

# Angel Peral Yuste

## List of Publications by Year in descending order

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21  
papers

1,338  
citations

516710

16  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Zeolites with Enhanced Textural and Catalytic Properties Synthesized from Organofunctionalized Seeds. <i>Chemistry of Materials</i> , 2006, 18, 2462-2464.	6.7	288
2	Molecular and Meso- and Macroscopic Properties of Hierarchical Nanocrystalline ZSM-5 Zeolite Prepared by Seed Silanization. <i>Chemistry of Materials</i> , 2009, 21, 641-654.	6.7	186
3	Catalytic cracking of polyethylene over zeolite mordenite with enhanced textural properties. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 85, 352-358.	5.5	117
4	Catalytic hydroreforming of the polyethylene thermal cracking oil over Ni supported hierarchical zeolites and mesostructured aluminosilicates. <i>Applied Catalysis B: Environmental</i> , 2011, 106, 405-415.	20.2	107
5	Effect of the organic moiety nature on the synthesis of hierarchical ZSM-5 from silanized protozeolitic units. <i>Journal of Materials Chemistry</i> , 2008, 18, 4210.	6.7	103
6	Catalytic properties in polyolefin cracking of hierarchical nanocrystalline HZSM-5 samples prepared according to different strategies. <i>Journal of Catalysis</i> , 2010, 276, 152-160.	6.2	76
7	Synthesis of hierarchical ZSM-5 by silanization and alkoxylation of protozeolitic units. <i>Catalysis Today</i> , 2011, 168, 86-95.	4.4	61
8	Catalytic cracking of polyethylene over nanocrystalline HZSM-5: Catalyst deactivation and regeneration study. <i>Journal of Analytical and Applied Pyrolysis</i> , 2007, 79, 456-464.	5.5	60
9	Hierarchical ZSM-5 zeolites synthesized by silanization of protozeolitic units: Mediating the mesoporosity contribution by changing the organosilane type. <i>Catalysis Today</i> , 2014, 227, 15-25.	4.4	57
10	Properties of hierarchical Beta zeolites prepared from protozeolitic nanounits for the catalytic cracking of high density polyethylene. <i>Applied Catalysis A: General</i> , 2017, 531, 187-196.	4.3	47
11	Catalytic cracking of LDPE over nanocrystalline HZSM-5 zeolite prepared by seed-assisted synthesis from an organic-template-free system. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 117, 132-140.	5.5	45
12	Bidimensional ZSM-5 zeolites probed as catalysts for polyethylene cracking. <i>Catalysis Science and Technology</i> , 2016, 6, 2754-2765.	4.1	32
13	Hierarchical ZSM-5 zeolite with uniform mesopores and improved catalytic properties. <i>New Journal of Chemistry</i> , 2016, 40, 4206-4216.	2.8	32
14	Synthesis of hierarchical Beta zeolite with uniform mesopores: Effect on its catalytic activity for veratrole acylation. <i>Catalysis Today</i> , 2018, 304, 89-96.	4.4	28
15	Improvement of the hierarchical TS-1 properties by silanization of protozeolitic units in presence of alcohols. <i>Microporous and Mesoporous Materials</i> , 2013, 166, 59-66.	4.4	27
16	Zeolite crystallization from organofunctionalized seeds. <i>Studies in Surface Science and Catalysis</i> , 2007, , 282-288.	1.5	17
17	Isosorbide Production from Sorbitol over Heterogeneous Acid Catalysts: Screening and Kinetic Study. <i>Topics in Catalysis</i> , 2017, 60, 1027-1039.	2.8	14
18	Fine-tuning hierarchical ZSM-5 zeolite by controlled aggregation of protozeolitic units functionalized with tertiary amine-containing organosilane. <i>Microporous and Mesoporous Materials</i> , 2020, 303, 110189.	4.4	13

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19	Untangling the role of the organosilane functional groups in the synthesis of hierarchical ZSM-5 zeolite by crystallization of silanized protozeolitic units. <i>Catalysis Today</i> , 2020, 345, 27-38.	4.4	12
20	Tracking the evolution of embryonic zeolites into hierarchical ZSM-5. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13570-13587.	10.3	11
21	Controlling the generation of hierarchical porosity in ZSM-5 by changing the silanization degree of protozeolitic units. <i>Studies in Surface Science and Catalysis</i> , 2008, , 123-128.	1.5	5