

Список публикаций А.М. Скундина

1. Vladimir S. Bagotsky, Alexander M. Skundin, Yuriy M. Volfkovich. *Electrochemical Power Sources: Batteries, Fuel Cells, and Supercapacitors*. Wiley ISBN: 978-1-118-46023-8, 400 pages.
2. Stenina I.A., Kulova T.L., Skundin A.M., Yaroslavtsev A.B.. High grain boundary density $\text{Li}_4\text{Ti}_5\text{O}_{12}$ /anatase- TiO_2 nanocomposites as anode material for Li-ion batteries. – *Materials Research Bulletin*. – 2016. – V. 75. – P. 178–184
3. Chekannikov A., Novikova S., Kulova T., Skundin A., Yaroslavtsev A.. Electrochemical study of doped LiFePO_4 as a cathode material for lithium-ion battery. – *J. Electrochem. Sci. Eng.* – 2016. – V. 6. – No. 1. – P. 1–8.
4. Chekannikov A.A., Капаев R.R., Novikova S.A., Kulova T.L., Skundin A.M., Yaroslavtsev A.B.. Research of Lithium Iron Phosphate as Material of Positive Electrode of Lithium-Ion Battery – *Int // J. Electrochem. Sci.* – 2016. – V. 11. – P. 2219 – 2229
5. Кулова Т.Л., Скундин А.М. Высоковольтные материалы положительных электродов литий-ионных аккумуляторов (Обзор) // *Электрохимия*. – 2016. – Т. 52. – № 6. – С. 563–588.
[T.L.Kulova, A.M.Skundin. High voltage materials for positive electrodes of lithium-ion batteries (Review) – *Russian Journal of Electrochemistry*. 2016. V. 52. No. 6. P. 501–524]
6. Tatiana L. Kulova, Yulia M. Kreshchenova, Anna A. Kuz'mina, Alexander M. Skundin, Irina A. Stenina, and Andrey B. Yaroslavtsev. New high-capacity anode materials based on gallium-doped lithium titanate. – *Mendeleev Communications*. 2016. V. 26. No. 3. P. 238–239.
7. Gryzlov D., Novikova S., Kulova T., Skundin A., Yaroslavtsev A. Behavior of $\text{LiFePO}_4/\text{C}_{\text{PVDF}}/\text{Ag}$ -based cathode materials obtained using polyvinylidene fluoride as the carbon source. – *Materials and Design*. – 2016. – V. 104 No. – P. 95–101.
8. Stenina I. A., Sobolev A. N., Yaroslavtsev S. A., Rusakov V. S., Kulova T. L., Skundin A. M., Yaroslavtsev A. B.. Influence of iron doping on structure and electrochemical properties of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ // *Electrochimica Acta*. – 2016. – V. 219. – P. 524–530
9. Капаев R., Novikova S., Kulova T., Skundin A., Yaroslavtsev, A. Conductivity and electrochemical behavior of $\text{Li}_{1-x}\text{Fe}_{1-2x}(\text{M}^{\text{II}}\text{M}^{\text{III}})_x\text{PO}_4$ with olivine structure // *Journal of Solid State Electrochemistry*. – 2015. – V. 19. Issue 9. – P. 2793–2801.
10. А.Б.Ярославцев, Т.Л.Кулова, А.М.Скундин. Электродные наноматериалы для литий-ионных аккумуляторов – *Успехи химии*. 2015. Т. 84. № 8. С. 826-852.
[A B Yaroslavtsev, T L Kulova, A M Skundin. Electrode nanomaterials for lithium ion batteries – *Russian Chemical reviews*. 2015. V. 84. No. 8. P. 826–852]
11. Svitan'ko A.I., Novikova S. A., Kulova T. L., Skundin A. M., Yaroslavtsev A. B.. An improvement in ionic conductivity and electrochemical characteristics of LiFePO_4 by heterogeneous doping with NASICON-type phosphate // *Mendeleev Communications*. – 2015. – V. 25. – P. 207-208
12. Novikova S., Yaroslavtsev S., Rusakov V., Chekannikov A., Kulova T., Skundin A., Yaroslavtsev A. Behavior of $\text{LiFe}_{1-y}\text{Mn}_y\text{PO}_4/\text{C}$ cathode materials upon electrochemical lithium intercalation/deintercalation // *Journal of Power Sources*. – 2015. – V. 300. – P. 444-452.