Iskuhi Levon Aleksanyan

Research Center of Chemistry
Օրգանական քիմիայի լաբորատորիա
Senior researcher

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Education

Institution	Yerevan State University
Faculty	Faculty of Chemistry, Chair of Organic Chemistry
Date	1966 - 1971
Degree name	Qualified specialist

Scientific Rank/degree

Institution	Yerevan State University
Date	1985
Degree name	Candidate
Specialty	Chemical sciences
Scientific Supervisor	Liparit Gyulbudaghyan
Research Topic	Heterotricylic compounds based on 4-ox and 2-ox (Mercapto) C3 and N-Alilichinolin

Language skills

Հայերեն Deutsch Русский

Work experience

Institution	ЕГУ, кафедра органической химии, базовая лаборатория
Period of time	2004 till now
Rank/degree	Старший научный сотрудник

Institution	ЕГУ, кафедра органической химии
Period of time	1994 till now
Rank/degree	Доцент

Institution	ЕГУ, кафедра органической химии
Period of time	1991 - 1994
Rank/degree	Старший научный сотрудник

Institution	ЕГУ, кафедра органической химии

Period of time	1989 - 1991
Rank/degree	Научный сотрудник

Institution	ЕГУ, кафедра органической химии
Period of time	1983 - 1989
Rank/degree	Старший лаборант

Institution	ЕГУ, кафедра органической химии
Period of time	1974 - 1983
Rank/degree	Лаборант

Institution	Института органической химии ССР
Period of time	1971 - 1974
Rank/degree	Старший лаборант

Scientific interests

- Chemistry of functionally substituted quinolines. Synthesis of new biologically active heterocyclic systems on base of quinolines.

Membership

Institution	YSU, faculty of chemistry student scientific council consultant
Period of time	2017 till now

Institution	Chairman of the Tender Committee
Period of time	2010 till now

Institution	YSU, member of the scientific council of the Faculty of Chemistry
Period of time	2010 till now

State awards and honorary titles

2019 YSU Gold Medal

2014 ACKNOWLEDGMENT - For long-term impeccable service, achievements in the field of university education and science, contribution to the training of young professionals, and on the occasion of the 95th anniversary of the founding of YSU

1982 Badge of the inventor of the USSR

Publications

Article

Synthesis, theoretical and photophysical study of functionalized quinoline - Based schiff bases
Ashkhen L. Zatikyan, Karine R. Grigoryan, Hasmik A. Shilajyan, Lilit P. Hambardzumyan,

Iskuhi L. Aleksanyan
Journal of Molecular Structure 2026 144706

Article
Accessible Synthesis Methods and Physicochemical Properties of Quinoline-Derived Schiff Bases
L. P. Hambardzumyan, I. L. Aleqsanyan

Биоорганическая Химия (Russian Journal of Bioorganic Chemistry) 2025 266–272

Article
Synthesis of Quinolyl-Substituted Thiazolidines and Dihydrothiazoles Based on 2-{1-[2-Methyl-4-(methylsulfanyl)quinolin-3-yl]propan-2-ylidene}hydrazine-1-carbothioamides
I. L. Aleksanyan, L. P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2025 435-439

Article
Synthesis of Quinoline Derivatives of Ethyl 3-(4-Methyl-2-oxo-1,2-dihydroquinoline-3-yl)propanoates
I. L. Aleksanyan, L. P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2025 pp. 2147–2151

Article
Intramolecular Heterocyclization of Quinolyl-Substituted Carbothioamides to Functionalized 2,4-Dihydro-3H-1,2,4-triazoles and -1,3,4-thiadiazoles
I. L. Aleksanyan, L. P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2024 1022-1027

Article
Synthesis and Transformations of Novel Shiff Bases Derived from 1-[2-Methyl-4-(methylsulfanyl)quinolin-3-yl]propan-2-ones
I. L. Aleksanyan, L. P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2024 1585–1590

Article
N-(2-Aminophenyl)-2-methylquinolin-4-amine
I.L. Aleksanyan, L.P. Hambardzumayn

Հետերոցիկլիկ միացությունների սինթեզներ 2024 55-56

Article
Ethyl-4-(4,8-dimethylquinolin-2-ylamino)Benzoate
I.L. Aleksanyan, L.P. Hambardzumyan

Հետերոցիկլիկ միացությունների սինթեզներ 2024 57-58

Article
Methyl [(2-Methylquinolin-4-yl)sulfanyl] acetate hydrochloride
I.L. Aleksanyan, L.P. Hambardzumyan

Հետերոցիկլիկ միացությունների սինթեզներ 2024 59-60

Article

Synthesis, Photophysical Properties and Antioxidant Activity of Novel Quinoline Derivatives
Armen I. Martiryan, Gohar A. Shahinyan, Iskuhi L. Aleksanyan, Lilit P. Hambardzumyan

Journal of Fluorescence 2023 1-8

Article

ANTIMICROBIAL ACTIVITY OF QUINOLINE-BASED HYDROXYPHENYLAMINO AND CARBOXYPHENYLAMINO DERIVATIVES
L. P. HAMBARDZUMYAN, I. L. ALEKSANYAN

ԵՊՀ գիտական տեղեկագիր. Քիմիա և կենսաբանություն: 2023 301–312

Article

Spectroscopic analysis of 2-(5-mercapto-1,3,4-oxadiazol-2-yl)-6-methylquinolin-4-ol binding to blood plasma albumin
Karine R. Grigoryan, Hasmik A. Shilajyan, Ashkhen Zatikyan, Iskuhi Aleksanyan, Lilit Hambardzumyan

MONATSHEFTE FUR CHEMIE 2022 507-515

Article

FLUORESCENCE STUDIES ON THE BLOOD PLASMA ALBUMIN INTERACTION WITH 4-HYDROXY-2-METHYLQUINOLINE
K. R. GRIGORYAN, H. A. SHILAJYAN, I. L. ALEKSANYAN, L. P. HAMBARDZUMYAN, H. H. HOVHANNISYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2022 100-107

Article

Synthesis of Schiff Bases and Isoindolyl- and Thiazolyl-Substituted Quinolines from 6-Amino-2-methylquinolin-4-ol
I.L. Aleqsanyan, L.P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2022 1434-1437

Article

THE EFFECT OF DIMETHYLSULFOXIDE ON THE FLUORESCENCE PROPERTIES OF SOME 4-HYDROXYQUINOLINES
Karine R. Grigoryan, Hasmik A. Shilajyan, Iskuhi L. Aleksanyan, Zara L. Grigoryan,

Lilit P. Hambardzumyan
Proceedings of the YSU B: Chemical and Biological Sciences 2021 112-117

Article

Synthesis and Transformations of 4-[2-methyl-4-(methylsulfanyl)quinolin-3-yl]butan-2-ones Substituted in the Benzene Ring
I. L. Aleqsanyan, L. P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2021 1289–1294

Article

Synthesis of Hetarylquinolines Derived from 2-[(4-Methylquinolin-2-yl)sulfanyl]acetohydrazides Substituted in the Benzene Ring
Aleksanyan I.L., Hambardzumyan L.P.

Russian Journal of Organic Chemistry (Журнал органической химии) 2020 261–264

Article

Synthesis of Novel Combined Heterocyclic Systems Derived from 2-[(2-Methylquinolin4-

yl)sulfanyl]acetohydrazides Substituted in the Benzene Ring
Aleksanyan I.L., Hambardzumyan L.P.

Russian Journal of Organic Chemistry (Журнал органической химии) 2020 265–268

Article

Synthesis of Quinolinyl-Substituted Five-Membered Heterocycles and Schiff Bases from 2-(4-Hydroxy-2-methylquinolin-3-yl)acetohydrazide
Aleksanyan I.L., Hambardzumyan L.P.

Russian Journal of Organic Chemistry (Журнал органической химии) 2020 2114–2118

Article

Synthesis and Transformations of 4-Hydroxy-2-methylquinoline-6-carbohydrazide
I.L. Aleksanyan, L.P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2019 262-265

Article

Syntheses Based on 4-(2-Hydroxy-4-methylquinolin3-yl)butan-2-one Thiosemicarbazones
I.L. Aleksanyan, L.P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2019 399-401

Article

Synthesis of Hetarylquinolines from 2-{[(4-Methylquinolin- 2-yl)sulfanyl]acetyl}-N-phenylhydrazine-1-carbothioamides
I.L. Aleksanyan, L.P.Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2018 1402-1405

Article

Synthesis of hetarylquinolines Proceeding from 2-[(2-methylquinolin-4-yl)sulfanyl]acetohydrazide substituted in teh benzene ring
I.L. Aleksanyan, L.P. Hambardzumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2017 226-230

http://link.springer.com/journal/11178

Article

Synthesis of Hetarylquinolines from 4-(4-Hydroxy- 2-methylquinolin-3-yl)butan-2-one Thiosemicarbazones
I. L. Aleksanyan, L. P. Ambartsumyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2015 1046–1049

http://link.springer.com/journal/11178

Conference

Synthesis of substituted 3,4-diphenylthiazol-2(3H)--ylidene and 3-phenylthiazolidin-2-ylidenquinolines on the bases of corresponding phenylhydrazinecarbothioamide
I.L.Aleksanyan, L.P.Hambardzumyan

Conference

Fluorescence Study of 2-(5-Mercapto-1,3,4-oxadiazol-2-yl)-6-methylquinoline-4-ol binding to Bovine Serum Albumin
Grigoryan K.R., Shilajyan H.A., Aleqsanyan I.L., Hambardzumyan L.P., Hovhannisyan H.H.

Conference

FLUORESCENCE PROPERTIES OF 2-METHYLQUINOLIN-4-OL AND ITS MERCAPTO-OXADIAZOLYL DERIVATIVE IN DIMETHYLSULFOXIDE AQUEOUS SOLUTIONS

Hasmik Shilajyan, Karine Grigoryan, Iskuhy Aleksanyan, Zara Grigoryan, Lilit Hambardzumyan

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Conference

SYNTHESIS OF NOVEL HETEROCYCLIC SYSTEMS ON BASIS OF QUINOLINE HYDRAZINECARBOTHIOAMIDE

I.L. Aleksanyan, L.P. Hambarzumyan

Conference

SINTHESIS OF NEW CLASS OF OXADIAZOLES ON BASIS OF QUINOLINE ACETOHYDRAZIDES

I.L. Aleksanyan, L.P. Hambarzumyan

Conference

Synthesis of new series of heterocyclic compounds on the basis of quinoline substituted phenylhydrazinecarbothioamide

Iskuhi L. Aleksanyan, Lilit P. Hambardzumyan

Conference

Synthesis of new derivatives of quinolines fused with thiazolidinones and thiazolidines

Aleksanyan I.L, Hambardzumyan L.P.

Conference

Sinthesis of new class of hetarylquinolines on base of 4-hydroxy-2-methyl-6-ethoxycarbonylquinoline

Aleksanyan I.L., Hambardzumyan L.P.

Conference

PREPARATION AND CONVERSETION OF BENZ-SUBSTITUTED 4-[2-METHYL-4-(METHYLTHIO)QUINOLIN-3-YL]BUTAN-2-ONES

I.L. Aleksanyan, L.P. Hambardzumyan

Conference

PREPARATION AND CONVERSION OF 2-(4-HYDROXY-2-METHYLQUINOLIN-3-YL)ACETOHYDRAZIDE

I.L. Aleksanyan, L.P. Hambardzumyan

Conference

SYNTHESIS AND CONVERSIONS OF BENZ-SUBSTITUTED 4-[2-METHYL-4-(METHYLTIO)-QUINOLIN-3-YL]PROPAN-2-ONES

Aleksanyan I.L., Hambardzumyan L.P.

Conference

INTERACTIONS OF 6-AMINO-2-METHYLQUINOLIN-4-OL WITH SUBSTITUTED BENZALDEHYDES: A STUDY ON THE BIOPHYSICAL PROPERTIES OF THE RESULTING COMPOUNDS

Aleksanyan I.L., Hambardzumyan L.P.

Conference

PREPARATION OF NEW DERIVATIVES OF QUINOLINES FUSED WITH 1,2,4-TRIAZOLE-3-THIONES

AND 1,3,4-THIADIAZOLES.
Aleksanyan I.L., Hambardzumyan L.P

Conference

Synthesis of Quinoline-Based Schiff Bases as Multifunctional Fluorescent and Antioxidant Agents
I.L. Aleksanyan, L.P. Hambardzumyan

Conference

Quinoline–Heterocycle Hybrids Linked Benzo[d]imidazole, Benzo[d]oxazole, and Benzo[d]thiazole Rings: Synthesis Based on Benz-Substituted Ethyl Propanoate
Aleksanyan I.L., Hambardzumyan L.P.

Conference

Synthesis of Quinoline Derivatives Containing 1,3,4-Oxadiazole and 1,3- Dioxoisoindoline Rings Based on Quinoline-3-propionehydrazides
Aleksanyan I.L., Hambardzumyan L.P.
