

Antonino Salvatore Arico'

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

8,755
citations

840776

11
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

13808
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured materials for advanced energy conversion and storage devices. <i>Nature Materials</i> , 2005, 4, 366-377.	27.5	8,114
2	Enhanced performance and durability of low catalyst loading PEM water electrolyser based on a short-side chain perfluorosulfonic ionomer. <i>Applied Energy</i> , 2017, 192, 477-489.	10.1	138
3	New insights into the stability of a high performance nanostructured catalyst for sustainable water electrolysis. <i>Nano Energy</i> , 2017, 40, 618-632.	16.0	112
4	Enhanced oxygen reduction activity and durability of Pt catalysts supported on carbon nanofibers. <i>Applied Catalysis B: Environmental</i> , 2012, 115-116, 269-275.	20.2	109
5	A combination of CoO and Co nanoparticles supported on electrospun carbon nanofibers as highly stable air electrodes. <i>Journal of Power Sources</i> , 2017, 364, 101-109.	7.8	60
6	Surface Properties of Pt and PtCo Electrocatalysts and Their Influence on the Performance and Degradation of High-Temperature Polymer Electrolyte Fuel Cells. <i>Journal of Physical Chemistry C</i> , 2010, 114, 15823-15836.	3.1	57
7	Electrochemical investigation of a propane-fed solid oxide fuel cell based on a composite Ni ²⁺ -perovskite anode catalyst. <i>Applied Catalysis B: Environmental</i> , 2009, 89, 49-57.	20.2	38
8	EDTA-derived Co N C and Fe N C electro-catalysts for the oxygen reduction reaction in acid environment. <i>Renewable Energy</i> , 2018, 120, 342-349.	8.9	35
9	Towards new generation fuel cell electrocatalysts based on xerogel ²⁺ -nanofiber carbon composites. <i>Journal of Materials Chemistry A</i> , 2014, 2, 13713.	10.3	33
10	High performance solid-state iron-air rechargeable ceramic battery operating at intermediate temperatures (500 ²⁺ -650 ²⁺ °C). <i>Applied Energy</i> , 2019, 233-234, 386-394.	10.1	28
11	Durability of a recombination catalyst-based membrane-electrode assembly for electrolysis operation at high current density. <i>Applied Energy</i> , 2020, 279, 115809.	10.1	25
12	High Temperature Operation of a Solid Polymer Electrolyte Fuel Cell Stack Based on a New Ionomer Membrane. <i>ECS Transactions</i> , 2009, 25, 1999-2007.	0.5	5