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Статья

Computational screening for novel solid-state electrolytes in Li3MX6 composition

Hayk A. Zakaryan, Olmert 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

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Computational Discovery of Li6PO5I: An Oxide Argyrodite for Solid-State Electrolytes

Nane Petrosyan, Areg Hunanyan, Olmert Dallakyan, Luiza Khachatryan, Mikayel Sahakyan, Mikayel Chobanyan, Hayk Zakaryan
ACS Applied Energy Materials 2026 1159-1167
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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, Olmert L. Dallakyan, Mikayel S. Chobanyan, Hayk Zaqaryan, Ashot Saghyan, Anna Mkrtchyan
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EFFECT OF CELLULOSE FUNCTIONALISED WITH PHOSPHORIC ACID ON THE SORPTION PROPERTIES OF SORBENTS BASED ON BENTONITE AND DIATOMITE

S. S. HAYRAPETYAN, M. S. HAYRAPETYAN, G. S. SIMONYAN, L. A. MARGARYAN, M. S. CHOBANYAN, H. G. KHACHATRYAN
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Synthesis and evaluation of new mono- and binuclear salen complexes for the α -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, Olmert L. Dallakyan, Mikayel S. Chobanyan, Hayk Zakaryan, Giovanni N. Roviello, Ashot S. Saghyan
Molecular Catalysis 2024 114618