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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

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
Ջեմմա Հարոյան, Նաղարշ 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

Ն.Ա.Դուրգարյան
2016 90

Conference

NEW SYNTHESES 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

SYNTHESES OF NH2 /NH2 CAPPED ANILINE OLIGOMERS AND THEIR DERIVATIVES
N. Miraqyan, N.Martikyan, N.Durgaryan

Conference

GENERAL METHOD FOR AROMATIC IMINO GROUP CONTAINING POLYMERS SYNTHESES.
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

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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

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Conference

PHENYL-PHENOXAZINE DERIVATIVES-CONTAINING CYANO GROUPS AS NEAR-INFRARED EMITTERS
Sh. Vardanyan, N. Durgaryan, S. Macionis, J. Simokaitiene, J. V. Grazulevicius

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