

Maria Milina

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,116
citations

430874

18
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

3170
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembly of noble metal monolayers on transition metal carbide nanoparticle catalysts. <i>Science</i> , 2016, 352, 974-978.	12.6	495
2	Mesopore quality determines the lifetime of hierarchically structured zeolite catalysts. <i>Nature Communications</i> , 2014, 5, .	12.8	270
3	Full Compositional Flexibility in the Preparation of Mesoporous MFI Zeolites by Desilication. <i>Journal of Physical Chemistry C</i> , 2011, 115, 14193-14203.	3.1	230
4	Activating earth-abundant electrocatalysts for efficient, low-cost hydrogen evolution/oxidation: sub-monolayer platinum coatings on titanium tungsten carbide nanoparticles. <i>Energy and Environmental Science</i> , 2016, 9, 3290-3301.	30.8	138
5	Superior Mass Transfer Properties of Technical Zeolite Bodies with Hierarchical Porosity. <i>Advanced Functional Materials</i> , 2014, 24, 209-219.	14.9	108
6	Interdependence between porosity, acidity, and catalytic performance in hierarchical ZSM-5 zeolites prepared by post-synthetic modification. <i>Journal of Catalysis</i> , 2013, 308, 398-407.	6.2	99
7	Hierarchical Silicoaluminophosphates by Postsynthetic Modification: Influence of Topology, Composition, and Silicon Distribution. <i>Chemistry of Materials</i> , 2014, 26, 4552-4562.	6.7	91
8	Transitionâ€Metal Nitride Core@Nobleâ€Metal Shell Nanoparticles as Highly CO Tolerant Catalysts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8828-8833.	13.8	88
9	Expanding the Horizons of Hierarchical Zeolites: Beyond Laboratory Curiosity towards Industrial Realization. <i>ChemCatChem</i> , 2011, 3, 1731-1734.	3.7	84
10	Impact of Pore Connectivity on the Design of Longâ€Lived Zeolite Catalysts. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1591-1594.	13.8	84
11	Prospectives for bio-oil upgrading via esterification over zeolite catalysts. <i>Catalysis Today</i> , 2014, 235, 176-183.	4.4	83
12	Hierarchy Brings Function: Mesoporous Clinoptilolite and L Zeolite Catalysts Synthesized by Tandem Acidâ€Base Treatments. <i>Chemistry of Materials</i> , 2013, 25, 1947-1959.	6.7	74
13	Towards more efficient monodimensional zeolite catalysts: n-alkane hydro-isomerisation on hierarchical ZSM-22. <i>Catalysis Science and Technology</i> , 2011, 1, 1331.	4.1	72
14	Decoupling porosity and compositional effects on desilicated ZSM-5 zeolites for optimal alkylation performance. <i>Catalysis Science and Technology</i> , 2012, 2, 759.	4.1	64
15	Aluminum Redistribution during the Preparation of Hierarchical Zeolites by Desilication. <i>Chemistry - A European Journal</i> , 2015, 21, 14156-14164.	3.3	44
16	Hierarchically Structured Zeolite Bodies: Assembling Microâ€, Mesoâ€, and Macroporosity Levels in Complex Materials with Enhanced Properties. <i>Advanced Functional Materials</i> , 2012, 22, 2509-2518.	14.9	38
17	Realistic Surface Descriptions of Heterometallic Interfaces: The Case of TiWC Coated in Noble Metals. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4475-4482.	4.6	24
18	Transitionâ€Metal Nitride Core@Nobleâ€Metal Shell Nanoparticles as Highly CO Tolerant Catalysts. <i>Angewandte Chemie</i> , 2017, 129, 8954-8959.	2.0	11

#	ARTICLE	IF	CITATIONS
19	Zeolites: Superior Mass Transfer Properties of Technical Zeolite Bodies with Hierarchical Porosity (Adv. Funct. Mater. 2/2014). Advanced Functional Materials, 2014, 24, 174-174.	14.9	0
20	Impact of Pore Connectivity on the Design of Long-Lived Zeolite Catalysts (Angew. Chem.)	2.0	0