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Language skills

English Русский Հայերեն

Publications

Article

Computational screening for novel solid-state electrolytes in Li3MX6 composition
Hayk A. Zakaryan, Olgert L. Dallakyan, Alexey P. Maltsev, Ilya V. Chepkasov, Misha A. Aghamalyan,

Areg A. Hunanyan, Nane Z. Petrosyan, Mikayel S. Chobanyan, Mikayel T. Sahakyan,

Luiza G. Khachatryan, Artem R. Oganov

Journal of Energy Chemistry 2026 495-504

Article

Computational Discovery of Li6PO5I: An Oxide Argyrodite for Solid-State Electrolytes
Nane Petrosyan, Areg Hunanyan, Olgert Dallakyan, Luiza Khachatryan, Mikayel Sahakyan,

Mikayel Chobanyan, Hayk Zakaryan

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https://pubs.acs.org/doi/10.1021/acsaem.5c03545

Article

Glaser Heterocoupling Reaction for the Synthesis of Enantiomerically Enriched Unnatural α-Amino Acids Incorporating Asymmetric Diyne Moieties: Mechanistic Insights and Optimization
Liana Hayriyan, Anna Tovmasyan, Anna Grigoryan, Karapet Ghazaryan, Barbara Biondi,

Olgert L. Dallakyan, Mikayel S. Chobanyan, Hayk Zaqaryan, Ashot Saghyan, Anna Mkrtchyan

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Synthesis and Evaluation of a Novel Potential Organocatalyst for the Aldol Reaction
Minasyan N.A., Petrosyan A.V., Dallakyan O.L., Galstyan A.S.

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Article

From a humorous post to a detailed quantum-chemical study: isocyanate synthesis revisited
Olgert L. Dallakyan, Oleg B. Beletsan, Igor Gordiy, Sergey S. Lunkov, Mikhail A. Kalinin,

Larisa E. Alkhimova, Egor A. Nosach, Egor A. Ilin, Alexandr V. Bespalov, Aleksandr A. Chamkin,

Ilya V. Prolomov, Radion A. Zaripov, Andrey A. Pershin, Bogdan O. Protsenko, Yury V. Rusalev,

Ruslan A. Oganov, Diana K. Kovaleva, Vladimir A. Mironov, Victor V. Dotsenko, Alexandr M. Genaev,

Dmitry I. Sharapa, Denis S. Tikhonov

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Article

Synthesis and evaluation of new mono- and binuclear salen complexes for the Cα-alkylation reaction of amino acid substrates as chiral phase transfer catalysts

Anahit M. Hovhannisyan, Anna S. Tovmasyan, Anna F. Mkrtchyan, Karapet R. Ghazaryan, Ela V. Minasyan, Olgert L. Dallakyan, Mikayel S. Chobanyan, Hayk Zakaryan, Giovanni N. Roviello, Ashot S. Saghyan

Molecular Catalysis 2024 114618