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List of Publications by Year
in descending order

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38 papers	290 citations	933447 10 h-index	1058476 14 g-index
38 all docs	38 docs citations	38 times ranked	221 citing authors

#	Article	IF	Citations
1	Addressing planar solid oxide cell degradation mechanisms: A critical review of selected components. Electrochemical Science Advances, 2022, 2, e2100024.	2.8	10
2	A Two-Step Approach to Tune the Micro and Nanoscale Morphology of Porous Niobium Oxide to Promote Osteointegration. Materials, 2022, 15, 473.	2.9	2
3	Characterization of a metallic interconnect operated in stack during 40,000 hours in SOFC mode. E3S Web of Conferences, 2022, 334, 06005.	0.5	1
4	Volatilization of chromium from AISI 441 stainless steel: Time and temperature dependence. Surface and Coatings Technology, 2022, 433, 128125.	4.8	10
5	Test and Modelling of Solid Oxide Fuel Cell Durability: A Focus on Interconnect Role on Global Degradation. Energies, 2022, 15, 2762.	3.1	4
6	Accelerated Stress Tests for Solid Oxide Cells via Artificial Aging of the Fuel Electrode. Energies, 2022, 15, 3287.	3.1	1
7	Investigation of a Metallic Interconnect Extracted from an SOFC Stack after 40,000 h of Operation. Energies, 2022, 15, 3548.	3.1	7
8	Structural vs. electrochemical investigation of niobium oxide layers anodically grown in a Ca and P containing electrolyte. Journal of Alloys and Compounds, 2021, 851, 156937.	5.5	11
9	On the High-Temperature Oxidation and Area Specific Resistance of New Commercial Ferritic Stainless Steels. Metals, 2021, 11, 405.	2.3	11
10	Characterization of metallic interconnects extracted from Solid Oxide Fuel Cell stacks operated up to 20,000Âh in real life conditions: The fuel side. International Journal of Hydrogen Energy, 2021, 46, 23815-23827.	7.1	8
11	Light scattering approach to the in situ measurement of polymer crystallization during <scp>3D</scp> printing: A feasibility study. Polymer Crystallization, 2021, 4, e10182.	0.8	1
12	Redox-Cycling â€“ A Tool for Artificial Electrochemical Aging of Solid Oxide Cells. ECS Transactions, 2021, 103, 1137-1149.	0.5	4
13	Wear and Corrosion Resistance of AlSi10Mgâ€“CPâ€“Ti Metalâ€“Metal Composite Materials Produced by Electro-Sinter-Forging. Materials, 2021, 14, 6761.	2.9	2
14	Characterization of Glass-Ceramic Sealant for Solid Oxide Fuel Cells at Operating Conditions by Electrochemical Impedance Spectroscopy. Materials, 2020, 13, 4702.	2.9	7
15	Fused Deposition Modeling of Polyamides: Crystallization and Weld Formation. Polymers, 2020, 12, 2980.	4.5	10
16	Characterization of Metallic Interconnects Extracted from Solid Oxide Fuel Cell Stacks Operated up to 20,000 h in Real Life Conditions: The Air Side. Energies, 2020, 13, 6487.	3.1	12
17	Solid Oxide Fuel Cell Performance Analysis through Local Modelling. Catalysts, 2020, 10, 519.	3.5	15
18	Residual alignment and its effect on weld strength in material-extrusion 3D-printing of polylactic acid. Additive Manufacturing, 2020, 36, 101415.	3.0	23

#	Article	IF	Citations
19	Corrosion of the Filled Skutterudite Sm0.1(Fe0.45Ni0.55)4Sb12 by NaCl Solutions: An Electrochemical Study. Journal of Electronic Materials, 2020, 49, 2872-2880.	2.2	7
20	Structural Properties and Thermoelectric Performance of the Double-Filled Skutterudite (Sm,Gd)y(FexNi1-x)4Sb12. Materials, 2019, 12, 2451.	2.9	15
21	Dezincification inhibition of a food processing brass OT60 in presence of Pseudomonas fluorescens. Corrosion Science, 2019, 157, 370-381.	6.6	11
22	Effect of electrical current on the oxidation behavior of electroless nickel-plated ferritic stainless steel in solid oxide fuel cell operating conditions. International Journal of Hydrogen Energy, 2018, 43, 426-434.	7.1	11
23	Effect of Pseudomonas fluorescens on the electrochemical behaviour of a single-phase Cu-Sn modern bronze. Corrosion Science, 2018, 139, 227-234.	6.6	13
24	Influence of Surface Finishing on High-Temperature Oxidation of AISI Type 444 Ferritic Stainless Steel Used in SOFC Stacks. Acta Metallurgica Sinica (English Letters), 2017, 30, 697-711.	2.9	11
25	LaNi0.6Fe0.4O3as Cathode Contacting Material: Effect on Anode Supported Cell Performances. ECS Transactions, 2017, 78, 1689-1699.	0.5	3
26	Effect of YSZ Coatings as Diffusion Barrier between Glass Sealing and Steel. ECS Transactions, 2017, 78, 1749-1758.	0.5	3
27	Parametrical Coordinates and Microsamples to Investigate Real SOFCs in Operating Stacks. ECS Transactions, 2017, 78, 2087-2098.	0.5	2
28	Differential Resistance Analysis â€“ a New Tool for Evaluation of Solid Oxide Fuel Cells Degradation. MRS Advances, 2017, 2, 3991-4003.	0.9	8
29	LaNi0.6Fe0.4O3 as Cathode Contacting Material: Effect on Anode Supported Cell Performances. ECS Meeting Abstracts, 2017, , .	0.0	0
30	Effect of YSZ Coatings as Diffusion Barrier between Glass Sealing and Steel. ECS Meeting Abstracts, 2017, , .	0.0	0
31	Effect of Cathode Contacting on Anode Supported Cell Performances. Journal of the Electrochemical Society, 2016, 163, F872-F876.	2.9	9
32	Microstructural and Electrical Characterization of Plasma Sprayed Cuâ€Mn Oxide Spinels as Coating on Metallic Interconnects for Stacking Solid Oxide Fuel Cells. Fuel Cells, 2015, 15, 728-734.	2.4	17
33	K44M ferritic stainless steel as possible interconnect material for SOFC stack operating at 600ÂÂ°C: Characterization of the oxidation behaviour at early working stages. International Journal of Hydrogen Energy, 2015, 40, 3726-3738.	7.1	16
34	Interaction between Crofer 22 APU Current Collector and LSCF Cathode Contacting Layer under Cell Operation. ECS Transactions, 2015, 68, 1633-1640.	0.5	7
35	Effect of Cathode Contacting on Anode Supported Cell Performances and Degradation. ECS Transactions, 2015, 68, 2429-2439.	0.5	2
36	Ageing of Materials at Inlet and Outlet Fuel Manifolds in a SOFC Stack. ECS Transactions, 2015, 68, 2611-2624.	0.5	7

#	Article	IF	Citations
37	High-Temperature Oxidation of AISI441 Ferritic Stainless Steel for Solid Oxide Fuel Cells. Materials Science Forum, 0, 1016, 1381-1385.	0.3	4
38	A Novel Method for Evaluation of Chromium Evaporation from Solid Oxide Fuel Cells Interconnects: A Feasibility Study. Materials Science Forum, 0, 1016, 1109-1113.	0.3	5