

Список научных трудов Паршиной А.В. по теме диссертации за последние 5 лет

1. **Parshina A.V.**, Safronova E.Yu., Novikova S.A., Stretton N., Yelnikova A., Zhuchkov T.R., Bobreshova O.V., Yaroslavtsev A.B. Perfluorosulfonic acid membranes with short and long side chains and their use in sensors for the determination of markers of viral diseases in saliva // *Membranes*. 2023. V. 13 (8), Art. 701. <https://doi.org/10.3390/membranes13080701>
2. **Parshina A.**, Yelnikova A., Safronova E., Kolganova T., Bobreshova O., Yaroslavtsev A. Potentiometric sensor arrays based on hybrid PFSA/CNTs membranes for the analysis of UV-degraded drugs // *Polymers*. 2023. V. 15 (12). Art. 2682. <https://doi.org/10.3390/polym15122682>
3. **Parshina A.**, Yelnikova A., Kolganova T., Titova T., Yurova P., Stenina I., Bobreshova O., Yaroslavtsev A. Perfluorosulfonic acid membranes modified with polyaniline and hydrothermally treated for potentiometric sensor arrays for the analysis of combination drugs // *Membranes*. 2023. V. 13 (3). Art. 311. <https://doi.org/10.3390/membranes13030311>
4. Safronova E.Y., Voropaeva D.Y., Safronov D.V., Stretton N., **Parshina A.V.**, Yaroslavtsev A.B. Correlation between Nafion morphology in various dispersion liquids and properties of the cast membranes // *Membranes*. 2023. V. 13 (1). Art. 13. <https://doi.org/10.3390/membranes13010013>
5. **Паршина А.В.**, Сафронова Е.Ю., Ельникова А.С., Стреттон Н., Бобрешова О.В. О влиянии природы противоиона на свойства перфторсульфополимерных мембран с длинной и короткой боковой цепью // *Мембраны и мембранные технологии*. 2023. Т. 13 (5). С. 369-380. <https://doi.org/10.31857/S2218117223050061>
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nanotubes for potentiometric determination of alanine, valine, and phenylalanine in alkaline solutions // *Membranes and membrane technologies*. 2022. V. 4 (4). P. 215-222. <https://doi.org/10.1134/S25177516220400728>.

8. **Parshina A.**, Yelnikova A., Titova T., Kolganova T., Yurova P., Stenina I., Bobreshova O., Yaroslavtsev A. Multisensory systems based on perfluorosulfonic acid membranes modified with polyaniline and PEDOT for multicomponent analysis of sulfacetamide pharmaceuticals // *Polymers*. 2022. V. 14 (13). Art. 2545. <https://doi.org/10.3390/polym14132545>

9. Safronova E., **Parshina A.**, Kolganova T., Yelnikova A., Bobreshova O., Pourcelly G., Yaroslavtsev A. Potentiometric multisensory system based on perfluorosulfonic acid membranes and carbon nanotubes for sulfacetamide determination in pharmaceuticals // *Journal of electroanalytical chemistry*. 2020. V. 873. Art. 114435. <https://doi.org/10.1016/j.jelechem.2020.114435>

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