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List of Publications by Year
in descending order

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35 papers	413 citations	687220 13 h-index	794469 19 g-index
36 all docs	36 docs citations	36 times ranked	470 citing authors

#	Article	IF	Citations
1	Cold sintering-assisted densification of GDC electrolytes for SOFC applications. International Journal of Hydrogen Energy, 2022, 47, 19772-19779.	3.8	13
2	Effect of precursor solution parameters on the formation of yttria stabilized zirconia coatings on yttria stabilized bismuth oxide substrates. International Journal of Hydrogen Energy, 2021, 46, 13561-13571.	3.8	4
3	Surface Modification and the Long-Term Performance Stability of Ca Doped LaCoO3 SOFC Electrodes. ECS Transactions, 2021, 103, 1445-1451.	0.3	0
4	Formation, Performance, and Long-Term Stability of Nanostructured Ni-YSZ Thin Film Electrodes. ACS Applied Energy Materials, 2021, 4, 9046-9056.	2.5	3
5	Cold Sintering of Anode-Supported 8YSZ/NiO-8YSZ Bilayers for Solid Oxide Fuel Cells. ACS Applied Energy Materials, 2021, 4, 13748-13758.	2.5	4
6	Fabrication of LSCF and LSCF-GDC nanocomposite thin films using polymeric precursors. Ionics, 2020, 26, 913-925.	1.2	10
7	Sources of performance degradation in thin film La0.6Sr0.4FeO3 air electrodes. Solid State Ionics, 2020, 355, 115420.	1.3	6
8	Correlation of Phase, Microstructure and Surface Chemistry Evolution to the Long-Term Performance Stability of (La, Ca)CoO₃ SOFC Electrodes. Journal of the Electrochemical Society, 2020, 167, 124508.	1.3	8
9	Structural, Microstructural and Electrochemical Characterization of Ni-YSZ Anodes Fabricated from Pechini-Derived Composite Powders. Sakarya University Journal of Science, 2020, 24, 740-750.	0.3	1
10	Electrochemical performance of La0.6Sr0.4Co0.2Fe0.8O3â€“Ce0.9Gd0.1O2-Î´ composite SOFC cathodes fabricated by electrocatalyst and/or electrocatalyst-ionic conductor infiltration. Journal of Sol-Gel Science and Technology, 2019, 92, 45-56.	1.1	11
11	Impact of fabrication temperature on the stability of yttria doped bismuth oxide ceramics. Solid State Ionics, 2019, 338, 66-73.	1.3	20
12	Electrical properties of gadolinia doped ceria electrolytes fabricated by infiltration aided sintering. Solid State Ionics, 2019, 340, 115020.	1.3	9
13	Formation of Nanocomposite Solid Oxide Fuel Cell Cathodes by Preferential Clustering of Cations from a Single Polymeric Precursor. ACS Applied Materials & Interfaces, 2019, 11, 47904-47916.	4.0	9
14	Lowering the sintering temperature of solid oxide fuel cell electrolytes by infiltration. Journal of the European Ceramic Society, 2019, 39, 409-417.	2.8	14
15	GÃœMÃœÅž AKIM TOPLAYICI MÃœREKKEPLERÄ°NDE FRÄ°T BULUNMASININ KATI OKSÄ°T YAKIT HÃœCRESÄ° KATOTLARININ ELEKTROKÄ°MYASAL PERFORMANSINA ETKÄ°SÄ°. MÃ¼hendislik Bilimleri Ve TasarÄ±m Dergisi, 2019, 7, 796-802.	0.1	1
16	Performance Enhancement of La_{0.3}Ca_{0.7}Fe_{0.7}Cr_{0.3}O_{3-Î´}Air Electrodes by Infiltration Methods. Journal of the Electrochemical Society, 2017, 164, F3123-F3130.	1.3	15
17	Comparison of the Electrochemistry of Ni Thin Film and Ni-YSZ Composite Anodes Fabricated by Polymeric Precursor Deposition. Journal of the Electrochemical Society, 2016, 163, F1350-F1357.	1.3	5
18	Evaluation of MIEC Ce_{0.8}Y_{0.1}Mn_{0.1}O_{2-Î´}Anode in Electrolyte-Supported SOFC. Journal of the Electrochemical Society, 2016, 163, F3091-F3098.	1.3	2

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19	Highly active nanoscale Ni - Yttria stabilized zirconia anodes for micro-solid oxide fuel cell applications. Journal of Power Sources, 2016, 307, 449-453.	4.0	11
20	Sulfur Tolerance of La0.3M0.7Fe0.7Cr0.3O3 -Â (M= Sr, Ca) Solid Oxide Fuel Cell Anodes. ECS Transactions, 2015, 66, 219-228.	0.3	13
21	Stabilization of Ni-YSZ Nanocomposite Anodes by Deposition of a Thin YSZ Overlayer. ECS Transactions, 2015, 66, 267-274.	0.3	1
22	Effect of porous YSZ scaffold microstructure on the long-term performance of infiltrated Ni-YSZ anodes. Journal of Power Sources, 2015, 287, 349-358.	4.0	18
23	First-time electrical characterization of nanotubular ZrO₂ films for micro-solid oxide fuel cell applications. Nanoscale, 2015, 7, 8428-8437.	2.8	4
24	Electrochemistry of La_{0.3}Sr_{0.7}Fe_{0.7}Cr_{0.3}O_{3â^'Î´} as an oxygen and fuel electrode for RSOFCs. Faraday Discussions, 2015, 182, 159-175.	1.6	45
25	Stability and Performance of YSZ Infiltrated Platinum Electrodes for Sensors and Solid Oxide Cells. Materials Research Society Symposia Proceedings, 2013, 1542, 1.	0.1	0
26	Solid Oxide Fuel Cells with Symmetrical Pt-YSZ Electrodes Prepared by YSZ Infiltration. Journal of the Electrochemical Society, 2013, 160, F482-F486.	1.3	24
27	Optimization of Redox Stable Ni-YSZ Anodes for SOFCs by Two-Step Infiltration. Journal of the Electrochemical Society, 2012, 159, F841-F848.	1.3	20
28	Stability and Performance of Solid Oxide Fuel Cells with Nanocomposite Electrodes. Journal of the Electrochemical Society, 2012, 159, B666-B669.	1.3	28
29	Redox Stability of Ni-YSZ Cermets Prepared by Polymeric Precursor Infiltration. ECS Transactions, 2012, 45, 509-514.	0.3	10
30	Redox Stable Solid Oxide Fuel Cells with Ni-YSZ Cermet Anodes Prepared by Polymeric Precursor Infiltration. Journal of the Electrochemical Society, 2011, 159, B232-B234.	1.3	26
31	Efficient Cathodes for Solid Oxide Fuel Cells Prepared by Polymeric Precursor Infiltration. Journal of the Electrochemical Society, 2011, 159, B67-B71.	1.3	15
32	A Novel Label-Free Optical Biosensor Using Synthetic Oligonucleotides from E. coli O157:H7: Elementary Sensitivity Tests. Sensors, 2009, 9, 4890-4900.	2.1	34
33	Microstructural Study of Mn and Si Coâ€substituted Hydroxyapatite Thin Films Produced by a Solâ€“Gel Method. Advanced Engineering Materials, 2009, 11, B77.	1.6	9
34	Hydroxyapatite/Bioactive Glass Films Produced by a Solâ€“Gel Method: In Vitro Behavior. Advanced Engineering Materials, 2009, 11, B194.	1.6	14
35	Effects of Mg doping on solâ€“gel derived nanocrystalline hydroxyapatite thin films. Materials Science and Technology, 2009, 25, 799-804.	0.8	6