

# Bernay Cifuentes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4145428/publications.pdf>

Version: 2024-02-01

14  
papers

263  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen production by steam reforming of ethanol on a RhPt/CeO <sub>2</sub> /SiO <sub>2</sub> catalyst: Synergistic effect of the Si:Ce ratio on the catalyst performance. <i>Applied Catalysis A: General</i> , 2016, 523, 283-293.	4.3	38
2	Hydrogen Production by Steam Reforming of Ethanol on Rh-Pt Catalysts: Influence of CeO <sub>2</sub> , ZrO <sub>2</sub> , and La <sub>2</sub> O <sub>3</sub> as Supports. <i>Catalysts</i> , 2015, 5, 1872-1896.	3.5	36
3	Controlling sugarcane press-mud fermentation to increase bioethanol steam reforming for hydrogen production. <i>Waste Management</i> , 2019, 98, 1-13.	7.4	27
4	Response Surface Methodology and Aspen Plus Integration for the Simulation of the Catalytic Steam Reforming of Ethanol. <i>Catalysts</i> , 2017, 7, 15.	3.5	25
5	Catalytic hydrodechlorination of trichloroethylene in a novel NaOH/2-propanol/methanol/water system on ceria-supported Pd and Rh catalysts. <i>Journal of Environmental Management</i> , 2015, 158, 1-10.	7.8	23
6	Hydrogen from glucose: A combined study of glucose fermentation, bioethanol purification, and catalytic steam reforming. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 5640-5651.	7.1	22
7	Fuel-cell grade hydrogen production by coupling steam reforming of ethanol and carbon monoxide removal. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 17216-17229.	7.1	21
8	Bioethanol steam reforming over monoliths washcoated with RhPt/CeO <sub>2</sub> â€“SiO <sub>2</sub> : The use of residual biomass to stably produce syngas. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 4007-4018.	7.1	20
9	Integration of steam gasification and catalytic reforming of lignocellulosic biomass as a strategy to improve syngas quality and pollutants removal. <i>Waste Management</i> , 2022, 147, 48-59.	7.4	13
10	Hydrogen purification of actual syngas streams for energy applications: Au-Cu supported over nano-shaped CeO <sub>2</sub> as stable catalysts for the carbon monoxide removal. <i>Applied Catalysis A: General</i> , 2020, 598, 117568.	4.3	11
11	Single and Dual Metal Oxides as Promising Supports for Carbon Monoxide Removal from an Actual Syngas: The Crucial Role of Support on the Selectivity of the Auâ€“Cu System. <i>Catalysts</i> , 2019, 9, 852.	3.5	10
12	Monoliths washcoated with AuCu catalysts for CO removal in an ethanol fuel processor: Effect of CeO <sub>2</sub> â€“SiO <sub>2</sub> dual support on the catalytic performance and reactor cost. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 2166-2181.	7.1	8
13	Biomass Potential for Producing Power via Green Hydrogen. <i>Energies</i> , 2021, 14, 8366.	3.1	8
14	CFD modelling of the air conditioning system for a Tier 2 Data Centre. <i>Advances in Building Energy Research</i> , 2022, 16, 231-261.	2.3	1