

Список основных публикаций Золотухиной Е.В. по теме диссертации за последние 5 лет

1. Gor'kov K. V., Talagaeva N.V., Kleinikova S. A., Dremova N.N., Vorotyntsev M.A., Zolotukhina E. V. Palladium-polypyrrole composites as prospective catalysts for formaldehyde electrooxidation in alkaline solutions // *Electrochimica Acta*. – 2020. – V.345. – P.136164 – 136174.
2. Istakova O.I., Konev D.V., Glazkov A.T., Medvedeva T.O., Zolotukhina E.V., Vorotyntsev M.A. Electrochemical synthesis of polypyrrole in powder form // *Journal of Solid State Electrochemistry*. – 2019. – V. 23 (1). – P. 251 – 258.
3. Dmitrieva M.V., Gerasimova E.V., Terent'ev A.A., Dobrovolskii, Y.A., Zolotukhina E.V. Electrochemical Peculiarities of Mediator-Assisted Bioelectrocatalytic Oxidation of Glucose by a New Type of Bioelectrocatalyst // *Russian Journal of Electrochemistry*. – 2019. – V. 55(9). – P. 889-899.
4. Gor'kov K. V., Talagaeva N. V., Hierso J. C., Bezverkhyy I. S., Pisareva P. A., Vorotyntsev M., Zolotukhina E. V. Pd-PPy Nanocomposite on the Surface of Carbon Nanotubes: Synthesis and Catalytic Activity. – *Surface Innovations*. – 2017. – V.5(3) – P. 1-20.
5. Nikitin O.M., Magdesieva T.V. Polyakova O.V., Sazonov P.K., Gor'kov K.V., Zolotukhina E.V., Vorotyntsev M.A. Electroactive Composite Pd–Polypyrrole and Its Catalytic Properties in the Reaction of Styryl Bromide Cyanation // *Russian Journal of Electrochemistry*. – 2018. – V. 54 (7) – P. 608-611.
6. Magdesieva T.V., Nikitin O.M., Polyakova O.V., Sazonov P.K., Zolotukhina E.V., Samarov A.V., Vorotyntsev M.A., Gor'kov K.V. Pd-polypyrrole nanocomposite in environmentally friendly synthesis of vinyl nitriles using $K_4Fe(CN)_6$ // *ChemistrySelect*. – 2018. – V. 3 (16). – P. 4237-4243.
7. Gryaznova T.V., Khrizanforov M.N., Kholin K.V., Vorotyntsev M.A., Gor'kov K.V., Talagaeva N.V., Dmitrieva M.V., Zolotukhina E.V., Budnikova Y.H. Palladium Nanoparticles–Polypyrrole Composite as Effective Catalyst for Fluoroalkylation of Alkenes // *Catalysis Letters*. – 2018. – V. 148 (10). – P. 3119 – 3125.
8. Talagaeva N. V., Zolotukhina E. V., Pisareva P.A., Vorotyntsev M.A. Nanostructured Prussian Blue-polypyrrole (PB/PPy) composite coatings with electrochromic properties // *Mendeleev Communications*. – 2016. – V. 26 (2) – P. 119-120.
9. Gor'kov K.V., Zolotukhina E.V., Mustafina E.R., Vorotyntsev M.A., Antipov E.M., Aldoshin S.M. Electrocatalytic activity of nanostructured palladium-polypyrrole composite in formaldehyde oxidation reaction // *Doklady Physical Chemistry*. – 2016. – V. 467 (1). – P. 37-40
10. Talagaeva N.V., Pisareva, P.A., Grebenko A.K., Vorotyntsev M.A., Zolotukhina E.V. The method of double cathodic-anodic potential (current) pulses for synthesis of composite coatings Prussian blue–polypyrrole on optically transparent electrodes. *Russian Journal of Electrochemistry*. – 2016. – V. 52(1). – P. 46 – 52.
11. Павлов В.И., Герасимова Е.В., Золотухина Е.В., Дон Г.М., Добровольский Ю.А., Ярославцев А.Б. Деградация Pt/C-электрокатализаторов с различной морфологией в низкотемпературных топливных элементах с полимерной мембраной // *Российские нанотехнологии*. – 2016. – Т. 11. – № 11-12. – С. 60.