

Roberta Amendola

List of Publications by Year in descending order

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8
papers

136
citations

1684188

5
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Interconnect materials for next-generation solid oxide fuel cells. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 545-551.	2.9	40
2	Oxidation behavior of coated and preoxidized ferritic steel in single and dual atmosphere exposures at 800°C. <i>Surface and Coatings Technology</i> , 2012, 206, 2173-2180.	4.8	35
3	High-Temperature, Dual-Atmosphere Corrosion of Solid-Oxide Fuel Cell Interconnects. <i>Jom</i> , 2012, 64, 1470-1476.	1.9	23
4	High-temperature (800°C) dual atmosphere corrosion of electroless nickel-plated ferritic stainless steel. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 15746-15753.	7.1	22
5	Effect of electrical current on the oxidation behavior of electroless nickel-plated ferritic stainless steel in solid oxide fuel cell operating conditions. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 426-434.	7.1	11
6	Reduction kinetics of undoped and aluminum titanate (Al ₂ TiO ₅) doped NiO-YSZ solid oxide fuel cell anodes. <i>Ceramics International</i> , 2018, 44, 15557-15564.	4.8	5
7	Interactions between Metallic Interconnects and Ceramic Electrodes in SOFC Operating Environments. <i>ECS Transactions</i> , 2012, 41, 137-145.	0.5	0
8	Effect of aluminum titanate on the fracture mechanism of the nickel-zirconia system under uniaxial and biaxial strength testing conditions. <i>Materialia</i> , 2019, 7, 100401.	2.7	0