

Narine Anzhelo (Angelo) Durgaryan

Faculty of Chemistry

Chair of Organic Chemistry

Head of the chair, professor

☎ 34-19
(060) 71-04-19

✉ n.durgaryan@ysu.am



Language skills

Հայերեն Русский English

Publications

Article

Synthesis and investigation of benzidine – aniline and benzidine – o-anisidine copolymers with PANi like structure

Sh. Vardanyan, P. Minasyan, G. Grigoryan, N.Durgaryan

European Polymer Journal 2025 1-10

Article

Synthesis and investigation of methyl and methoxy groups containing polyaniline derivatives in organic medium

N.A. Miraqyan, R.S. Durgaryan, N.A. Durgaryan

Polymer Bulletin 2024 .

Article

Synthesis and Investigation of Polymers Containing Different Ratio of Quinonediiminic and Benzenoid Units in PANi-Like Structure

Parandzem Minasyan, Svetlana Sargsyan, Narine Durgaryan, Liana Gabrielyan

ChemistrySelect 2024 e20240194

Article

CONDUCTIVE POLYMERS AS MATERIALS USED IN SENSORS FOR DETERMINATION OF IMPORTANT VOLATILE COMPOUNDS IN THE FIELD OF FOOD SAFETY

Mikael S. Torosyan, Narine A. Durgaryan

Proceedings of the YSU B: Chemical and Biological Sciences 2023 190-198

Article

SYNTHESIS OF ANILINE FRAGMENT CONTAINING POLIMERS LINKED WITH DIFFERENT GROUPS

N.A. DURGARYAN, M.S. TOROSYAN, N.SH. MARTIKYAN

Հայաստանի քիմիական հանդես 2023 279-288

Article

Chemical Oxidative Condensation of Benzidine in Non-Aqueous Medium: Synthesis and Investigation of Oligomers and Polymer with Benzidine Diimine Units

Narine Durgaryan, Ranush Durgaryan

Polymers MDPI 2022 34

Article

Reactions of Compounds Containing Benzoquinone-1,4-diimine Groups with Sulfuric Acid.

N.A. Durgaryan, A.A. Durgaryan, R.H. Arakelyan, N.A. Miraqyan

Russian Journal of General Chemistry (Журнал общей химии) 2021 1680-1686

Article

Study of the reaction of 1,4-benzoquinone with aniline oligomers and benzidine

N.A.Miraqyan, N.A.Durgaryan, P.G.Minasyan

Journal of Polymer Research 2020 1-9

Article

Investigation of addition reaction of sodium thiosulfate pentahydrate to quinonediimine groups

Nagharsh A. Miraqyan, Narine A. Durgaryan, Anjelo H. Durgaryan, Rima H. Arakelyan

Polymer Bulletin 2019 3929-3940

Article

Synthesis and investigation of poly(p-phenylenediamine)-poly(1,4-benzoquinonediimine-N,N-diyl-1,4-phenylene)

Nagharsh A. Miraqyan, Rima H. Arakelyan, Narine A. Durgaryan, Angelo H. Durgaryan

Chemical Papers 2018 1517-1524

<https://link.springer.com/article/10.1007/s11696-017-0378-2>

Article

New Syntheses of N,N'-Diaryl-Substituted Quinone Diimines: I. Synthesis of N,N'-Bis(4-aminophenyl)- 1,4-benzoquinone Diimine

A. A. Durgaryan, R.A.Arakelyan, N.A.Durgaryan, N. Sh. Martikyan

Russian Journal of Organic Chemistry (Журнал органической химии) 2017 955-958

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

Article

Synthesis of Polymers Containing Polyaniline Fragments Linked by 1,4-Benzoquinone Groups

A. A. Durgaryan,*, R.A.Arakelyan, N.A.Durgaryan

Russian Journal of Organic Chemistry (Журнал органической химии) 2017 145-150

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

Article

NH₂/NH₂ ծայրային խմբերով անիլինի տրիմերի ստացումը և դրա որոշ փոխարկումների ուսումնասիրությունը

Ջենմա Հարոյան, Նադարշ Միրաքյան, Նարինե Դուրգարյան

ԵՊՀ ՈՒԳԸ գիտական հոդվածների ժողովածու 2017 307-312

Article

Copolymerization of Aniline with P-Phenylenediamine in an Acetic Acid Medium

A. H. Durgaryan, N.A. Durgaryan, R. H. Arakelyan, N. A. Miraqyan

Chemical engineering of polymers. Production of functional and flexible materials 2016 3-4

<http://www.appleacademicpress.com/chemical-engineering-of-polymers-production-o...>

Manual

Կենսակտիվ պոլիմերներ

Conference

NEW SYNTHESSES AND REACTIONS OF SOME QUINONEDIIMINES

N.Durgaryan, N.Miraqyan, R.Araqelyan, A.Durgaryan

Conference

One step synthesis of oxidized form of NH₂/NH₂ capped aniline pentamer by oxidative condensation of p-phenylenediamine

N. Markikyan, N. Durgaryan, A. Durgaryan

Conference

SYNTHESSES OF NH₂ /NH₂ CAPPED ANILINE OLIGOMERS AND THEIR DERIVATIVES

N. Miraqyan, N.Martikyan, N.Durgaryan

Conference

GENERAL METHOD FOR AROMATIC IMINO GROUP CONTAINING POLYMERS SYNTHESSES.

Narine Durgaryan, H.S.Durgaryan, R.H.Arakelyan

Conference

INVESTIGATION OF THE REACTION OF POLY(1,4- BENZOQUINONEDIIMINE-N,N'-DIYL-1,4-PHENYLENE) WITH HYDRAZINE

N.A.Miraqyan, N.A.Durgaryan, A.H.Durgaryan

Conference

THE SELF CONDENSATION REACTION OF N,N' -BIS(4'-AMINOPHENYL)-1,4- BENZOQUINONE DIIMINE AND INVESTIGATION OF STRUCTURE AND ELECTRIC PROPERTIES OF SYNTHESIZED AND DOPED WITH IODINE COMPOUND

N.Sh.Martikyan, N.A.Durgaryan, A.A.Durgaryan

Conference

Reaction of 1,4-Benzoquinone with aniline oligomers and some aromatic diamines:Synthesis and investigation

Naghash Miraqyan, Parandzem Minasyan, Narine Durgaryan

Conference

Synthesis and investigation of polymers containing triazene group

Nune Martikyan, Hranush Durgaryan, Narine Durgaryan

Conference

Aromatic diamines as monomers for the synthesis of electroconductive polymers

Narine Durgaryan

Conference

SYNTHESIS AND STUDYING OF POLY(O-TOLUIDINE)

N.A. Miraqyan, N.A. Durgaryan

Conference

HETEROCYCLIC UNIT CONTAINING CONJUGATED ELECTROACTIVE POLYMERS, ON THE BASE OF P-,M-PHENYLENEDIAMINES

N.A.Durgaryan, P.G.Minasyan

Conference

POLYVINYL ALCOHOL-POLYETHYLENE GLYCOL-LACTIC ACID HYDROGELS FOR DRUGS CONTROLLED RELEASE

N. Durgaryan, N. Miraqyan

Conference

STUDYING OF OXIDATIVE POLYMERIZATION OF O-,M-ANISIDINES

N.A. Durgaryan, N.A. Miraqyan

Conference

Synthesis And Investigation Of Azo /Triazene Group Containing Conjugated Polymers

N. A. Durgaryan, Sh. Vardanyan

Conference

SYNTHESIS AND STUDY OF AZO GROUP CONTAINING POLYMERS

Shushanna Vardanyan, Narine Durgaryan, Juozas Gražulevičius

Conference

SYNTHESIS AND STUDY OF POLYMERS AND OLIGOMERS CONTAINING BENZTRIAZOLE MOIETY

Shushanna Vardanyan, Narine Durgaryan, Juozas Vidas Gražulevičius

Conference

Over 20% PCE perovskite solar cells with enhanced stability achieved by novel and low-cost organic hole-transporting materials

Narine Durgaryan, Ranush Durgaryan, Jurate Simokaitiene, Dmytro Volyniuk, Juozas Vidas Gražulevičius

Conference

PHENYL-PHENOXAZINE DERIVATIVES-CONTAINING CYANO GROUPS AS NEAR-INFRARED EMITTERS

Sh. Vardanyan, N. Durgaryan, S. Macionis, J. Simokaitiene, J. V. Gražulevičius
