Finn Willy Poulsen - Research outputs - DTU Orbit (13/04/2019)


Thygesen A, Poulsen FW, Min B, Angelidaki I, Thomsen AB. Microbial fuel cells with acetate, glucose and xylose using humic acid as mediator. 2008. Poster session presented at International symposium on microbial fuel cells, State College, USA.


Poulsen FW. Methods and limitations in defect chemistry modelling. Roskilde, Denmark, 2007. 207 p. (Denmark. Forskningscenter Risoe. Risoe-R; No. 1590(EN)).


Hashimoto SI, Kammer Hansen K, Larsen PH, Poulsen FW, Mogensen MB. A study of Pr$_{0.7}$Sr$_{0.3}$Fe$_{1-x}$Ni$_x$O$_{3-\delta}$ as a cathode material for SOFCs with intermediate operating temperature. Solid State Ionics. 2005;176(11-12):1013-1020. https://doi.org/10.1016/j.ssi.2004.09.010


Hashimoto S, Kammer Hansen K, Larsen PH, Poulsen FW, Mogensen MB. A study of Pr0.7Sr0.3Fe1-xNixO3-δ as a cathode material for intermediate temperature operating SOFCs. In Extended abstracts. Tokyo: Solid Oxide Fuel Cell Society of Japan. 2004. p. 118-121


Poulsen FW. **Crystallographical aspects of high temperature fuel cell materials.** In Ståhl K, editor, Abstracts. Lyngby: Technical University of Denmark (DTU). 2002


Poulsen FW. **Fuel cells.** In Larsen H, Sønderberg Petersen L, editors, Risø energy report 1. New and emerging technologies - options for the future. 2002. p. 29-31. (Denmark. Forskningscenter Risoe. Risoe-R; No. 1351(EN)).

Poulsen FW. **Fuel cells.** 2002. Abstract from Seminar on environmental issues for cities of the EU candidate countries - energy workshop, Rise, Denmark.


Poulsen FW. **Mere om brændselsceller.** 2002. Abstract from Solceller og brændselsceller, Bjerringbro, Denmark.


Tao SW, Poulsen FW, Meng GY, Toft Sørensen O. High-temperature stability study of the oxygen-ion conductor La$_{0.9}$Sr$_{0.1}$Ga$_{0.8}$Mg$_{0.2}$O$_{3-x}$. Journal of Materials Chemistry. 2000;10:1829-1833.


Poulsen FW. **Speculations on the existence of hydride ions in proton conducting oxides.** 2000. Abstract from 10th International Conference on Solid State Protonic Conductors, Montpellier, France.


Phillips RJ, Bonanos N, Poulsen FW, Ahlgren EO. **Structural and electrical characterisation of SrCe0.5Y0.5O1.9.** Solid State Ionics. 1999;125(1-4):389-395. https://doi.org/10.1016/S0038-1101(99)00200-3


Poulsen FW. Hard and soft ions in SOFC materials. 1996. Abstract from Topical meeting on high temperature chemistry, Geilo (NO), 22 Mar, .


Kindermann L, Das D, Weiss R, Nickel H, Hilpert K, Poulsen FW. Chemical compatibility of (La0.6Ca0.4)xFe0.8M0.2O3 (x=1.0, 0.9; M=Cr, Mn, Co, Ni) with YSZ. 1995. Abstract from 4th International symposium on solid oxide fuel cells (SOFC-IV), Yokohama, Japan.


Ahlgren EO, Ranløv J, Poulsen FW. Thermoelectric power of ErAl(Mg)O3.5 and LaAl(Mg)O3.5. Journal of The Electrochemical Society. 1995;142:4230-4234.


Poulsen FW. Composite Li-conducting Solid Electrolytes. 1986. 94 p. (Risø-M; No. 2540).


