

# Fernando Cazaña

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

319  
citations

933447

10  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

404  
citing authors

#	ARTICLE	IF	CITATIONS
1	Steam reforming of clean biogas over Rh and Ru open-cell metallic foam structured catalysts. <i>Catalysis Today</i> , 2022, 383, 74-83.	4.4	11
2	Performance of AISI 316L-stainless steel foams towards the formation of graphene related nanomaterials by catalytic decomposition of methane at high temperature. <i>Catalysis Today</i> , 2022, 383, 236-246.	4.4	8
3	Development of one-pot Cu/cellulose derived carbon catalysts for RWGS reaction. <i>Fuel</i> , 2022, 319, 123707.	6.4	8
4	Hydrogen and CNT Production by Methane Cracking Using Ni-Cu and Co-Cu Catalysts Supported on Argan-Derived Carbon. <i>ChemEngineering</i> , 2022, 6, 47.	2.4	5
5	Selective synthesis of carbon nanotubes by catalytic decomposition of methane using Co-Cu/cellulose derived carbon catalysts: A comprehensive kinetic study. <i>Chemical Engineering Journal</i> , 2021, 404, 126103.	12.7	29
6	Highly Active Ce- and Mg-Promoted Ni Catalysts Supported on Cellulose-Derived Carbon for Low-Temperature CO <sub>2</sub> Methanation. <i>Energy &amp; Fuels</i> , 2021, 35, 17212-17224.	5.1	17
7	Use of Ni Catalysts Supported on Biomorphic Carbon Derived From Lignocellulosic Biomass Residues in the Decomposition of Methane. <i>Frontiers in Energy Research</i> , 2019, 7, .	2.3	10
8	Synthesis of graphenic nanomaterials by decomposition of methane on a Ni-Cu/biomorphic carbon catalyst. Kinetic and characterization results. <i>Catalysis Today</i> , 2018, 299, 67-79.	4.4	19
9	Synthesis of Pd-Al/biomorphic carbon catalysts using cellulose as carbon precursor. <i>Catalysis Today</i> , 2018, 301, 226-238.	4.4	15
10	In situ generation of CO <sub>x</sub> -free H <sub>2</sub> by catalytic ammonia decomposition over Ru-Al-monoliths. <i>Fuel</i> , 2018, 233, 851-859.	6.4	32
11	Effect of the Operating Conditions on the Growth of Carbonaceous Nanomaterials over Stainless Steel Foams. Kinetic and Characterization Studies. <i>International Journal of Chemical Reactor Engineering</i> , 2017, 15, .	1.1	2
12	Growth of carbonaceous nanomaterials over stainless steel foams. Effect of activation temperature. <i>Catalysis Today</i> , 2016, 273, 41-49.	4.4	9
13	Kinetics of liquid phase cyclohexene hydrogenation on Pd-Al/biomorphic carbon catalysts. <i>Catalysis Today</i> , 2015, 249, 127-136.	4.4	9
14	Modelling of experimental vanillin hydrodeoxygenation reactions in water/oil emulsions. Effects of mass transport. <i>Catalysis Today</i> , 2013, 210, 89-97.	4.4	27
15	Ni-Co-Mg-Al catalysts for hydrogen and carbonaceous nanomaterials production by CCVD of methane. <i>Catalysis Today</i> , 2011, 172, 143-151.	4.4	35
16	Kinetics of carbon nanotubes growth on a Ni-Mg-Al catalyst by CCVD of methane: Influence of catalyst deactivation. <i>Catalysis Today</i> , 2010, 154, 217-223.	4.4	29
17	Carbon Nanotube Growth by Catalytic Chemical Vapor Deposition: A Phenomenological Kinetic Model. <i>Journal of Physical Chemistry C</i> , 2010, 114, 4773-4782.	3.1	54