

Foteini M Sapountzi

List of Publications by Year in descending order

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27
papers

1,280
citations

516710

16
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1639
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrocatalysts for the generation of hydrogen, oxygen and synthesis gas. <i>Progress in Energy and Combustion Science</i> , 2017, 58, 1-35.	31.2	506
2	Ionically Conducting Ceramics as Active Catalyst Supports. <i>Chemical Reviews</i> , 2013, 113, 8192-8260.	47.7	201
3	Electrochemical reforming of ethanol in water solutions for pure H ₂ production in a PEM electrolysis cell. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 9504-9513.	7.1	114
4	NiP ₂ : A Story of Two Divergent Polymorphic Multifunctional Materials. <i>Chemistry of Materials</i> , 2019, 31, 3407-3418.	6.7	52
5	Applications of yttria stabilized zirconia (YSZ) in catalysis. <i>Catalysis Science and Technology</i> , 2015, 5, 4884-4900.	4.1	49
6	Hydrogen from electrochemical reforming of C ₁ -C ₃ alcohols using proton conducting membranes. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 10762-10774.	7.1	45
7	Low Temperature Toluene Oxidation Over Pt Nanoparticles Supported on Yttria Stabilized-Zirconia. <i>Catalysis Letters</i> , 2013, 143, 996-1002.	2.6	36
8	Isotopical labeling mechanistic studies of electrochemical promotion of propane combustion on Pt/YSZ. <i>Electrochemistry Communications</i> , 2013, 26, 13-16.	4.7	30
9	Electrochemical promotion of CO oxidation on Pt/YSZ: The effect of catalyst potential on the induction of highly active stationary and oscillatory states. <i>Catalysis Today</i> , 2009, 146, 351-358.	4.4	23
10	Role of Lattice Oxygen in the Propane Combustion Over Pt/Yttria-Stabilized Zirconia : Isotopic Studies. <i>Topics in Catalysis</i> , 2014, 57, 1277-1286.	2.8	22
11	FeP Nanocatalyst with Preferential [010] Orientation Boosts the Hydrogen Evolution Reaction in Polymer-Electrolyte Membrane Electrolyzer. <i>Energy & Fuels</i> , 2020, 34, 6423-6429.	5.1	21
12	The role of TiO ₂ layers deposited on YSZ on the electrochemical promotion of C ₂ H ₄ oxidation on Pt. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 1859-1865.	2.9	19
13	Electrochemical promotion of methane oxidation on Pd catalyst-electrodes deposited on Y ₂ O ₃ -stabilized-ZrO ₂ . <i>Applied Catalysis B: Environmental</i> , 2012, 128, 48-54.	20.2	19
14	Electrocatalysis and electrochemical promotion of CO oxidation in PEM fuel cells: the role of oxygen crossover. <i>Topics in Catalysis</i> , 2007, 44, 461-468.	2.8	18
15	Electrochemical performance of La _{0.75} Sr _{0.25} Cr _{0.9} Mn _{0.1} O ₃ perovskites as SOFC anodes in CO/CO ₂ mixtures. <i>Journal of Applied Electrochemistry</i> , 2012, 42, 727-735.	2.9	18
16	Sulphur tolerance of Au-modified Ni/GDC during catalytic methane steam reforming. <i>Catalysis Science and Technology</i> , 2018, 8, 1578-1588.	4.1	18
17	Methanol reformat treatment in a PEM fuel cell-reactor. <i>Catalysis Today</i> , 2007, 127, 295-303.	4.4	16
18	Methane oxidation on Pd/YSZ by electrochemical promotion. <i>Solid State Ionics</i> , 2012, 225, 376-381.	2.7	14

#	ARTICLE	IF	CITATIONS
19	Triode fuel cells. <i>Solid State Ionics</i> , 2006, 177, 2023-2027.	2.7	11
20	Enhanced performance of CO poisoned proton exchange membrane fuel cells via triode operation. <i>Electrochimica Acta</i> , 2011, 56, 6966-6975.	5.2	9
21	Electrochemical promotion of CO conversion to CO ₂ in PEM fuel cell PROX reactor. <i>Catalysis Today</i> , 2009, 146, 319-325.	4.4	8
22	Investigation of the Electrochemical Promotion of Catalysis origins on electrochemical catalysts with oxygen ion conductive supports: Isotopic labeling mechanistic studies. <i>Solid State Ionics</i> , 2014, 262, 257-261.	2.7	8
23	Triode operation for enhancing the performance of H ₂ S-poisoned SOFCs operated under CH ₄ –H ₂ O mixtures. <i>Solid State Ionics</i> , 2015, 277, 65-71.	2.7	8
24	Overpotential analysis of alkaline and acidic alcohol electrolyzers and optimized membrane-electrode assemblies. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 10163-10173.	7.1	5
25	Triode operation of CO poisoned PEM fuel cells: Fixed and cyclic potential triode operation. <i>Solid State Ionics</i> , 2012, 225, 272-276.	2.7	4
26	Electrochemical promotion of propane oxidation on Pt deposited on a dense γ -Al ₂ O ₃ ceramic Ag ⁺ conductor. <i>Frontiers in Chemistry</i> , 2013, 1, 13.	3.6	4
27	Copper dendrite stabilized NiFe(OH) _x electrocatalyst for durable alkaline hydrogen evolution over 1000 h. <i>Chemical Communications</i> , 2022, 58, 6024-6027.	4.1	2