



Curriculum Vitae

Personal Information

Name: Hossieny Samieh Mohammed Ibrahim, *B.Sc., M.Sc., Ph.D.*
Birth Date: Dec. 5, 1973 Tanta, Egypt
Current position: **Associate Professor** of Analytical Chemistry, Chemistry Department, Faculty of Science, Assiut University, Assiut 71516, Egypt.
E-mail: Hossienyomer@yahoo.com,
hossieny.ibrahim@aun.edu.eg
Phone: 002-088-2356513 (Home)
Fax: 002-088-2080209
Mobile: 002-01000352999

Academic Qualifications:

B.Sc., Chemistry, Assiut University, Egypt, **1997**
M.Sc., Analytical Chemistry, Assiut University, Egypt, **2004**
Ph.D., Analytical Chemistry, Assiut University, Egypt, **2011**

Career Development:

1997-2004: **Demonstrator**, Department of Chemistry, Faculty of Science, Assiut University, Assiut, **Egypt**
2004-2011: **Assistant Lecturer**, Department of Chemistry, Faculty of Science, Assiut University, Assiut, **Egypt**
2011-2016: **Assistant Professor**, Department of Chemistry, Faculty of Science, Assiut University, Assiut, Egypt
2017-current: **Associate Professor**, Department of Chemistry, Faculty of Science, Assiut University, Assiut, Egypt

Research Interest:

- Development of electrochemical sensors and biosensors and their applications for drugs analysis in pharmaceuticals and body fluids.
- Material science, synthesis and characterization of nanomaterials, and its application in pharmacy.
- Fabrication of different metal nanostructures based on: (electrochemical deposition – metal oxide nanoparticles through sol-gel combustion and hydrothermal methods) and its application in drugs analysis.
- Interactions of drugs with biomacromolecules (such as DNA and Cyclodextrines, Protein, ...)

Selected conferences attended:

- The Third Conference for Young Researchers, Basic Science and Technology, 19-20th April 2011, Assiut, Egypt.
- Electrochemistry 2014, Basic Science and Key Technology for Future Applications, Sep. 22nd –24th, 2014, Mainz, Germany.
- Electrochemistry 2016, innovative, interdisciplinary, essential, Sep. 26th –28th, 2016, Hotel "Der Achtermann", Goslar, Germany.
- The Fifth International Conference for Young Scientists in Basic and Applied Sciences, Oct 29th – Nov 1st 2016, Assiut, Egypt.

Teaching experience:

Graduate and undergraduate courses taught are:

- General Chemistry (C100, C105)
- Analytical Chemistry (C342)
- Analytical Chemistry Lab (C331)
- Chemical Industries (C453)
- Instrumental Analysis lab (C431)
- General Chemistry Lab (C230)

Other Skills:

- Experienced with the operation and applications of various analytical techniques and instruments such as polarography/voltammetry (AC, DPP, NPP, DCP, LSV, DPV, SWV), Stripping techniques (DPSV, DCSV, ACSV), optical techniques (UV-visb spectroscopy, AAS,)
- Professional computer user in teaching and research.
- Self-learning from the long use of the computer.
- Full awareness of all Microsoft office programs, e.g. PowerPoint, Word, ..etc.
- Experience in computer hardware, upgrades, build up, fixing... etc.

Supervisions:

- *Mohamed Kotb Mohamed Abdel-Hafez*, Electrochemical Studies on some Anticancer Compounds at Charged Interfaces, Ph.D Thesis, awarded in **2016**, Yassien Temerk, Zahra A. Ahmed, Mohamed S. Ibrahim and **Hossieny Ibrahim**
- *Nasser Farhan*, Electroanalytical Studies on Some biological compounds, Ph.D Thesis, awarded in 2017, Yassien Temerk and **Hossieny Ibrahim**

Activities & Workshops:

Attend many workshops in the education, communication and research skills:

- Preparation of the Teacher
- Teaching for Learning
- Thinking Skills
- Legal Concepts of Universities
- Good Presentation Skills
- Job Ethics
- Application of Technology in Teaching
- Presentation and Writing Scientific Research for International Publication
- Credit Hours System
- Research Team Management
- University Administration
- Time and conference Management
- Effective presentation
- Publication of research in international journals
- How to activate the E-Course

Publications:

- 1- A novel sensor based on nanobiocomposite Au-In₂O₃ -chitosan modified acetylene black paste electrode for sensitive detection of antimycotic ciclopirox olamine

Hossieny Ibrahim, Yassien Temerk, Nasser Farhan

Talanta (online: DOI.org/10.1016/j.talanta.2017.10.036)

- 2- Fabrication of a new biosensor based on a Sn doped ceria nanoparticle modified glassy carbon paste electrode for the selective determination of the anticancer drug dacarbazine in pharmaceuticals.

Mohamed Ibrahim, Yassien Temerk, **Hossieny Ibrahim**

RSC Adv., 7 (2017) 32357–32366

- 3- Fabrication of a novel electrochemical sensor based on Zn–In₂O₃ nanorods coated glassy carbon microspheres paste electrode for square wave voltammetric determination of neuroprotective hibifolin in biological fluids and in the flowers of hibiscus vitifolius

Yassien Temerk, **Hossienny Ibrahim**

Journal of Electroanalytical Chemistry, 782 (2016) 9–18

- 4- Sensitive electrochemical sensor for simultaneous determination of uric acid and xanthine in human biological fluids based on the nano-boron doped ceria modified glassy carbon paste electrode

Hossienny Ibrahim, Yassien Temerk

Journal of Electroanalytical Chemistry, 780 (2016) 176-186

- 5- Electrochemical sensor for individual and simultaneous determination of guanine and adenine in biological fluids and in DNA based on a nano-In–ceria modified glassy carbon paste electrode

Hossienny Ibrahim, Yassien Temerk, Nasser Farhan

RSC Adv., 6 (2016) 90220–90231

- 6- Interactions of an anticancer drug lomustine with single and double stranded DNA at physiological conditions analyzed by electrochemical and spectroscopic methods

Yassien Temerk, Mohamed Ibrahim, **Hossienny Ibrahim**, Mohamed Kotb

Journal of Electroanalytical Chemistry, 769 (2016) 62–71

- 7- A novel electrochemical sensor based on B doped CeO₂ nanocubes modified glassy carbon microspheres paste electrode for individual and simultaneous determination of xanthine and hypoxanthine.

Hossienny Ibrahim, Yassien Temerk

Sensors and Actuators B: Chemical, 232, (2016) 125–137

- 8- A new sensor based on In doped CeO₂ nanoparticles modified glassy carbon paste electrode for sensitive determination of uric acid in biological fluids.

Yassien Temerk, **Hossienny Ibrahim**

Sensors and Actuators B: Chemical, 224, (2016) 868–877

- 9- Adsorptive stripping voltammetric determination of anticancer drug lomustine in biological fluids using in situ mercury film coated graphite pencil electrode

Yassien Temerk, Mohamed Ibrahim, **Hossienny Ibrahim**, Mohamed Kotb

Journal of Electroanalytical Chemistry, 760 (2016) 135–142

- 10-** Square wave cathodic adsorptive stripping voltammetric determination of the anticancer drugs flutamide and irinotecan in biological fluids using renewable pencil graphite electrodes
Yassien M. Temerk, **Hossieny S. M. Ibrahim**, Wolfgang Schuhmann
Electroanalysis, 28 (2016) 372–379
- 11-** Square wave adsorptive stripping voltammetric determination of anticancer drug nilutamide in biological fluids using cationic surfactant cetyltrimethylammonium bromide
Yassien Temerk, **Hossieny Ibrahim**, Nasser Farhan
Analytical Methods, 7 (2015) 9137-9144
- 12-** Interactions of an anticancer drug formestane with single and double stranded DNA at physiological conditions
Yassien Temerk, Mohamed Ibrahim, **Hossieny Ibrahim**, Mohamed Kotb
Journal of Photochemistry and Photobiology B: Biology, 149 (2015) 27-36
- 13-** Indium oxide nanoparticles modified carbon paste electrode for sensitive voltammetric determination of aromatase inhibitor formestane
Mohamed Ibrahim, Yassien Temerk, **Hossieny Ibrahim**, Mohamed Kotb
Sensors and Actuators B, 209 (2015) 630–63
- 14-** Electrochemical studies and spectroscopic investigations on the interaction of an anticancer drug flutamide with DNA and its analytical applications
Yassien Temerk, **Hossieny Ibrahim**
Journal of Electroanalytical Chemistry 736 (2015) 1–7
- 15-** Novel sensor for sensitive electrochemical determination of luteolin based on In₂O₃ nanoparticles modified glassy carbon paste electrode
Hossieny Ibrahim, Yassien Temerk
Sensors and Actuators B 206 (2015) 744–752
- 16-** Binding mode and thermodynamic studies on the interaction of the anticancer drug dacarbazine and dacarbazine–Cu(II) complex with single and double stranded DNA
Yassien Temerk, **Hossieny Ibrahim**
Journal of Pharmaceutical and Biomedical Analysis 95 (2014) 26–33


- 17-** Individual and simultaneous square wave voltammetric determination of the anticancer drugs emodin and irinotecan at renewable pencil graphite electrodes
Yassien M. Temerk, **Hossieny S. M. Ibrahim**
J. Braz. Chem. Soc. 24 (2013) 1669-1678
- 18-** Electrochemical behaviour of the anticancer dacarbazine-Cu²⁺ complex and its analytical applications
Yassien M. Temerk, Moustafa M. Kamal, Mohamed S. Ibrahim, **Hossieny S. M. Ibrahim**, Wolfgang Schuhmann
Electroanalysis 23 (2011) 1638 – 1644
- 19-** Cathodic Adsorptive Stripping Voltammetric Determination of the Antitumor Drug Rutin in Pharmaceuticals, Human Urine, and Blood Serum
Yassien M. Temerk, **Hossieny S. M. Ibrahim**, Wolfgang Schuhmann
Microchim Acta 153(2006) 7–13
- 20-** Chelate adsorption for trace voltammetric determination of xanthosine 5' monophosphate and xanthosine 5'-diphosphate
Yassien M. Temerk, Moustafa M. Kamal, Mohamed S. Ibrahim, **Hossieny S.M. Ibrahim**
Microchim Acta 153 (2006) 57–64
- 21-** Ultra-sensitive anodic stripping voltammetry for the determination of xanthine at a glassy carbon electrode
Mohamed S. Ibrahim, Yassien M. Temerk, Moustafa M. Kamal, Gamal A.-W. Ahmed, **Hossieny S. M. Ibrahim**
Microchim. Acta 144 (2004) 249–256
- 22-** Differential pulse and square-wave cathodic stripping voltammetry of xanthine and xanthosine at a mercury electrode
Y.M.Temerk, M.M.Kamal, G.A.W. Ahmed, **H.S.M. Ibrahim**
Analytical Sciences, Vol. 19 (2003)1115-1119.

File Edit View History Bookmarks Tools Help

Hossieny Ibrahi... x +

https://scholar.google.com/eg/citations?hl=en&u 80% Search

Google Scholar




Hossieny Ibrahim

Associate Professor, Department of Chemistry , Faculty of Science, Assiut University
[Verified email at aun.edu.eg - Homepage](#)
 Electroanalytical Chemistry






[+ FOLLOW](#)

Cited by [VIEW ALL](#)

	All	Since 2012
Citations	173	141
h-index	8	8
i10-index	6	4



Co-authors

-  **Yassien Temerk**
Emeritus Professor, Department ... >
-  **M. S. Ibrahim**
Professor of analytical chemistry >
-  **Wolfgang Schuhmann**
Ruhr-Universität Bochum >
-  **Mohamed S. El-Deab**
Professor of Physical Chemistry ... >
-  **Chinnathambi Sekar**
Professor, Department of Bioelec... >

TITLE	CITED BY	YEAR
A novel sensor based on nanobiocomposite Auln 2 O 3 chitosan modified acetylene black paste electrode for sensitive detection of antimycoticciclopirox olamine H Ibrahim, Y Temerk, N Farhan Talanta		2017
Fabrication of a new biosensor based on a Sn doped ceria nanoparticle modified glassy carbon paste electrode for the selective determination of the anticancer drug dacarbazine in pharmaceuticals M Ibrahim, Y Temerk, H Ibrahim RSC Advances 7 (51), 32357-32366		2017
Fabrication of a novel electrochemical sensor based on Zn-In 2 O 3 nanorods coated glassy carbon microspheres paste electrode for square wave voltammetric determination of neuroprotective hibifolin in biological fluids and in the flowers of hibiscus vitifolius Y Temerk, H Ibrahim Journal of Electroanalytical Chemistry 782, 9-18	2	2016
Sensitive electrochemical sensor for simultaneous determination of uric acid and xanthine in human biological fluids based on the nano-boron doped ceria modified glassy carbon paste electrode H Ibrahim, Y Temerk Journal of Electroanalytical Chemistry 780, 176-186	2	2016
A novel electrochemical sensor based on B doped CeO 2 nanocubes modified glassy carbon microspheres paste electrode for individual and simultaneous determination of xanthine and hypoxanthine H Ibrahim, Y Temerk	8	2016

start Hossieny Ibrahim - G... HossienyCV - Microso... EN 06:48