

# Lisandra Arroyo-Ramírez

## List of Publications by Year in descending order

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15  
papers

586  
citations

759233

12  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1019  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Thermal Stability and Methane-Oxidation Activity of Pd/Al <sub>2</sub> O <sub>3</sub> Catalysts by Atomic Layer Deposition of ZrO <sub>2</sub> . ACS Catalysis, 2015, 5, 5696-5701.	11.2	117
2	Comparison of HMF hydrodeoxygenation over different metal catalysts in a continuous flow reactor. Applied Catalysis A: General, 2015, 508, 86-93.	4.3	68
3	Hydrodeoxygenation of HMF over Pt/C in a continuous flow reactor. AIChE Journal, 2015, 61, 590-597.	3.6	64
4	High-surface-area ceria prepared by ALD on Al <sub>2</sub> O <sub>3</sub> support. Applied Catalysis B: Environmental, 2017, 201, 430-437.	20.2	56
5	The use of bimetallics to control the selectivity for the upgrading of lignin-derived oxygenates: Reaction of anisole on Pt and PtZn catalysts. Journal of Catalysis, 2016, 340, 219-226.	6.2	55
6	The H <sub>2</sub> Pressure Dependence of Hydrodeoxygenation Selectivities for Furfural Over Pt/C Catalysts. Catalysis Letters, 2016, 146, 711-717.	2.6	54
7	Modification of Pd/CeO <sub>2</sub> catalyst by Atomic Layer Deposition of ZrO <sub>2</sub> . Applied Catalysis B: Environmental, 2016, 197, 280-285.	20.2	38
8	High-surface-area, iron-oxide films prepared by atomic layer deposition on $\gamma$ -Al <sub>2</sub> O <sub>3</sub> . Applied Catalysis A: General, 2017, 534, 70-77.	4.3	34
9	Supported platinum-zinc oxide core-shell nanoparticle catalysts for methanol steam reforming. Journal of Materials Chemistry A, 2014, 2, 19509-19514.	10.3	31
10	Synthesis and Characterization of Palladium and Palladium-Cobalt Nanoparticles on Vulcan XC-72R for the Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2013, 5, 11603-11612.	8.0	23
11	Palladium Nanoshell Catalysts Synthesis on Highly Ordered Pyrolytic Graphite for Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2012, 4, 2018-2024.	8.0	20
12	Synthesis, Optical Characterization, and Electrochemical Properties of Isomeric Tetraphenylbenzodifurans Containing Electron Acceptor Groups. Journal of Physical Chemistry A, 2011, 115, 4157-4168.	2.5	17
13	A comparison of hierarchical Pt@CeO <sub>2</sub> /SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> and Pd@CeO <sub>2</sub> /SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> . Catalysis Today, 2015, 253, 137-141.	4.4	7
14	Electrochemical study of methanol tolerant oxygen reduction reaction Pd <sub>x</sub> Co <sub>y</sub> /C-catalysts from organometallic molecular precursors. Inorganica Chimica Acta, 2017, 468, 109-118.	2.4	2
15	Surface analysis and electrochemical characterization of palladium-cobalt nanoring formation from molecular precursor, [Et <sub>3</sub> NH] <sub>2</sub> [CoPd <sub>2</sub> ( $\frac{1}{4}$ Cl <sub>3</sub> ,5Me <sub>2</sub> pz) <sub>4</sub> Cl <sub>4</sub> ] <sub>0</sub> , on highly ordered pyrolytic graphite. Surface and Interface Analysis, 2013, 45, 1760-1768.	1.8	0