Lilit Papin Hambardzumyan

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Education

Institution	Yerevan State University
Faculty	Faculty of Chemistry/Chair of Organic Chemistry
Date	2003 - 2006
Degree name	PhD student

Institution	Yerevan State University
Faculty	Faculty of Chemistry/Chair of Organic Chemistry
Date	2001 - 2003
Degree name	Masters

Institution	Yerevan State University
Faculty	Faculty of Chemistry
Date	1997 - 2001
Degree name	Bachelor

Scientific Rank/degree

Date	2010
Degree name	Candidate
Scientific Supervisor	Aleksanyan Iskuhi
Research Topic	Nucleophilic substitution reactions of 2-methyl-4 chloroquinolines

Language skills

Հայերեն English Русский

Work experience

Institution	YSU, Chair of Organic Chemistry
Period of time	2011 till now
Rank/degree	Researcher

Institution	YSU, Chair of Organic Chemistry
Period of time	2010 - 2017
Rank/degree	Laboratory Assistant

Institution	YSU, Idjevan Branch
Period of time	2005 - 2008
Rank/degree	Lecturer

Institution	YSU, Chair of Organic Chemistry
Period of time	2004 - 2011
Rank/degree	Junior Researcher

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

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 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 2025 pp. 2147–2151

Conference

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

2025 12 - 12

https://academicresearchlibrary.com/abstract-detail/3464

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.

2025 183 - 183

https://newtrendschem.org/wp-content/uploads/book-of-abstracts-21.11.pdf

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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.

2025 184 - 184

https://newtrendschem.org/wp-content/uploads/book-of-abstracts-21.11.pdf

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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 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 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

Conference

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

Aleksanyan I.L., Hambardzumyan L.P.

2023 104 - 104

https://newtrendschem.org/#:~:text=Dear%20participants!-,We%20are%20glad%20to%2...

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.

2023 168 - 168

https://newtrendschem.org/#:~:text=Dear%20participants!-,We%20are%20glad%20to%2...

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

2023 169 - 169

https://newtrendschem.org/#:~:text=Dear%20participants!-,We%20are%20glad%20to%2...

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 2022 1434-1437

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

2022 81-82

https://polychar-28.ysu.am/%D5%A3%D5%AC%D5%AD%D5%A1%D5%BE%D5%B8%D6%80/

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 2021 1289–1294

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.

2021 112-113

http://cluster.isc-ras.ru/

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 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 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 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 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 2019 399-401

Conference

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

I.L. Aleksanyan, L.P. Hambardzumyan

2019 89 - 89

Conference

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

I.L. Aleksanyan, L.P. Hambardzumyan

2019 90 - 90

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 2018 1402-1405

Conference

Synthesis of new derivatives of quinolines fused with thiazolidinones and thiazolidines

Aleksanyan I.L, Hambardzumyan L.P.

2018 PS148A

https://www.armchemfront.com/

Conference

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

Aleksanyan I.L., Hambardzumyan L.P.

2018 PS148B

https://www.armchemfront.com/

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 2017 226-230

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

Conference

SYNTHESIS OF NOVEL HETEROCYCLIC SYSTEMS ON BASIS OF QUINOLINE HYDRAZINECARBOTHIOAMIDE

I.L. Aleksanyan, L.P. Hambarzumyan

2017 89 - 89

https://www.sci.am/newsview.php?id=95&arch=0&langid=2

Conference

SINTHESIS OF NEW CLASS OF OXADIAZOLES ON BASIS OF QUINOLINE ACETOHYDRAZIDES

I.L. Aleksanyan, L.P. Hambarzumyan

2017 90 - 90

https://www.sci.am/newsview.php?id=95&arch=0&langid=2

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 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

2015 268

Conference

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

Iskuhi L. Aleksanyan, Lilit P. Hambardzumyan

2015 125 - 125

https://konferencii.ru/print/112185/en
