

Per Hjalmarsson

List of Publications by Year in descending order

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papers

588
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1040056

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731
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#	ARTICLE	IF	CITATIONS
1	Electrochemical performance and degradation of $(La_{0.6}Sr_{0.4})_{0.99}CoO_3$ as porous SOFC-cathode. <i>Solid State Ionics</i> , 2008, 179, 1422-1426.	2.7	119
2	Influence of the oxygen electrode and inter-diffusion barrier on the degradation of solid oxide electrolysis cells. <i>Journal of Power Sources</i> , 2013, 223, 349-357.	7.8	113
3	Durability of high performance Ni-yttria stabilized zirconia supported solid oxide electrolysis cells at high current density. <i>Journal of Power Sources</i> , 2014, 262, 316-322.	7.8	83
4	Durability of Solid Oxide Electrolysis Cells for Syngas Production. <i>Journal of the Electrochemical Society</i> , 2013, 160, F1074-F1080.	2.9	65
5	$La_{0.99}Co_{0.4}Ni_{0.6}O_{3-\delta}$ - $Ce_{0.8}Gd_{0.2}O_{1.95}$ as composite cathode for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2011, 196, 7237-7244.	7.8	64
6	Structural properties and electrochemical performance of strontium- and nickel-substituted lanthanum cobaltite. <i>Solid State Ionics</i> , 2008, 179, 636-646.	2.7	60
7	Electrochemical behaviour of $(La_{1-x}Sr_x)_sCo_{1-y}Ni_yO_3$ as porous SOFC cathodes. <i>Solid State Ionics</i> , 2009, 180, 1395-1405.	2.7	50
8	Performance and Durability of Solid Oxide Electrolysis Cells for Syngas Production. <i>ECS Transactions</i> , 2012, 41, 77-85.	0.5	15
9	Defect structure, electronic conductivity and expansion of properties of. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1853-1862.	2.9	13
10	Electrochemical performance and stability of nano-particulate and bi-continuous $La_{1-x}Sr_xCoO_3$ and $Ce_{0.9}Gd_{0.1}O_{1.95}$ composite electrodes. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2759-2766.	2.5	6