

# 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	Copper dendrite stabilized NiFe(OH) <sub>x</sub> electrocatalyst for durable alkaline hydrogen evolution over 1000 h. <i>Chemical Communications</i> , 2022, 58, 6024-6027.	4.1	2
2	FeP Nanocatalyst with Preferential [010] Orientation Boosts the Hydrogen Evolution Reaction in Polymer-Electrolyte Membrane Electrolyzer. <i>Energy &amp; Fuels</i> , 2020, 34, 6423-6429.	5.1	21
3	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
4	NiP <sub>2</sub> : A Story of Two Divergent Polymorphic Multifunctional Materials. <i>Chemistry of Materials</i> , 2019, 31, 3407-3418.	6.7	52
5	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
6	Hydrogen from electrochemical reforming of C1-C3 alcohols using proton conducting membranes. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 10762-10774.	7.1	45
7	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
8	Triode operation for enhancing the performance of H <sub>2</sub> S-poisoned SOFCs operated under CH <sub>4</sub> -H <sub>2</sub> O mixtures. <i>Solid State Ionics</i> , 2015, 277, 65-71.	2.7	8
9	Applications of yttria stabilized zirconia (YSZ) in catalysis. <i>Catalysis Science and Technology</i> , 2015, 5, 4884-4900.	4.1	49
10	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
11	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
12	Low Temperature Toluene Oxidation Over Pt Nanoparticles Supported on Yttria Stabilized-Zirconia. <i>Catalysis Letters</i> , 2013, 143, 996-1002.	2.6	36
13	Isotopical labeling mechanistic studies of electrochemical promotion of propane combustion on Pt/YSZ. <i>Electrochemistry Communications</i> , 2013, 26, 13-16.	4.7	30
14	Ionically Conducting Ceramics as Active Catalyst Supports. <i>Chemical Reviews</i> , 2013, 113, 8192-8260.	47.7	201
15	Electrochemical promotion of propane oxidation on Pt deposited on a dense $\gamma$ -Al <sub>2</sub> O <sub>3</sub> ceramic Ag+ conductor. <i>Frontiers in Chemistry</i> , 2013, 1, 13.	3.6	4
16	Electrochemical performance of La <sub>0.75</sub> Sr <sub>0.25</sub> Cr <sub>0.9</sub> Mn <sub>0.1</sub> O <sub>3</sub> perovskites as SOFC anodes in CO/CO <sub>2</sub> mixtures. <i>Journal of Applied Electrochemistry</i> , 2012, 42, 727-735.	2.9	18
17	Electrochemical promotion of methane oxidation on Pd catalyst-electrodes deposited on Y <sub>2</sub> O <sub>3</sub> -stabilized-ZrO <sub>2</sub> . <i>Applied Catalysis B: Environmental</i> , 2012, 128, 48-54.	20.2	19
18	Methane oxidation on Pd/YSZ by electrochemical promotion. <i>Solid State Ionics</i> , 2012, 225, 376-381.	2.7	14

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19	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
20	Electrochemical reforming of ethanol/water solutions for pure H <sub>2</sub> production in a PEM electrolysis cell. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 9504-9513.	7.1	114
21	Enhanced performance of CO poisoned proton exchange membrane fuel cells via triode operation. <i>Electrochimica Acta</i> , 2011, 56, 6966-6975.	5.2	9
22	The role of TiO <sub>2</sub> layers deposited on YSZ on the electrochemical promotion of C <sub>2</sub> H <sub>4</sub> oxidation on Pt. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 1859-1865.	2.9	19
23	Electrochemical promotion of CO conversion to CO <sub>2</sub> in PEM fuel cell PROX reactor. <i>Catalysis Today</i> , 2009, 146, 319-325.	4.4	8
24	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
25	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
26	Methanol reformat treatment in a PEM fuel cell-reactor. <i>Catalysis Today</i> , 2007, 127, 295-303.	4.4	16
27	Triode fuel cells. <i>Solid State Ionics</i> , 2006, 177, 2023-2027.	2.7	11