

Mihkel Vestli

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Operando high-temperature near-ambient pressure X-ray photoelectron spectroscopy and impedance spectroscopy study of $\text{Ni}_{1-x}\text{Ce}_x\text{O}_{3-\delta}$ protective layers deposited to $\text{BaY}_{0.1}\text{Ce}_{0.9}\text{O}_{3-\delta}$ membrane using ultrasonic spray pyrolysis and magnetron sputtering methods. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 25286-25298.	7.1	15
2	Operando NAP-HT-XPS and Impedance Spectroscopy Study of Pulsed Laser Deposited $\text{Ni-Ce}_{0.9}\text{Gd}_{0.1}\text{O}_{2-\delta}$ Solid Oxide Fuel Cell Electrode. <i>ECS Transactions</i> , 2019, 91, 555-561.	0.5	1
3	Development of Ceramic Materials and Application of Novel Physical Analysis Methods to Enhance Solid Oxide Fuel Cells and Solid Oxide Electrolysis Cells. <i>ECS Transactions</i> , 2017, 78, 3229-3236.	0.5	0
4	Comparative Study of $\text{BaY}_{0.1}\text{Zr}_{0.9}\text{O}_{3-\delta}$ Protective Layers Deposited to $\text{BaY}_{0.1}\text{Ce}_{0.9}\text{O}_{3-\delta}$ Membrane Using Ultrasonic Spray Pyrolysis and Magnetron Sputtering Methods. <i>Journal of the Electrochemical Society</i> , 2016, 163, F443-F447.	2.9	5
5	Characterization of Terbium and Samarium Co-Doped Ceria Films as SOFC Electrolyte Prepared by Using Ultrasonic Spray Pyrolysis Method. <i>ECS Transactions</i> , 2015, 68, 359-367.	0.5	1
6	Comparative Study of $\text{BaY}_{0.1}\text{Ce}_{0.9}\text{O}_{3-\delta}$ Membrane with $\text{BaY}_{0.1}\text{Zr}_{0.9}\text{O}_{3-\delta}$ Protective Layers Synthesized with Spray Pyrolysis and Magnetron Sputtering Methods. <i>ECS Transactions</i> , 2015, 68, 473-480.	0.5	0
7	Mobility of Sr in Gadolinia Doped Ceria SOFC Chemical Barrier Layers Prepared Using Spray Pyrolysis, Pulsed Laser Deposition and Magnetron Sputtering Methods. <i>ECS Transactions</i> , 2015, 68, 1757-1763.	0.5	2
8	Characterization of Terbium and Samarium Co-Doped Ceria Films Prepared Using Ultrasonic Spray Pyrolysis. <i>Journal of the Electrochemical Society</i> , 2015, 162, F812-F820.	2.9	4
9	Protective Yttrium Doped Barium Zirconate Layer on Yttrium Doped Barium Cerate Proton Conductive Membrane. <i>ECS Transactions</i> , 2013, 57, 1151-1157.	0.5	1
10	Characterization of Doped Ceria Films as SOFC Electrolyte Prepared by Using Ultrasonic Spray Pyrolysis Method. <i>ECS Transactions</i> , 2013, 57, 1159-1165.	0.5	1
11	Influence of Room Temperature Ionic Liquid Anion Chemical Composition and Electrical Charge Delocalization on the Supercapacitor Properties. <i>Journal of the Electrochemical Society</i> , 2012, 159, A944-A951.	2.9	85
12	Influence of Cathode Thickness on the Oxygen Reduction Kinetics at the Intermediate Temperature SOFC Cathodes. <i>ECS Transactions</i> , 2011, 35, 2349-2355.	0.5	2
13	Electrical Double Layer Capacitors Based on Two 1-Ethyl-3-Methylimidazolium Ionic Liquids with Different Anions. <i>Electrochemical and Solid-State Letters</i> , 2011, 14, A120.	2.2	52
14	Medium Temperature Solid Oxide Fuel Cells Based on Supporting Porous Anode and Bilayered Electrolyte. <i>ECS Transactions</i> , 2011, 35, 333-342.	0.5	0
15	Electrical Properties of Tb and Sm Co-Doped Ceria Electrolyte at Different Oxygen Partial Pressures. <i>ECS Transactions</i> , 2011, 35, 1219-1224.	0.5	1
16	Publisher's Note: Electrical Double Layer Capacitors Based on Two 1-Ethyl-3-methylimidazolium Ionic Liquids with Different Anions [<i>Electrochem. Solid-State Lett.</i> , 14, A120 (2011)]. <i>Electrochemical and Solid-State Letters</i> , 2011, 14, S7.	2.2	1