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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

Conference

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

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

2024 38-38

<https://bps2024.ktu.edu/>

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

Conference

Synthesis And Investigation Of Azo /Triazene Group Containing Conjugated Polymers

N. A. Durgaryan, Sh. Vardanyan

2023 1

<https://conferences.coned.ncsu.edu/fpi15/program>

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

2023 1

<https://conferences.coned.ncsu.edu/fpi15/program/>

Conference

SYNTHESIS AND STUDY OF AZO GROUP CONTAINING POLYMERS

Shushanna Vardanyan, Narine Durgaryan, Juozas Gražulevičius

2023 52 - 52

<https://forms.office.com/pages/responsepage.aspx?id=RT1UKnKpdESdU9zxqX4WI4Dt72u...>

Conference

SYNTHESIS AND STUDY OF POLYMERS AND OLIGOMERS CONTAINING BENZTRIAZOLE MOIETY

Shushanna Vardanyan, Narine Durgaryan, Juozas Vidas Gražulevičius

2023 95 - 95

<https://advancedmaterials.ktu.edu/archive/amt-2023/>

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 2022 34

Conference

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

N. Durgaryan, N. Miraqyan

2022 55 - 56

<https://journals.4science.ge/index.php/ccw/issue/view/74>

Conference

STUDYING OF OXIDATIVE POLYMERIZATION OF O-,M-ANISIDINES

N.A. Durgaryan, N.A. Miraqyan

2022 76 - 77

<https://polychar-28.ysu.am/>

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 2021 1680–1686

Conference

SYNTHESIS AND STUDYING OF POLY(O-TOLUIDINE)

N.A. Miraqyan, N.A. Durgaryan

2021 70

<https://icsp7.tsu.ge/ge/home>

Conference

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

N.A.Durgaryan, P.G.Minasyan

2021 28

<https://icsp7.tsu.ge/ge/home>

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>

Conference

Reaction of 1.4-Benzoquinone with aniline oligomers and some aromatic diamines:Synthesis and investigation

Naghash Miraqyan, Parandzem Minasyan, Narine Durgaryan

2018 31

<http://www.polychar26.tsu.ge/>

Conference

Synthesis and investigation of polymers containing triazene group

Nune Martikyan, Hranush Durgaryan, Narine Durgaryan

2018 30

<http://www.polychar26.tsu.ge/>

Conference

Aromatic diamines as monomers for the synthesis of electroconductive polymers

Narine Durgaryan

2018 26

<http://www.polychar26.tsu.ge/>

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 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 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 ՌԻԳԸ գիտական հոդվածների ժողովածու 2017 307-312

Conference

GENERAL METHOD FOR AROMATIC IMINO GROUP CONTAINING POLYMERS SYNTHESSES.

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

2017 12

<http://www.icsp.tsu.ge/ge/home>

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

2017 102

<http://www.icsp.tsu.ge/ge/home>

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

2017 99

<http://www.icsp.tsu.ge/ge/home>

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...>

Conference

NEW SYNTHESSES AND REACTIONS OF SOME QUINONEDIIMINES

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

2016 60

Conference

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

N. Durgaryan, N. Markikyan, A. Durgaryan

2016 150

<http://apgip.org.ua/en/apgip-8-home/>

Conference

SYNTHESES OF NH₂ /NH₂ CAPPED ANILINE OLIGOMERS AND THEIR DERIVATIVES

N. Miraqyan, N.Durgaryan, N.Martikyan

2016 112

<http://conference.iice.ge/>

Study manual

Կենսակառիվ պոլիմերներ

Ն.Ա.Դուրգարյան

2016 90
