



Golabi, Sayed Mahdi

Date of birth: March 20, 1935

Nationality: Iranian

Marital status: Married

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Educations

University Doctorate in Chemistry, Faculty of Science, University of Paris VI, 1965.

D.E.A. (Diplome d'Etudes Approfondies) in Analytical Chemistry, Faculty of Science, University of Paris VI, 1963.

C.E.S. (Certificat d'Etudes Superieures) in Analytical and Industrial Chemistry, Faculty of Science, University of Paris VI, 1962.

Doctorate in Pharmacy, Faculty of Medicine and Pharmacy, University of Tabriz, Tabriz-Iran, 1959.

Teaching Experiences

- Analytical Chemistry (for undergraduate students).
- Advanced Analytical Chemistry, complexation in Analytical Chemistry, Advanced Electroanalytical Chemistry and Special topics in Analytical Chemistry (for graduate students).
- Statistical Methods in Analytical Chemistry, Mechanism Elucidation by Electroanalytical Methods and New Trends in Electroanalytical Chemistry for Doctoral students in Chemistry.

Administrative Responsibilities

- Head of Chemistry Department, Faculty of Science, University of Tabriz, 1967-1972.
- Vice-Dean of Faculty of Science, University of Tabriz, 1972-1974.
- Director of the Research Department, University of Tabriz, 1974-1976.
- Dean of Faculty of Science, University of Tabriz, 1987-1989.
- Chancellor of the University of Tabriz, 1990-1992.

Academic Positions

- Professor of Analytical Chemistry, 1987-.
- Associate Professor in Analytical Chemistry, 1971 to 1987.
- Assistant Professor in Analytical Chemistry, 1966 to 1971.

Thesis supervision

- Supervision of 22 M.Sc. Theses in Analytical Chemistry.
- Supervision of 6 Ph.D. Theses in Analytical Chemistry.

Research Interest

- Electroanalytical Investigation of organic compounds in aqueous and non- aqueous media.
- Electrosynthesis of new organic compounds
- Preparation and characterization of new modified electrodes, its application in electrocatalytic determination of organic and inorganic species.
- Development of new Electroanalytical methods for real samples analysis.

Published articles indexed in Scopus:

No.	Title	Authors	Journals	Year
1	A performance evaluation of Fe ₃ O ₄ /Au and γ -Fe ₂ O ₃ /Au core/shell magnetic nanoparticles in an electrochemical DNA bioassay	Mahmoudi-Badiki T., Alipour E., Hamishehkar H., Golabi S.M.	Journal of Electroanalytical Chemistry	2017
2	Dopamine-loaded liposome and its application in electrochemical DNA biosensor	Mahmoudi-Badiki T., Alipour E., Hamishehkar H., Golabi S.M.	Journal of Biomaterials Applications	2016
3	Effect of electrophoresis on the efficiency of graphite-nano-TiO ₂ modified silica sol-gel electrode	Hejazi M.S., Majidi M.R., Gholizadeh S., Hamidi-Asl E., Turner A.P.F., Golabi S.M.	Journal of Nanoscience and Nanotechnology	2015
4	A Genosensor for Point Mutation Detection of P53 Gene PCR Product Using Magnetic Particles	Hamidi-Asl E., Raouf J.B., Hejazi M.S., Sharifi S., Golabi S.M., Palchetti I., Mascini M.	Electroanalysis	2015
5	Biodegradation of para-amino acetanilide by Halomonas sp. TBZ3	Hajizadeh N., Heris Y.S., Vahed S.Z., Vallipour J., Hejazi M.A., Golabi S.M., Asadpour-Zeynali K., Hejazi M.S.	Jundishapur Journal of Microbiology	2015
6	Fe(III) reduction by halomonas sp. TBZ9 and maribobacter sp. TBZ23, isolated from urmia lake in Iran	Heris Y.S., Hajizadeh N., Vahed S.Z., Vallipour J., Hejazi M.A., Golabi S.M.,	Advances in Environmental Biology	2014

		Asadpour-Zeynali K., Hejazi M.S.		
7	A new peptide nucleotide acid biosensor for electrochemical detection of single nucleotide polymorphism in duplex DNA via triplex structure formation	Hamidi-Asl E., Raof J.B., Ojani R., Golabi S.M., Hejazi M.S.	Journal of the Iranian Chemical Society	2013
8	Simultaneous determination of dopamine and uric acid in biological samples on the pretreated pencil graphite electrode	Alipour E., Majidi M.R., Saadati A., Golabi S.M., Alizadeh A.M.	Electrochimica Acta	2013
9	Determination of uric acid in biological samples on the pretreated pencil graphite electrode	Alipour E., Majidi M.R., Saadati A., Golabi S.M.	Analytical Methods	2012
10	Preparation of an electrochemical PNA biosensor for detection of target DNA sequence and single nucleotide mutation on p53 tumor suppressor gene corresponding oligonucleotide	Raof J.B., Ojani R., Golabi S.M., Hamidi-Asl E., Hejazi M.S.	Sensors and Actuators, B: Chemical	2011
11	Electrochemical detection and discrimination of single copy gene target DNA in non-amplified genomic DNA	Alipour E., Pournaghi-Azar M.H., Parvizi M., Golabi S.M., Hejazi M.S.	Electrochimica Acta	2011
12	Brilliant cresyl blue as electroactive indicator in electrochemical DNA oligonucleotide sensors	Hejazi M.S., Raof J.-B., Ojani R., Golabi S.M., Asl E.H.	Bioelectrochemistry	2010
13	Electrocatalytic oxidation of methanol on a glassy carbon modified electrode by bis(1,2-phenylenediamine) nickel(II) complex	Nozad Golikand A., Golabi S.M., Ghannadi Maragheh M., Irannejad L., Asgari M.	Journal of the Iranian Chemical Society	2007
14	Electrochemical evaluation of coumestan modified carbon paste electrode: Study on its application as a NADH biosensor in presence of uric acid	Zare H.R., Nasirizadeh N., Golabi S.-M., Namazian M., Mazloun-Ardakani M., Nematollahi D.	Sensors and Actuators, B: Chemical	2006
15	Electrocatalytic oxidation of methanol on (Pb) lead modified by Pt, Pt-Ru and Pt-Sn microparticles dispersed into poly(o-phenylenediamine) film	Golikand A.N., Golabi S.M., Maragheh M.G., Irannejad L.	Journal of Power Sources	2005
16	Preparation and electrochemical study of fisetin modified glassy carbon electrode. Application to the determination of NADH and ascorbic acid	Golabi S.M., Irannejad L.	Electroanalysis	2005

17	Norepinephrine-modified glassy carbon electrode for the simultaneous determination of ascorbic acid and uric acid	Zare H.R., Memarzadeh F., Ardakani M.M., Namazian M., Golabi S.M.	Electrochimica Acta	2005
18	Voltammetric determination of lead(II) using chemically modified carbon paste electrode with bis[1-hydroxy-9,10-anthraquinone-2-methyl]sulfide	Rahmani A., Mousavi M.F., Golabi S.M., Shamsipur M., Sharghi H.	Chemia Analytyczna	2004
19	Electrocatalytic oxidation of methanol on a nickel-porphyrin IX complex modified glassy carbon electrode in alkaline medium	Golabi S.M., Nozad A.	Electroanalysis	2004
20	Electrocatalytic oxidation of hydrazine at epinephrine modified glassy carbon electrode (EPMGCE)	Golabi S.M., Mirzazadeh J.	Iranian Journal of Chemistry and Chemical Engineering	2003
21	Wire-coated silver(I) ion-selective electrode based on 2-mercaptobenzothiazole (MBT) ionophore: Application to the determination of silver in real samples	Golabi S.M., Mohammadi J.	Analytical Sciences	2003
22	Electrosynthesis of organic compounds. Part II: Electrooxidative amination of 1,4-dihydroxybenzene using some aliphatic amines	Golabi S.M., Nourmohammadi F., Saadnia A.	Journal of Electroanalytical Chemistry	2003
23	Electrocatalytic oxidation of methanol at lower potentials on glassy carbon electrode modified by platinum and platinum alloys incorporated in poly(o-aminophenol) film	Golabi S.M., Nozad A.	Electroanalysis	2003
24	Electrochemical synthesis of organic compounds: 1. Addition of sulfinic acids to electrochemically generated o- and p-benzoquinones	Nourmohammadi F., Golabi S.M., Saadnia A.	Journal of Electroanalytical Chemistry	2002
25	Electrochemistry and electrocatalytic activity of pyrocatechol violet (PCV) film on a glassy carbon electrode towards the oxidation of reduced nicotinamide adenine dinucleotide(NADH)	Golabi S.M., Zare H.R., Hamzehloo M.	Electroanalysis	2002
26	Electrocatalytic oxidation of methanol on electrodes modified by platinum microparticles dispersed into poly(o-phenylenediamine) film	Golabi S.M., Nozad A.	Journal of Electroanalytical Chemistry	2002

27	Electrochemical properties of modified carbon paste electrodes containing some amino derivatives of 9,10-anthraquinone	Shamsipur M., Salimi A., Golabi S.M., Sharghi H., Mousavi M.F.	Journal of Solid State Electrochemistry	2001
28	Differential pulse anodic stripping voltammetric determination of lead(II) with a 1,4-bis(prop-2'-enyloxy)-9,10-anthraquinone modified carbon paste electrode	Mousavi M.F., Rahmani A., Golabi S.M., Shamsipur M., Sharghi H.	Talanta	2001
29	Electrocatalytic oxidation of hydrazine at a pyrocatechol violet (PCV) chemically modified electrode	Golabi S.M., Zare H.R., Hamzehloo M.	Microchemical Journal	2001
30	Caffeic acid modified glassy carbon electrode for electrocatalytic oxidation of reduced nicotinamide adenine dinucleotide (NADH)	Zare H.R., Golabi S.M.	Journal of Solid State Electrochemistry	2000
31	Electrochemical behaviour of some new 3, 5-disubstituted isoxazoles in N,N-dimethylformamide	Edjlali L., Golabi S.M., Rastgar-Mirzaei Y.	Bulletin of Electrochemistry	2000
32	Electrochemical investigation of 1,4-dihydroxy-9,10-anthraquinone derivatives in acetonitrile	Rahmani A., Shargha H., Golabi S.M., Mousavi M.F.	Bulletin of Electrochemistry	2000
33	Investigation of the electro-methoxylation reaction: Part 1. Electrochemical study of 4-tert-butylcatechol and 3,4-dihydroxybenzaldehyde in methanol	Nematollahi D., Golabi S.M.	Journal of Electroanalytical Chemistry	2000
34	Nickel-induced substrate inhibition of bovine liver glutamate dehydrogenase	Ghobadi S., Nemat-Gorgani M., Golabi S.M., Zare H.R., Moosavi-Movahedi A.A.	Journal of Enzyme Inhibition	2000
35	Electrocatalytic oxidation of hydrazine at a chlorogenic acid (CGA) modified glassy carbon electrode	Golabi S.M., Zare H.R.	Journal of Electroanalytical Chemistry	1999
36	Electrocatalytic oxidation of reduced nicotinamide adenine dinucleotide (NADH) at a chlorogenic acid modified glassy carbon electrode	Zare H.R., Golabi S.M.	Journal of Electroanalytical Chemistry	1999
37	Electrocatalytic oxidation of hydrazine at glassy carbon electrode modified with electrodeposited film derived from caffeic acid	Golabi S.M., Zare H.R.	Electroanalysis	1999

38	Electrocatalytic reduction of dioxygen at the surface of glassy carbon electrodes modified by some anthraquinone substituted podands	Salimi A., Eshghi H., Sharghi H., Golabi S.M., Shamsipur M.	Electroanalysis	1999
39	Differential pulse polarographic determination of nifedipine and nitrendipine in biological media	Golabi S.M., Fazli M.	Journal de Pharmacie de Belgique	1998
40	Electrochemical studies of 1,8-dihydroxy-9,10-anthraquinone derivatives in acetonitrile	Salimi A., Tamaddon F., Sharghi H., Mousavi M.F., Golabi S.M., Shamsipur M.	Polish Journal of Chemistry	1998
41	Electrochemical study of 2,3-dihydroxybenzaldehyde in the presence of 4-hydroxycoumarin application to the electro-organic synthesis of new Coumestan derivative	Nematollahi D., Golabi S.M.	Bulletin of Electrochemistry	1998
42	Electrocatalytic oxidation of hydrazine at cobalt hexacyanoferrate-modified glassy carbon, Pt and Au electrodes	Golabi S.M., Noor-Mohammadi F.	Journal of Solid State Electrochemistry	1998
43	Electrochemical behaviour of plumbagin at solid electrodes in non-aqueous media	Raof J.B., Golabi S.M.	Bulletin of Electrochemistry	1997
44	Electrochemical study of 3,4-dihydroxybenzoic acid and 4-tert-butylcatechol in the presence of 4-hydroxycoumarin application to the electro-organic synthesis of coumestan derivatives	Golabi S.M., Nematollahi D.	Journal of Electroanalytical Chemistry	1997
45	Electrochemical study of catechol in ethanol: application to the electro-organic synthesis of 4,5-diethoxy-o-benzoquinone	Golabi S.M., Nematollahi D.	Bulletin of Electrochemistry	1997
46	Electrochemical study of catechol and some 3-substituted catechols in the presence of 4-hydroxy coumarin: Application to the electro-organic synthesis of new coumestan derivatives	Golabi S.M., Nematollahi D.	Journal of Electroanalytical Chemistry	1997
47	Catalysis of dioxygen reduction to hydrogen peroxide at the surface of carbon paste electrodes modified by 1,4-naphthoquinone and some of its derivatives	Golabi S.M., Raof J.B.	Journal of Electroanalytical Chemistry	1996

48	Electrochemical study of catechol and 4-methylcatechol in methanol. Application to the electro-organic synthesis of 4,5-dimethoxy- and 4-methoxy-5-methyl-o-benzoquinone	Nematollahi D., Golabi S.M.	Journal of Electroanalytical Chemistry	1996
49	Polarographic determination of mitoxantrone in pharmaceutical preparations and biological media	Golabi S.M., Hassan-Zadeh V.	Talanta	1996
50	Polarographic determination of doxorubicin and daunorubicin in pharmaceutical preparations and biological media	Golabi S.M., Nematollahi D.	Journal of Pharmaceutical and Biomedical Analysis	1992
51	Electrochemical behaviour of electroactive/conductive poly(α -naphthylamine) in aqueous media	Entezami A., Golabi S.M., Raof J.	Iranian journal of polymer science & technology	1992
52	Potentiometric titration of phenothiazine compounds in chloroform and its use in pharmaceutical analysis	Golabi S.M., Showkati-Shishevan M.	Talanta	1991
53	Polarographic determination of 9,10-anthraquinone and its 1,2- 1,4- and 1,8-dihydroxy derivatives in chloroform Application to the analysis of papers and black liquors	Pournaghi-Azar M.H., Golabi S.M.	Talanta	1988
54	Anodic differential pulse polarography of phenothiazines in chloroform. Application to the determination of phenothiazine derivatives in pharmaceutical preparations	Golabi S.M., Pournaghi-Azar M.H., Shabani M.B.	Journal de Pharmacie de Belgique	1988
55	Polarographic determination of vitamins K in chloroform: application to pharmaceutic products and food additives [Détermination polarographique des vitamines K dans le chloroforme: application aux produits pharmaceutiques et aux additifs alimentaires.]	Pournaghi-Azar M.H., Golabi S.M.	Journal de Pharmacie de Belgique	1987
56	Electrochemical behavior of p-benzoquinone, 2,3,5,6-tetrachloroquinone and 1,4-naphthoquinone in chloroform-I. In the absence of proton donors	Golabi S.M., Pournaghi M.H.	Electrochimica Acta	1987
57	Mise en evidence de deux nouveaux indicateurs acide-base dans l'acide acetique anhydre	Sarbar M., Golabi S.M., Pournaghi-Azar M.H.	Talanta	1986

تالیف و ترجمه کتب دانشگاهی

- 1. بیوشیمی و فیزیوپاتولوژی انعقاد خون**
تالیف سید مهدی گلابی و جواد بلورچیان
انتشارات جاویدان علمی -تهران- 1346
- 2. پیچیده ها در شیمی تجزیه**
نوشته آندره رینگبوم، ترجمه سید مهدی گلابی
انتشارات دانشگاه تبریز-1353
- 3. روشهای الکتروشیمیایی تجزیه**
نوشته دی. آر. براونینگ، ترجمه سید مهدی گلابی
انتشارات دانشگاه تبریز-1354
- 4. روشهای تجزیه نوین**
نوشته ای. اچ. هلام و دی. آر. بتریچ، ترجمه سید مهدی گلابی و سید واقف حسین
انتشارات دانشگاه تبریز-1356
- 5. اصول شیمی تجزیه ای، جلد اول**
تالیف سید مهدی گلابی و محمد حسین پورنقی آذر
انتشارات نوبل تبریز—1356 (چاپ دوم با تجدید نظر 1359، چاپ سوم 1369)
- 6. اصول شیمی تجزیه ای، جلد دوم**
تالیف سید مهدی گلابی و محمد حسین پورنقی آذر
انتشارات نوبل تبریز—1365 (چاپ دوم 1367)
- 7. الکتروشیمی تجزیه ای**
نوشته بی. واسوس و دبلیو. یوئینگ، ترجمه سید مهدی گلابی
انتشارات دانشگاه تبریز -1368

8. آمار برای شیمی تجزیه

نوشته جی.سی.میلر و جی.ان.میلر، ترجمه سید مهدی گلابی
انتشارات دانشگاه تبریز-1373

9. روش های دستگاهی در الکتروشیمی

نوشته ی گروه الکتروشیمی دانشگاه سوتمتون انگلستان
ترجمه سید مهدی گلابی و میر فضل ا..ه موسوی
انتشارات دانشگاه تربیت مدرس-1376

10. مقدمه بر الکتروشیمی تجزیه

تالیف سید مهدی گلابی
انتشارات ستوده تبریز- چاپ اول 1380، چاپ دوم 1382، چاپ سوم 1384، چاپ
چهارم 1386، چاپ پنجم 1388، چاپ ششم 1390، چاپ هفتم (ویرایش جدید)
1392، چاپ هشتم (ویرایش جدید) 1395.

11. حل المسائل مقدمه ای بر الکتروشیمی تجزیه

تالیف سید مهدی گلابی
انتشارات ستوده تبریز- چاپ اول 1383، چاپ دوم 1388

12. الکتروشیمی تجزیه

نوشته جوزف ونگ- ترجمه سید مهدی گلابی و میر رضا مجیدی
انتشارات دانشگاه تبریز- ویرایش اول 1380

13. الکتروشیمی تجزیه

نوشته جوزف ونگ- ترجمه سید مهدی گلابی و میر رضا مجیدی
انتشارات دانشگاه تبریز- ویرایش سوم 1385

14. آمار و کمومتریکس برای شیمی تجزیه

نوشته جی.سی.میلر و جی.ان.میلر، ترجمه سید مهدی گلابی

انتشارات دانشگاه تبریز- چاپ اول 1383، چاپ دوم 1385، چاپ سوم 1388، چاپ
چهارم 1394، چاپ پنجم 1398

15. مقدمه ای بر نانوفناوری

نوشته چالز پی.پل، جی آر و فرانک جی. آونس - ترجمه سید مهدی گلابی
انتشارات دانشگاه تبریز-1388

16. نانوماشین ها: اساس و کاربردها

نوشته جوزف ونگ - ترجمه سید مهدی گلابی
انتشارات دانشگاه تبریز-1396