

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	Direct Conversion of Syngas to Higher Alcohols via Tandem Integration of Fischer-Tropsch Synthesis and Reductive Hydroformylation. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	5
2	Direct Conversion of Syngas to Higher Alcohols via Tandem Integration of Fischer-Tropsch Synthesis and Reductive Hydroformylation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	14
3	Ein aktiver und stabiler Cobaltkatalysator für die Sauerstoffentwicklungsreaktion: Polymerisation einer ionischen Flüssigkeit. <i>Angewandte Chemie</i> , 2018, 130, 3573-3577.	2.0	2
4	Cobalt-Bridged Ionic Liquid Polymer on a Carbon Nanotube for Enhanced Oxygen Evolution Reaction Activity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3514-3518.	13.8	68
5	2D Metal Organic Framework-Graphitic Carbon Nanocomposites as Precursors for High-Performance O ₂ -Evolution Electrocatalysts. <i>Advanced Energy Materials</i> , 2018, 8, 1802404.	19.5	43
6	Nanosheets of Nonlayered Aluminum Metal-Organic Frameworks through a Surfactant-Assisted Method. <i>Advanced Materials</i> , 2018, 30, e1707234.	21.0	117
7	Metal Organic Framework Crystals in Mixed-Matrix Membranes: Impact of the Filler Morphology on the Gas Separation Performance. <i>Advanced Functional Materials</i> , 2016, 26, 3154-3163.	14.9	225
8	Metal-organic framework nanosheets in polymer composite materials for gas separation. <i>Nature Materials</i> , 2015, 14, 48-55.	27.5	1,780
9	Metal-Organic Frameworks (MOFs). , 2015, , 1-3.		0
10	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. <i>Advanced Functional Materials</i> , 2014, 24, 249-256.	14.9	262
11	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 ETQq1 1 0.784314 rgB /Overlo		
12	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. <i>Microporous and Mesoporous Materials</i> , 2014, 192, 35-42.	4.4	123
13	One-Pot Palladium-Catalyzed Borrowing Hydrogen Synthesis of Thioethers. <i>Chemistry - A European Journal</i> , 2013, 19, 17464-17471.	3.3	38
14	Aerobic oxidation of thiols to disulfides by heterogeneous gold catalysts. <i>Chemical Science</i> , 2012, 3, 398-404.	7.4	100
15	Mechanism of selective alcohol oxidation to aldehydes on gold catalysts: Influence of surface roughness on reactivity. <i>Journal of Catalysis</i> , 2011, 278, 50-58.	6.2	110
16	Monoalkylations with alcohols by a cascade reaction on bifunctional solid catalysts: Reaction kinetics and mechanism. <i>Journal of Catalysis</i> , 2011, 279, 319-327.	6.2	48
17	A Bifunctional Pd/MgO Solid Catalyst for the One-Pot Selective N-Monoalkylation of Amines with Alcohols. <i>Chemistry - A European Journal</i> , 2010, 16, 254-260.	3.3	157
18	Enantioselective epoxidation of olefins with molecular oxygen catalyzed by gold(III): A dual pathway for oxygen transfer. <i>Journal of Catalysis</i> , 2009, 265, 238-244.	6.2	56

#	ARTICLE	IF	CITATIONS
19	Stabilization and recovery of gold catalysts in the cyclopropanation of alkenes within ionic liquids. Journal of Catalysis, 2008, 259, 26-35.	6.2	23