

# AscensiÃ³n Montoya

## List of Publications by Year in descending order

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17  
papers

178  
citations

1163065

8  
h-index

1125717

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of mesoporous materials: Silica-zirconia and silica-titania. <i>Catalysis Today</i> , 2009, 148, 12-18.	4.4	31
2	The effect of temperature on the structural and textural evolution of sol-gel Al <sub>2</sub> O <sub>3</sub> -TiO <sub>2</sub> mixed oxides. <i>Journal of Materials Chemistry</i> , 2001, 11, 944-950.	6.7	29
3	Parallel and automated library synthesis of 2-long alkyl chain benzoazoles and azole[4,5-b]pyridines under microwave irradiation. <i>Molecular Diversity</i> , 2005, 9, 361-369.	3.9	21
4	High-throughput study of the iron promotional effect over Pt/WO <sub>x</sub> -ZrO <sub>2</sub> catalysts on the skeletal isomerization of n-hexane. <i>Applied Catalysis A: General</i> , 2012, 431-432, 69-78.	4.3	16
5	Palladium effect over Mo and NiMo/alumina-titania sulfided catalysts on the hydrodesulfurization of 4,6-dimethyldibenzothiophene. <i>Journal of Molecular Catalysis A</i> , 2011, 346, 12-19.	4.8	13
6	Aberration-corrected HRTEM study of Mn-doped tungstated zirconia catalysts. <i>Catalysis Today</i> , 2013, 212, 201-205.	4.4	9
7	Nucleation and growth of NiO nanoparticles and thin films by TEM electron irradiation. <i>Catalysis Today</i> , 2013, 212, 194-200.	4.4	9
8	Methane reforming with CO <sub>2</sub> over Ni/ZrO <sub>2</sub> -CeO <sub>2</sub> and Ni/ZrO <sub>2</sub> -MgO catalysts synthesized by sol-gel method. <i>Studies in Surface Science and Catalysis</i> , 2000, 130, 3669-3674.	1.5	8
9	Optimization of manganese content by high-throughput experimentation of Pt/WO <sub>x</sub> -ZrO <sub>2</sub> -Mn catalysts. <i>Catalysis Communications</i> , 2010, 11, 408-413.	3.3	8
10	Recent progress on catalyst technologies for high quality gasoline production. <i>Catalysis Reviews - Science and Engineering</i> , 2023, 65, 1079-1299.	12.9	8
11	Influence of the incorporation of Fe and Mn on the nanostructure and reactivity of catalysts based on tungstated zirconia. <i>Catalysis Today</i> , 2021, 360, 72-77.	4.4	7
12	Alumina support modified by Zr and Ti. Synthesis and characterization. <i>Studies in Surface Science and Catalysis</i> , 1995, 91, 807-815.	1.5	4
13	Hydroisomerization of n-hexane over Pt/WO <sub>x</sub> -ZrO <sub>2</sub> -TiO <sub>2</sub> catalysts. <i>Catalysis Today</i> , 2021, 360, 12-19.	4.4	4
14	Study by high-throughput experimentation of the effect of the pretreatment and precursors on the catalytic activity of tungstated zirconia catalysts. <i>Catalysis Communications</i> , 2009, 10, 1828-1834.	3.3	3
15	Role of the residual Na <sup>+</sup> ions on the dispersion of WO <sub>x</sub> species on titania nanotubes by in situ thermo-Raman study. <i>Catalysis Today</i> , 2010, 155, 241-246.	4.4	3
16	Nitrogen compounds removal from oil-derived middle distillates by MIL-101(Cr) and its impact on ULSD production by hydrotreating. <i>Oil and Gas Science and Technology</i> , 2021, 76, 56.	1.4	3
17	Formaldehyde CWO with gold nanoparticles in a forced through flow catalytic-membrane reactor. <i>Catalysis Today</i> , 2020, 349, 42-47.	4.4	2