

# Leire Zubizarreta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2503917/publications.pdf>

Version: 2024-02-01

25  
papers

1,577  
citations

623734

14  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave heating processes involving carbon materials. <i>Fuel Processing Technology</i> , 2010, 91, 1-8.	7.2	833
2	Carbon materials for H <sub>2</sub> storage. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 4575-4581.	7.1	103
3	A comparison of physical activation of carbon xerogels with carbon dioxide with chemical activation using hydroxides. <i>Carbon</i> , 2010, 48, 3157-3168.	10.3	77
4	Tailoring the textural properties of activated carbon xerogels by chemical activation with KOH. <i>Microporous and Mesoporous Materials</i> , 2008, 115, 480-490.	4.4	74
5	Improving hydrogen storage in Ni-doped carbon nanospheres. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 3070-3076.	7.1	73
6	Synthesis of carbon-supported nickel catalysts for the dry reforming of CH <sub>4</sub> . <i>Fuel Processing Technology</i> , 2010, 91, 765-769.	7.2	56
7	Exploring New Routes in the Synthesis of Carbon Xerogels for Their Application in Electric Double-Layer Capacitors. <i>Energy &amp; Fuels</i> , 2010, 24, 3334-3339.	5.1	52
8	Development of microporous carbon xerogels by controlling synthesis conditions. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 817-825.	3.1	50
9	Ni-doped carbon xerogels for H <sub>2</sub> storage. <i>Carbon</i> , 2010, 48, 2722-2733.	10.3	47
10	H <sub>2</sub> storage in carbon materials. <i>Adsorption</i> , 2008, 14, 557-566.	3.0	38
11	Microwave drying as an effective method to obtain porous carbon xerogels. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 4024-4026.	3.1	37
12	Growth of nanofilaments on carbon-based materials from microwave-assisted decomposition of CH <sub>4</sub> . <i>Applied Surface Science</i> , 2008, 254, 3553-3557.	6.1	33
13	Studying chemical activation in carbon xerogels. <i>Journal of Materials Science</i> , 2009, 44, 6583-6590.	3.7	21
14	Preparation of Ni-doped carbon nanospheres with different surface chemistry and controlled pore structure. <i>Applied Surface Science</i> , 2008, 254, 3993-4000.	6.1	14
15	Polymers containing phosphorus groups and polyethers: from synthesis to application. <i>Chemistry Central Journal</i> , 2012, 6, 132.	2.6	14
16	Enzymatic Glucose-Based Bio-batteries: Bioenergy to Fuel Next-Generation Devices. <i>Topics in Current Chemistry</i> , 2020, 378, 49.	5.8	13
17	Effect of carbon support on the kinetic behaviour of a metal hydride electrode. <i>Electrochimica Acta</i> , 2009, 54, 2010-2017.	5.2	10
18	Sustainable Carbon as Efficient Support for Metal-Based Nanocatalyst: Applications in Energy Harvesting and Storage. <i>Molecules</i> , 2020, 25, 3123.	3.8	10

#	ARTICLE	IF	CITATIONS
19	Carbon materials with tailored porosity by self-assembly method: Influence of the synthesis conditions. <i>Microporous and Mesoporous Materials</i> , 2011, 143, 30-36.	4.4	8
20	Ni-Doped Carbons as a Carbon Support for Metal Hydride Electrodes. <i>Energy &amp; Fuels</i> , 2010, 24, 3302-3306.	5.1	6
21	C/C composite anodes for long-life lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 3557-3566.	2.5	5
22	BATERIAS: ESTADO ACTUAL Y FUTURAS TENDENCIAS (2ª parte). <i>Dyna (Spain)</i> , 2015, 90, 9-13.	0.2	2
23	BATERIAS: ESTADO ACTUAL Y FUTURAS TENDENCIAS (1ª parte). <i>Dyna (Spain)</i> , 2014, 89, 584-589.	0.2	1
24	Development of Novel Solid Materials for High Power Li Polymer Batteries (SOMABAT). <i>Recyclability of Components. Lecture Notes in Mobility</i> , 2015, , 19-32.	0.2	0
25	Comparative Study on the Effect of Inorganic Filler Content and Surface Contaminants on Hydrophobicity Transfer of HTV Polymeric Insulators. , 2020, , .		0