

Избранные публикации официального оппонента

доктора химических наук **Кузнецова Александра Алексеевича**

по тематике защищаемой диссертации

1. Synthesis and properties of new thermosetting oligoimides containing terminal propargyl groups / V. Bochenkov, A. Ryzhkov, R. Shamsutdinova [et al.] // Russian Chemical Bulletin. – 2024. – V. 73. – № 9. – P. 2730-2739.
2. Solvent-free synthesis of thermoplastic polyetherimide based on 4-(3-aminophenoxy) phthalic acid / A. Kuznetsov, A.Y. Tsegelskaya, M. Piskarev [et al.] // Russian Chemical Bulletin. – 2022. – V. 71. – № 11. – P. 2525-2527.
3. Novel organo-soluble poly (ether imide) s based on diethyltoluenediamine: Synthesis, characterization and gas transport properties / A.M. Orlova, A.Y. Alentiev, T.I. Kolesnikov [et al.] // Polymer. – 2022. – V. 256. – P. 125258.
4. Synthesis of tetraarm stars with polyetherimide-polyether block copolymer arms / A. Soldatova, A.Y. Tsegelskaya, G. Semenova [et al.] // Russian Chemical Bulletin. – 2022. – V. 71. – № 4. – P. 777-786.
5. Synthesis of Aromatic Polyimides Based on 3, 4'-Oxydianiline by One-Pot Polycondensation in Molten Benzoic Acid and Their Application as Membrane Materials for Pervaporation / A.E. Soldatova, R.N. Shamsutdinova, T.V. Plisko [et al.] // Materials. – 2022. – V. 15. – № 19. – P. 6845.
6. Influence of dispersion conditions and nature of the emulsifier on the dispersity and stability of artificial polymer suspensions based on polyetherimide / A. Stuzhuk, I. Gritskova, P. Gorbatov [et al.] // Russian Chemical Bulletin. – 2022. – V. 71. – № 2. – P. 382-388.
7. Kinetic regularities of the synthesis of soluble polyimide by termal imidization of polyamic acid in solution / A. Ustimov, A.Y. Tsegelskaya, G. Semenova, A. Kuznetsov // Russian Chemical Bulletin. – 2022. – V. 71. – № 6. – P. 1284-1289.
8. Analysis of the kinetics of soluble polyimide formation by the thermal imidization of polyamic acids in amide solvents with allowance for the side reaction of anhydride group hydrolysis / A. Ustimov, A.Y. Tsegelskaya, G. Semenova, A. Kuznetsov // Russian Chemical Bulletin. – 2023. – V. 72. – № 7. – P. 1533-1541.
9. Влияние обработки сверхкритическим CO₂ на механические и газотранспортные характеристики полиимидов на основе изомеров диэтилтолуиленамина / А. Алентьев, С. Чирков, Р. Никифоров [и др.] // Мембраны и мембранные технологии. – 2022. – Т. 12. – № 1. – С. 3-14.
10. Кинетические закономерности синтеза растворимого полиимиды термической имидизацией в растворе / А. Устимов, А. Цегельская, Г. Семенова, А. Кузнецов // Известия Академии наук. Серия химическая. – № 6. – С. 1284-1289.