

Tania Rodenas

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

3,180
citations

623734

14
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

5389
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-organic framework nanosheets in polymer composite materials for gas separation. Nature Materials, 2015, 14, 48-55.	27.5	1,780
2	Visualizing MOF Mixed Matrix Membranes at the Nanoscale: Towards Structure-Performance Relationships in CO ₂ /CH ₄ Separation Over NH ₂ -MIL-53(Al)@PI. Advanced Functional Materials, 2014, 24, 249-256.	14.9	262
3	Metal Organic Framework Crystals in Mixed Matrix Membranes: Impact of the Filler Morphology on the Gas Separation Performance. Advanced Functional Materials, 2016, 26, 3154-3163.	14.9	225
4	A Bifunctional Pd/MgO Solid Catalyst for the One-Pot Selective N-Monoalkylation of Amines with Alcohols. Chemistry - A European Journal, 2010, 16, 254-260.	3.3	157
5	Mixed matrix membranes based on NH ₂ -functionalized MIL-type MOFs: Influence of structural and operational parameters on the CO ₂ /CH ₄ separation performance. Microporous and Mesoporous Materials, 2014, 192, 35-42.	4.4	123
6	Nanosheets of Nonlayered Aluminum Metal-Organic Frameworks through a Surfactant-Assisted Method. Advanced Materials, 2018, 30, e1707234.	21.0	117
7	Mechanism of selective alcohol oxidation to aldehydes on gold catalysts: Influence of surface roughness on reactivity. Journal of Catalysis, 2011, 278, 50-58.	6.2	110
8	Aerobic oxidation of thiols to disulfides by heterogeneous gold catalysts. Chemical Science, 2012, 3, 398-404.	7.4	100
9	Cobalt-Bridged Ionic Liquid Polymer on a Carbon Nanotube for Enhanced Oxygen Evolution Reaction Activity. Angewandte Chemie - International Edition, 2018, 57, 3514-3518.	13.8	68
10	Enantioselective epoxidation of olefins with molecular oxygen catalyzed by gold(III): A dual pathway for oxygen transfer. Journal of Catalysis, 2009, 265, 238-244.	6.2	56
11	Monoalkylations with alcohols by a cascade reaction on bifunctional solid catalysts: Reaction kinetics and mechanism. Journal of Catalysis, 2011, 279, 319-327.	6.2	48
12	2D Metal Organic Framework-Graphitic Carbon Nanocomposites as Precursors for High-Performance O ₂ -Evolution Electrocatalysts. Advanced Energy Materials, 2018, 8, 1802404.	19.5	43
13	One-Pot Palladium-Catalyzed Borrowing Hydrogen Synthesis of Thioethers. Chemistry - A European Journal, 2013, 19, 17464-17471.	3.3	38
14	Stabilization and recovery of gold catalysts in the cyclopropanation of alkenes within ionic liquids. Journal of Catalysis, 2008, 259, 26-35.	6.2	23
15	Direct Conversion of Syngas to Higher Alcohols via Tandem Integration of Fischer-Tropsch Synthesis and Reductive Hydroformylation. Angewandte Chemie - International Edition, 2022, 61, .	13.8	14
16	Metal-Organic Frameworks: Visualizing MOF Mixed Matrix Membranes at the Nanoscale: Towards Structure-Performance Relationships in CO ₂ /CH ₄ Separation Over NH ₂ -MIL-53(Al)@PI (Adv. Funct. Tj ETQq0 0 0 rgBtd Overlock 10 Tf 50		
17	Direct Conversion of Syngas to Higher Alcohols via Tandem Integration of Fischer-Tropsch Synthesis and Reductive Hydroformylation. Angewandte Chemie, 2022, 134, .	2.0	5
18	Ein aktiver und stabiler Cobaltkatalysator für die Sauerstoffentwicklungsreaktion: Polymerisation einer ionischen Flüssigkeit. Angewandte Chemie, 2018, 130, 3573-3577.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Metal-Organic Frameworks (MOFs). , 2015, , 1-3.		0