

เอกสารอ้างอิง

1. Bambagioni V., Bevilacqua M., Bianchini C., Filippi J., Marchionni A., Vizza F., Wang L.Q., Shen P.K. 2010. Ethylene glycol electrooxidation on smooth and nanostructured Pd electrodes in alkaline media. *Fuel Cells*. 4: 582-590.
2. Bert,P., Bianchini, C. 2004. Platinum – free electrode catalyst materials. World Intellectual Property Organization. IP.NO. WO 2004/036674.
3. Bert, P., Bianchini, C., Emiliani, C., Gi-Ambastiani, G., Santiccioli, S., Tanpucci, A., Vizza, F. 2008. Anodic catalysts consisting of noble metals spontaneously deposited onto nanostructured composed of transition metals, their synthesis and use in fuel cell. World Intellectual Property Organization. IP.NO. WO 2008/009742.
4. Cao,L., Sun, G., Li, H., Xin, Q. 2007. Carbon-supported IrSn catalysts for direct ethanol fuel cell. *Fuel cells Bulletin*. Nov: 12-16.
5. Fang J., Shen P.K. 2006. Quaternized poly(phthalazinon ether sulfone ketone) membrane for anion exchange membrane fuel cells. *Journal Membrane Science*. 285: 317.
6. Gamburgzev, S., Petrov, K., Appleby. 2002. Silver-carbon electrocatalyst for air cathodes in alkaline fuel cells. *Journal of Applied Electrochemistry*. 32: 805-809.
7. Geraldine, M., Matthias, W., Kitty, N. 2011. Review anion exchange membranes for alkaline fuel cells: A review, *Journal of Membrane Science*, 377: 1-35.
8. Jiujun, Z. PEM fuel cellelectrocatalysts and catalyst layers (fundamentals and application). Springer-Verlag, London Limited. 2008, 1137p.
9. Kallio, T., Jokela, K., Serimaa R., Ericson, H., Sundholm, G., Jacobsson, P., Sundholm, F., 2003. The effect of fuel cell test on the structure of radiation-grafted ion-exchange membranes based on different fluoropolymers. *Journal of Apply Electrochemistry*. 33: 505-514.
10. Litster S., McLean, G. 2004. Review PEM fuel cell electrodes. *Journal of Power Sources*. 130: 61-76.
11. Lu, S., Pan, J., Huang, A., Zhuang, L., Lu, J. 2008. Alkaline polymer electrolyte fuel cells completely free from noble metal catalysts. *PNAS*. 52. 105: 20611-20614.

12. Nakamura A. , Takahashi H. , Takeguchi T. , Yamanaka T. , Wang Q. , Uchimoto Y. , Ueda W. 2010. Nonprecious metal electrocatalysts for alkaline fuel cells. *ECS Transactions*. 28(8): 153-158.
13. Nakamura A. , Takahashi H. , Takeguchi T. , Yamanaka T. , Wang Q. , Uchimoto Y. , Ueda W. 2010. Nonprecious metal electrocatalysts for alkaline fuel cells. *ECS Transactions*. 33(1): 1817-1821.
14. Pan J., Lu S., Li Y., Huang A., Zhuang L. Lu J. 2010. High-performance alkaline polymer electrolyte for fuel cell applications. *Advanced Function Materials*. 20: 312-319.
15. Park, J.N., Lee, W.H., Kim, H., Kim, M.S., Sung, Y.E., Choi, J.H., Park, I.S., Nam, W.H. 2007. Ruthenium-Rhodium alloy electrode catalyst and fuel cell comprising the same. U.S. Patent, Patent NO: US 2007/0184332.
16. Park, N., Shiraishi, T., Kamisugi, K., Hara, Y., Iizuka, K., Kado, T., Hayase, S. 2008. NiCoFe/C cathode electrocatalysts for direct ethanol fuel cells. *Journal of Applied Electrochem*. 38: 371-375.
17. Park, J.S., Park, S.H., Yim, S.D., Yoon, Y.G., Lee, W.Y., Kim, C.S. 2008. Performance of solid alkaline fuel cells employing anion-exchange membranes. *Journal of Power Sources*. 178: 620-626.
18. Tianhong, L., Xuguang, L. 2006. Method of preparation of non-platinum composite electrocatalyst for cathode of fuel cell. U.S. Patent NO: US 7005401 B2.
19. Tsivadze, A. Yu., Tarasevich, M.R., Andrev, V.N., Bogdanovskaya, V.A. 2007. Prospects of low-temperature platinum-free fuel cell. *Russian Journal of General Chemistry*. 74(4): 783-789.
20. Wang, G., Weng, Y., Chu, D., Chen, R., Xie, D. 2009. Developing a polysulfone-based alkaline anion exchange membrane for improved ionic conductivity. *Journal of Membrane Science*. 332: 63-68