Validated Stability-indicating Methods for the Determination of Nizatidine in Presence of Its Sulphoxide Derivative" *The Journal of AOAC International*, 91(1) (2008) 73- 82.
Rasha M. Youssef

33. "Assay of Buspirone hydrochloride in Tablets Using Kinetic Spectrophotometry" *The Chinese Pharmaceutical Journal*, 58 (2006) 85-94
Rasha M. Youssef*, Essam F. Khamis, Azza A. Gazy, Hoda Mahgoub, M. A. El-Sayed
34. "Differential Pulse, Square Wave and Adsorptive Stripping Voltammetric Quantification of Tianeptine in Tablets" *Journal of pharmaceutical and Biomedical Analysis*, 41 (4) (2006) 1157-1163.
Azza A. Gazy*, Hoda Mahgoub, Essam F. Khamis, Rasha M. Youssef, M. A. El-Sayed
35. "Spectrophotometric and titrimetric determination of Nizatidine in capsules" *Journal of pharmaceutical and Biomedical Analysis*, 31(2003) 1027-1034.
F.A. El-Yazbi *, Azza A. Gazy, Hoda Mahgoub, M.A. El-Sayed, Rasha M. Youssef
36. "Spectrophotometric determination of binary mixtures of pseudoephedrine with some histamine H1 – receptor antagonists using ratio spectrum method" *Journal of pharmaceutical and Biomedical Analysis*, 31 (2003) 801-809.
Hoda Mahgoub, Azza A. Gazy, F.A. El-Yazbi *, M.A. El-Sayed, Rasha M. Youssef
37. "Determination of some histamine H1 – receptor antagonists in dosage forms" *Journal of pharmaceutical and Biomedical Analysis*, 30 (2002) 859-867.
Azza A. Gazy, Hoda Mahgoub, F.A. El-Yazbi *, M.A. El-Sayed, Rasha M. Youssef