Marieta Zakaryan

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Faculty of Chemistry
Chair of Inorganic and Analytical Chemistry
Lecturer on an hourly basis

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Education

Institution	Yerevan State University
Faculty	Chemistry / Chemistry
Date	2016 - 2020
Degree name	PhD student

Institution	Yerevan State University
Faculty	Pharmacy and Chemistry / Chemistry
Date	2014 - 2016
Degree name	Masters

Institution	Yerevan State University
Faculty	Chemistry / Chemistry
Date	2010 - 2014
Degree name	Bachelor

Scientific Rank/degree

Institution	Institute of Chemical Physics after A.B. Nalbandyan
Date	2021
Degree name	Candidate
Scientific Supervisor	Suren Kharatyan
Research Topic	Magnesio-carbothermal reduction of oxygenous compounds of a number of metals in combustion mode and synthesis of W-Me (Cu, Ni, Ag) alloys

Language skills

Հայերեն Русский English

Work experience

Institution	Yerevan State University
Period of time	2026 till now
Rank/degree	researcher

Institution	A.B. Nalbandyan Institute of Chemical Physics
Period of time	2026 till now
Rank/degree	group leader

Institution	A.B. Nalbandyan Institute of Chemical Physics NAS RA
Period of time	2025 - 2026
Rank/degree	senior researcher

Institution	Yerevan State University
Period of time	2022 till now
Rank/degree	lecturer on an hourly-pay basis

Institution	A.B. Nalbandyan Institute of Chemical Physics NAS RA
Period of time	2021 - 2025
Rank/degree	researcher

Institution	University of Notre Dame
Period of time	2021 - 2021
Rank/degree	Postdoctoral Research Associate

Institution	"Hydrometeorology and Monitoring Center" SNCO of the Ministry of Environment RA
Period of time	2020 - 2021
Rank/degree	chief specialist / quality control officer, surface water quality monitoring service

Institution	American University of Armenia
Period of time	2017 - 2018
Rank/degree	teacher assistant

Institution	A.B. Nalbandyan Institute of Chemical Physics NAS RA
Period of time	2017 - 2021
Rank/degree	junior researcher

Institution	"Environmental Impact Monitoring Center" SNCO of the Ministry of Nature Protection RA
Period of time	2016 - 2020
Rank/degree	lead specialist in chromatographic analysis

Institution	A.B. Nalbandyan Institute of Chemical Physics NAS RA
Period of time	2013 - 2017

Rank/degree	laboratory assistant

Scientific interests

- Material science

Participation in international conferences and seminars

28/10/2026 - 29/10/2026	Symposium on Women in Chemistry The Hague Netherlands (the)
15/06/2026 - 19/06/2026	16h International Ceramics Congress of CIMTEC 2026 Perugia Italy
01/04/2026 - 15/06/2026	Professional training, Laboratory of High Performance Ceramics, Empa - Swiss Federal Laboratories for Materials Science and Technology Dupendorf Switzerland
21/09/2025 - 25/09/2025	New Emerging Trends in Chemistry Conference (NewTrendsChem-2025) Yerevan Armenia
24/06/2025 - 27/06/2025	4th Journal of Thermal Analysis and Calorimetry Conference (JTACC2025) Budapest Hungary
06/05/2025 - 08/05/2025	Modern Materials and Manufacturing (MMM2025) Tallinn Estonia
09/09/2024 - 13/09/2024	XVI International Symposium on Self-Propagating High Temperature Synthesis Yerevan Armenia
01/03/2024 - 31/05/2024	Professional training, Department of Physics and Astronomy, University of Notre Dame Notre Dame United States of America (the)
01/11/2023 - 04/11/2023	Academic Forum of Young Scientists from Greater Eurasia Countrie Moscow Russian Federation (the)

24/09/2023 - 28/09/2023	New Emerging Trends in Chemistry Conference (NewTrendsChem-2023) Yerevan Armenia
01/10/2022 - 15/11/2022	Academic Forum of Young Scientists from Greater Eurasia Countrie Moscow Estonia
20/06/2022 - 24/06/2022	15th International Ceramics Congress of CIMTEC 2022 Perugia Italy
07/10/2019 - 12/10/2019	VI Scientific Conference of Armenian Chemical Society Yerevan Armenia
16/09/2019 - 20/09/2019	XV International Symposium on Self-Propagating High Temperature Synthesis Moscow Russian Federation (the)
01/06/2019 - 31/08/2019	Professional training, Department of Physics, University of Notre Dame Notre Dame United States of America (the)
25/09/2018 - 29/09/2018	V International Conference Current Problems of Chemical Physics Yerevan Armenia
04/06/2018 - 08/06/2018	14th International Ceramics Congress of CIMTEC 2018 Perugia Italy
14/05/2018 - 18/05/2018	XIV International Symposium on Explosive Production of New Materials: Science, Technology, Business, and Innovations (EPNM-2018) St. Petersburg Russian Federation (the)
03/10/2017 - 07/10/2017	ArmCS-5: Actual Problems of Fundamental and Applied Chemistry Yerevan Armenia
25/09/2017 - 28/09/2017	XIV International Symposium on Self-Propagating High Temperature Synthesis Tbilisi Georgia
18/09/2016 - 21/09/2016	Chemistry Today-2016, 5th International Conference of Young Scientists Tbilisi

Georgia

05/10/2015 - 09/10/2015	IV International Conference “Current problems of Chemical Physics” Yerevan Armenia
16/06/2015 - 17/06/2015	Application of Modern Scientific Methods and Technologies in Expertise Sphere, International Conference Dedicated to 10th Anniversary of foundation of National Bureau of Expertises NAS RA Yerevan-Tsaghkadzor Armenia
18/08/2014 - 22/08/2014	Chemistry Today-2014, 4th International Conference of Young Scientists Yerevan Armenia

Membership

Institution	Member of the Scientific Council of the Institute of Chemical Physics
Period of time	2026 - 2026
Institution	Scientific Secretary of the Specialized Council 017 (02.00.04 Physical Chemistry)
Period of time	2025 - 2026
Institution	Member of the “Young Chemists’ Association” non-governmental organization
Period of time	2022 till now

Other information

The main areas of scientific interest include the synthesis, sintering, and investigation of high-entropy and refractory materials, ultra-high-temperature ceramic materials, and composites. Research focuses on the mechanisms and kinetics of physicochemical processes occurring during self-propagating high-temperature synthesis (SHS) and under rapid and non-isothermal heating conditions, as well as the synthesis of next-generation functional materials and the investigation of structure-property relationships.

Publications

Conference

Ligand-free Cu(0)-catalyzed S-arylation of 1,2,4-triazole-3-thioles.
Petrosyan A.V., Galstyan A.S., Zakaryan M.K., Kharatyan S.L., Ghochikyan T.V.

2022 225 - 225

http://conferencerudn.com/wp-content/uploads/2022/09/book-of-abstracts_2.0.pdf