

# M Filipa Ribeiro

## List of Publications by Year in descending order

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173  
papers

4,865  
citations

101543

36  
h-index

133252

59  
g-index

179  
all docs

179  
docs citations

179  
times ranked

5024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conversion of glycerol over vanadium supported beta zeolite: Role of acidity and alkali cations. <i>Microporous and Mesoporous Materials</i> , 2022, 329, 111536.	4.4	8
2	Renewable bio-based routes to $\gamma$ -valerolactone in the presence of hafnium nanocrystalline or hierarchical microcrystalline zeotype catalysts. <i>Journal of Catalysis</i> , 2022, 406, 56-71.	6.2	11
3	Catalytic isomerization of d-glucose to d-fructose over BEA base zeotypes using different energy supply methods. <i>Catalysis Today</i> , 2021, 362, 162-174.	4.4	17
4	Synthesis of modified TiO <sub>2</sub> -based catalysts for the photocatalytic production of solar fuels from synthesis gas. <i>Catalysis Today</i> , 2021, 379, 272-284.	4.4	2
5	Amination of Cyclohexanol over a Ni-Based Catalyst: Catalyst Stability and Reaction Pathway. <i>Chemical Engineering and Technology</i> , 2021, 44, 395-404.	1.5	2
6	Commercial catalysts screening for the direct amination of cyclohexanol. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 95, 190-202.	5.8	4
7	Statistical modelling of the amination reaction of cyclohexanol to produce cyclohexylamine over a commercial Ni-based catalyst. <i>Chemical Engineering Research and Design</i> , 2021, 170, 189-200.	5.6	1
8	Blending Wastes of Marble Powder and Dolomite Sorbents for Calcium-Looping CO <sub>2</sub> Capture under Realistic Industrial Calcination Conditions. <i>Materials</i> , 2021, 14, 4379.	2.9	13
9	Bio-oils/FCC co-processing: Insights into the adsorption of guaiacol on Y zeolites with distinct acidity and textural properties. <i>Microporous and Mesoporous Materials</i> , 2021, 323, 111170.	4.4	8
10	Catalytic Transfer Hydrogenation and Acid Reactions of Furfural and 5-(Hydroxymethyl)furfural over Hf-TUD-1 Type Catalysts. <i>Molecules</i> , 2021, 26, 7203.	3.8	7
11	Effect of the amount of SO <sub>4</sub> <sup>2-</sup> /La <sub>2</sub> O <sub>3</sub> on HZSM-5 activity for esterification reaction. <i>Catalysis Today</i> , 2020, 344, 150-157.	4.4	15
12	Reduction of NO with new vanadium-carbon xerogel composites. Effect of the oxidation state of vanadium species. <i>Carbon</i> , 2020, 156, 194-204.	10.3	9
13	Synergies, cooperation and other effects: a review for hydroconversion catalysts. <i>Catalysis Today</i> , 2020, 356, 260-270.	4.4	10
14	Towards understanding of phenolic compounds impact on Ni- and V-USY zeolites during bio-oils co-processing in FCC units. <i>Fuel</i> , 2020, 260, 116372.	6.4	17
15	Enhancement of sintering resistance of CaO-based sorbents using industrial waste resources for Ca-looping in the cement industry. <i>Separation and Purification Technology</i> , 2020, 235, 116190.	7.9	23
16	Bridging the gap between academic and industrial hydrocracking: on catalyst and operating conditions' effects. <i>Catalysis Science and Technology</i> , 2020, 10, 5136-5148.	4.1	11
17	Preface to the Special Issue Selected Contributions of the XXVI Iberoamerican Congress on catalysis "50 years. <i>Catalysis Today</i> , 2020, 356, 187-188.	4.4	0
18	Bifunctional Intimacy and its Interplay with Metal-Acid Balance in Shaped Hydroisomerization Catalysts. <i>ChemCatChem</i> , 2020, 12, 4582-4592.	3.7	19

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19	Modified Versions of AM <sup>4</sup> for the Aqueous Phase Isomerization of Aldo <sup>5</sup> Saccharides. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1579-1588.	2.0	6
20	Amination Reaction of Cyclohexanol over a Commercial Ni-Based Catalyst, Part I: Influence of Operating Conditions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 6565-6579.	3.7	7
21	Catalysts based on carbon xerogels with high catalytic activity for the reduction of NO <sub>x</sub> at low temperatures. <i>Catalysis Today</i> , 2020, 356, 301-311.	4.4	5
22	Optimized preparation and regeneration of MFI type base catalysts for $\alpha$ -D-glucose isomerization in water. <i>Catalysis Science and Technology</i> , 2020, 10, 3232-3246.	4.1	12
23	Interplay of the adsorption of light and heavy paraffins in hydroisomerization over H-beta zeolite. <i>Catalysis Science and Technology</i> , 2019, 9, 5368-5382.	4.1	12
24	Catalytic Conversion of 1-butene over Modified Versions of Commercial ZSM <sup>5</sup> to Produce Clean Fuels and Chemicals. <i>ChemCatChem</i> , 2019, 11, 4196-4209.	3.7	10
25	Ball Milling Modified SAPO <sup>11</sup> Based Catalysts for <i>n</i> -Decane Hydroisomerization. <i>ChemistrySelect</i> , 2019, 4, 6713-6718.	1.5	4
26	Gas-phase conversion of glycerol to allyl alcohol over vanadium-supported zeolite beta. <i>Catalysis Communications</i> , 2019, 127, 20-24.	3.3	18
27	Tailoring Synthetic Sol-Gel CaO Sorbents with High Reactivity or High Stability for Ca-Looping CO <sub>2</sub> Capture. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 8484-8494.	3.7	24
28	Olefin oligomerisation over nanocrystalline MFI-based micro/mesoporous zeotypes synthesised via bottom-up approaches. <i>Renewable Energy</i> , 2019, 138, 820-832.	8.9	11
29	<sup>1</sup> H- <sup>31</sup> P HETCOR NMR elucidates the nature of acid sites in zeolite HZSM-5 probed with trimethylphosphine oxide. <i>Chemical Communications</i> , 2019, 55, 12635-12638.	4.1	23
30	Quantification of the available acid sites in the hydrocracking of nitrogen-containing feedstocks over USY shaped NiMo-catalysts. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 71, 167-176.	5.8	19
31	A recyclable hybrid manganese(III) porphyrin magnetic catalyst for selective olefin epoxidation using molecular oxygen. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 331-341.	0.8	19
32	Investigation of cooperative effects between Pt/zeolite hydroisomerization catalysts through kinetic simulations. <i>Catalysis Today</i> , 2018, 312, 66-72.	4.4	5
33	From powder to extrudate zeolite-based bifunctional hydroisomerization catalysts: on preserving zeolite integrity and optimizing Pt location. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 62, 72-83.	5.8	40
34	Mesostructured Catalysts Based on the BEA Topology for Olefin Oligomerisation. <i>ChemCatChem</i> , 2018, 10, 2741-2754.	3.7	11
35	Influence of calcination temperature on catalytic, acid and textural properties of SO <sub>4</sub> <sup>2-</sup> /La <sub>2</sub> O <sub>3</sub> /HZSM-5 type catalysts for biodiesel production by esterification. <i>Microporous and Mesoporous Materials</i> , 2018, 270, 189-199.	4.4	24
36	Catalytic activity of electrodeposited cobalt oxide films for methane combustion in a micro-channel reactor. <i>Fuel</i> , 2018, 232, 51-59.	6.4	20

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37	One-pot hydrogen production and cascade reaction of furfural to bioproducts over bimetallic Pd-Ni TUD-1 type mesoporous catalysts. <i>Applied Catalysis B: Environmental</i> , 2018, 237, 521-537.	20.2	17
38	The promoting effect of Ce in the CO <sub>2</sub> methanation performances on Ni/USY zeolite: A FTIR In Situ/Operando study. <i>Catalysis Today</i> , 2017, 283, 74-81.	4.4	90
39	Monitoring cobalt ions siting in BEA and FER zeolites by in-situ UV-Vis spectroscopy: A DRS study. <i>Inorganica Chimica Acta</i> , 2017, 455, 568-574.	2.4	9
40	Production of biodiesel using HZSM-5 zeolites modified with citric acid and SO <sub>4</sub> <sup>2-</sup> /La <sub>2</sub> O <sub>3</sub> . <i>Catalysis Today</i> , 2017, 279, 267-273.	4.4	38
41	Gas-phase dehydration of glycerol over hierarchical silicoaluminophosphate SAPO-40. <i>Catalysis Communications</i> , 2017, 95, 16-20.	3.3	18
42	A systematic study on mixtures of Pt/zeolite as hydroisomerization catalysts. <i>Catalysis Science and Technology</i> , 2017, 7, 1095-1107.	4.1	30
43	Microwave synthesis of SAPO-11 materials for long chain n-alkanes hydroisomerization: Effect of physical parameters and chemical gel composition. <i>Applied Catalysis A: General</i> , 2017, 542, 28-37.	4.3	26
44	Quantification of metal-acid balance in hydroisomerization catalysts: A step further toward catalyst design. <i>AIChE Journal</i> , 2017, 63, 2864-2875.	3.6	35
45	TUD-1 type aluminosilicate acid catalysts for 1-butene oligomerisation. <i>Fuel</i> , 2017, 209, 371-382.	6.4	20
46	Nanoscale insights into Pt-impregnated mixtures of zeolites. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16822-16833.	10.3	19
47	Elucidation of the zeolite role on the hydrogenating activity of Pt-catalysts. <i>Catalysis Communications</i> , 2017, 89, 152-155.	3.3	16
48	MFI Acid Catalysts with Different Crystal Sizes and Porosity for the Conversion of Furanic Compounds in Alcohol Media. <i>ChemCatChem</i> , 2017, 9, 2747-2759.	3.7	17
49	Catalyst regeneration using CO <sub>2</sub> as reactant through reverse-Boudouard reaction with coke. <i>Catalysis Today</i> , 2017, 7, 843-851.		15
50	Biologically Inspired and Magnetically Recoverable Copper Porphyrinic Catalysts: A Greener Approach for Oxidation of Hydrocarbons with Molecular Oxygen. <i>Advanced Functional Materials</i> , 2016, 26, 3359-3368.	14.9	30
51	Bulk and composite catalysts combining BEA topology and mesoporosity for the valorisation of furfural. <i>Catalysis Science and Technology</i> , 2016, 6, 7812-7829.	4.1	23
52	Cost-efficient method for unsymmetrical meso-aryl porphyrins and iron oxide-porphyrin hybrids prepared thereof. <i>Dalton Transactions</i> , 2016, 45, 16211-16220.	3.3	13
53	Waste Marble Powders as Promising Inexpensive Natural CaO-Based Sorbents for Post-Combustion CO <sub>2</sub> Capture. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 7860-7872.	3.7	37
54	Application of PdCe-HMOR Catalyst as NO <sub>x</sub> CH <sub>4</sub> -SCR System for Heavy-Duty Vehicles Moved by Natural Gas. <i>Topics in Catalysis</i> , 2016, 59, 982-986.	2.8	3

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55	Vanadium-lithium alumina a potential additive for coke oxidation by CO <sub>2</sub> in the presence of O <sub>2</sub> during FCC catalyst regeneration. <i>Applied Catalysis B: Environmental</i> , 2016, 196, 117-126.	20.2	13
56	NO <sub>x</sub> SCR with decane using Ag@MFI catalysts: on the effect of silver content and co-cation presence. <i>Catalysis Science and Technology</i> , 2016, 6, 3038-3048.	4.1	12
57	CO <sub>2</sub> Hydrogenation Over Ni-Based Zeolites: Effect of Catalysts Preparation and Pre-reduction Conditions on Methanation Performance. <i>Topics in Catalysis</i> , 2016, 59, 314-325.	2.8	44
58	Reusable MCM-41 Immobilized Rh(I) Hydroformylation Catalysts Built on Binaphthyl-based Phosphoramidite and Phosphite Ligands. <i>Current Organic Chemistry</i> , 2016, 20, 1445-1453.	1.6	4
59	On the Effect of Preparation Methods of PdCe-MOR Catalysts as NO <sub>x</sub> CH <sub>4</sub> -SCR System for Natural Gas Vehicles Application. <i>Catalysts</i> , 2015, 5, 1815-1830.	3.5	9
60	Gas-phase dehydration of glycerol over thermally-stable SAPO-40 catalyst. <i>RSC Advances</i> , 2015, 5, 10667-10674.	3.6	21
61	One-pot conversion of furfural to useful bio-products in the presence of a Sn,Al-containing zeolite beta catalyst prepared via post-synthesis routes. <i>Journal of Catalysis</i> , 2015, 329, 522-537.	6.2	124
62	Insight into CO <sub>2</sub> methanation mechanism over NiUSY zeolites: An operando IR study. <i>Applied Catalysis B: Environmental</i> , 2015, 174-175, 120-125.	20.2	223
63	Hydrogenating activity of Pt/zeolite catalysts focusing acid support and metal dispersion influence. <i>Applied Catalysis A: General</i> , 2015, 504, 17-28.	4.3	46
64	Potential synergic effect between MOR and BEA zeolites in NO <sub>x</sub> SCR with methane: A dual bed design approach. <i>Applied Catalysis A: General</i> , 2015, 506, 246-253.	4.3	9
65	Dehydration of methanol to dimethyl ether over modified vermiculites. <i>Comptes Rendus Chimie</i> , 2015, 18, 1211-1222.	0.5	19
66	Use of HZSM-5 modified with citric acid as acid heterogeneous catalyst for biodiesel production via esterification of oleic acid. <i>Microporous and Mesoporous Materials</i> , 2015, 201, 160-168.	4.4	62
67	Vanadium and alumina modified with groups I and II elements for CO <sub>2</sub> and coke reaction under fluid catalytic cracking process. <i>Applied Catalysis B: Environmental</i> , 2015, 164, 225-233.	20.2	8
68	Improving HZSM-5 resistance to phenolic compounds for the bio-oils/FCC feedstocks co-processing. <i>Fuel</i> , 2015, 140, 484-494.	6.4	24
69	CO <sub>2</sub> hydrogenation into CH <sub>4</sub> on NiHNaUSY zeolites. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 101-110.	20.2	182
70	Investigation of the nature of silver species on different Ag-containing NO <sub>x</sub> reduction catalysts: On the effect of the support. <i>Applied Catalysis B: Environmental</i> , 2014, 150-151, 204-217.	20.2	31
71	Effects of oxidant acid treatments on carbon-templated hierarchical SAPO-11 materials: Synthesis, characterization and catalytic evaluation in n-decane hydroisomerization. <i>Applied Catalysis A: General</i> , 2014, 485, 230-237.	4.3	28
72	The Oil Shale Transformation in the Presence of an Acidic BEA Zeolite under Microwave Irradiation. <i>Energy &amp; Fuels</i> , 2014, 28, 2365-2377.	5.1	25

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73	Size and ability do matter! Influence of acidity and pore size on the synthesis of hindered halogenated meso-phenyl porphyrins catalysed by porous solid oxides. <i>Chemical Communications</i> , 2014, 50, 6571-6573.	4.1	37
74	Mesoporous zirconia-based mixed oxides as versatile acid catalysts for producing bio-additives from furfuryl alcohol and glycerol. <i>Applied Catalysis A: General</i> , 2014, 487, 148-157.	4.3	31
75	Copolymerisation of $\epsilon$ -caprolactone and trimethylene carbonate catalysed by methanesulfonic acid. <i>European Polymer Journal</i> , 2013, 49, 4025-4034.	5.4	17
76	Production of biomass-derived furanic ethers and levulinate esters using heterogeneous acid catalysts. <i>Green Chemistry</i> , 2013, 15, 3367.	9.0	89
77	Bio-oils Upgrading for Second Generation Biofuels. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 275-287.	3.7	178
78	Particular characteristics of silver species on Ag-exchanged LTL zeolite in K and H form. <i>Microporous and Mesoporous Materials</i> , 2013, 169, 137-147.	4.4	37
79	A New Insight Into the Mechanism of the Ring-Opening Polymerization of Trimethylene Carbonate Catalyzed by Methanesulfonic Acid. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 85-93.	2.2	17
80	Influence of rare earth elements on the acid and metal sites of Pt/HBEA catalyst for short chain n-alkane hydroisomerization. <i>Applied Catalysis A: General</i> , 2013, 466, 293-299.	4.3	21
81	Catalytic dehydration of d-xylose to 2-furfuraldehyde in the presence of Zr-(W,Al) mixed oxides. Tracing by-products using two-dimensional gas chromatography-time-of-flight mass spectrometry. <i>Catalysis Today</i> , 2012, 195, 127-135.	4.4	36
82	Decavanadate-intercalated Ni-Al hydrotalcites as precursors of mixed oxides for the oxidative dehydrogenation of propane. <i>Catalysis Today</i> , 2012, 192, 36-43.	4.4	17
83	Zinc(II) phthalocyanines immobilized in mesoporous silica Al-MCM-41 and their applications in photocatalytic degradation of pesticides. <i>Journal of Hazardous Materials</i> , 2012, 233-234, 79-88.	12.4	54
84	Towards a Deep Desilication/Dealumination of NU-10 Zeolite: Shape-Selectivity Regulation. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4190-4199.	2.0	10
85	Investigation of a stable synthetic sol-gel CaO sorbent for CO <sub>2</sub> capture. <i>Fuel</i> , 2012, 94, 624-628.	6.4	94
86	n-Heptane cracking over mixtures of HY and HZSM-5 zeolites: Influence of the presence of phenol. <i>Fuel</i> , 2012, 94, 571-577.	6.4	19
87	Aqueous-phase dehydration of xylose to furfural in the presence of MCM-22 and ITQ-2 solid acid catalysts. <i>Applied Catalysis A: General</i> , 2012, 417-418, 243-252.	4.3	92
88	Catalytic cracking in the presence of guaiacol. <i>Applied Catalysis B: Environmental</i> , 2011, 101, 613-621.	20.2	80
89	Fluidized bed plasma for pre-treatment of Co-ferrierite catalysts: An approach to NO <sub>x</sub> abatement. <i>Catalysis Today</i> , 2011, 176, 234-238.	4.4	9
90	Catalytic combustion of toluene on Pt zeolite coated cordierite foams. <i>Catalysis Today</i> , 2011, 176, 93-96.	4.4	46

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91	deNOx over Ag/H-ZSM-5: Study of NO <sub>2</sub> interaction with ethanol. <i>Catalysis Today</i> , 2011, 176, 81-87.	4.4	11
92	Study of Pt/MCM-22 based catalysts in the transformation of n-hexane: effect of rare earth elements and mode of platinum introduction. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 104, 417-428.	1.7	5
93	Bio-oils and FCC feedstocks co-processing: Impact of phenolic molecules on FCC hydrocarbons transformation over MFI. <i>Fuel</i> , 2011, 90, 467-476.	6.4	45
94	Incorporation of niobium in SAPO-11 materials: Synthesis and characterization. <i>Microporous and Mesoporous Materials</i> , 2011, 143, 284-290.	4.4	6
95	AROMATIZATION OF C <sub>6</sub> , C <sub>7</sub> PARAFFINS OVER PT/LTL CATALYSTS. <i>Catalytic Science Series</i> , 2011, , 293-302.	0.0	1
96	Total oxidation of toluene over calcined trimetallic hydrotalcites type catalysts. <i>Journal of Hazardous Materials</i> , 2010, 177, 407-413.	12.4	63
97	Dehydration of Xylose into Furfural in the Presence of Crystalline Microporous Silicoaluminophosphates. <i>Catalysis Letters</i> , 2010, 135, 41-47.	2.6	104
98	Effect of phenol adsorption on HY zeolite for n-heptane cracking: Comparison with methylcyclohexane. <i>Applied Catalysis A: General</i> , 2010, 385, 178-189.	4.3	32
99	Catalytic cyclodehydration of xylose to furfural in the presence of zeolite H-Beta and a micro/mesoporous Beta/TUD-1 composite material. <i>Applied Catalysis A: General</i> , 2010, 388, 141-148.	4.3	122
100	Immobilization of halogenated porphyrins and their copper complexes in MCM-41: Environmentally friendly photocatalysts for the degradation of pesticides. <i>Applied Catalysis B: Environmental</i> , 2010, 100, 1-9.	20.2	64
101	Acid-Catalysed Conversion of Saccharides into Furanic Aldehydes in the Presence of Three-Dimensional Mesoporous Al-TUD-1. <i>Molecules</i> , 2010, 15, 3863-3877.	3.8	77
102	Immobilization of 5,10,15,20-tetrakis-(2-fluorophenyl)porphyrin into MCM-41 and NaY: Routes toward photodegradation of pesticides. <i>Pure and Applied Chemistry</i> , 2009, 81, 2025-2033.	1.9	18
103	Cationic polymer surface treatment for zeolite washcoating deposited over cordierite foam. <i>Materials Letters</i> , 2009, 63, 572-574.	2.6	14
104	Hydroisomerization of n-decane over SAPO-11 catalysts synthesized with methylamine as co-temple. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2009, 99, 183.	1.7	2
105	Effect of phenol addition on the performances of H <sup>+</sup> Y zeolite during methylcyclohexane transformation. <i>Applied Catalysis A: General</i> , 2009, 353, 123-129.	4.3	48
106	Reduction of NO with metal-doped carbon aerogels. <i>Applied Catalysis B: Environmental</i> , 2009, 88, 135-141.	20.2	28
107	Influence of Phenol Addition on the H-ZSM-5 Zeolite Catalytic Properties during Methylcyclohexane Transformation. <i>Energy &amp; Fuels</i> , 2009, 23, 4224-4230.	5.1	64
108	Performance of supported catalysts based on a new copper vanadate-type precursor for catalytic oxidation of toluene. <i>Journal of Hazardous Materials</i> , 2008, 153, 628-634.	12.4	39



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109	Methanol interaction with NO <sub>2</sub> : An attempt to identify intermediate compounds in CH <sub>4</sub> -SCR of NO with Co/Pd-HFER catalyst. <i>Catalysis Today</i> , 2008, 137, 157-161.	4.4	11
110	Catalytic oxidation of volatile organic compounds with a new precursor type copper vanadate. <i>Catalysis Today</i> , 2008, 133-135, 502-508.	4.4	24
111	n-Hexane hydroisomerisation over bifunctional Pt/MCM-22 catalysts. Influence of the mode of Pt introduction. <i>Studies in Surface Science and Catalysis</i> , 2008, 174, 1135-1138.	1.5	7
112	Development of Carbon Coatings for Cordierite Foams: An Alternative to Cordierite Honeycombs. <i>Langmuir</i> , 2008, 24, 3267-3273.	3.5	18
113	Zeolite-coated ceramic foams for VOCs removal. <i>Studies in Surface Science and Catalysis</i> , 2008, 174, 1195-1198.	1.5	5
114	Metallic active species for deNO <sub>x</sub> SCR by methane with Co and Pd/Co HFER catalysts. <i>Studies in Surface Science and Catalysis</i> , 2008, 174, 1033-1038.	1.5	3
115	Strength Improvement of Cordierite Foams by a Dip Coating Method. <i>Materials Science Forum</i> , 2008, 587-588, 123-127.	0.3	2
116	An elegant way to increase acidity in SAPOs: use of methylamine as co-template during synthesis. <i>Studies in Surface Science and Catalysis</i> , 2008, 174, 281-284.	1.5	15
117	Methylamine as true template and TEOH as purifying agent: unexpected roles of current organic additives in the hydrothermal synthesis of microporous aluminophosphates. <i>Studies in Surface Science and Catalysis</i> , 2007, 170, 456-463.	1.5	1
118	Unusual framework stabilization of Cu(II) and Cu(I) ions in a novel copper-substituted aluminophosphate with AEN topology prepared by one pot synthesis. <i>Studies in Surface Science and Catalysis</i> , 2007, , 185-192.	1.5	2
119	CH <sub>4</sub> -SCR of NO over Co and Pd ferrierite catalysts: Effect of preparation on catalytic performance. <i>Catalysis Today</i> , 2007, 119, 156-165.	4.4	36
120	Surface photochemistry: Ketones included within a channel type solid support, the aluminophosphate AlPO <sub>4</sub> -5. <i>Journal of Molecular Structure</i> , 2007, 831, 1-9.	3.6	2
121	Improvement of toluene catalytic combustion by addition of cesium in copper exchanged zeolites. <i>Applied Catalysis B: Environmental</i> , 2007, 70, 384-392.	20.2	50
122	Al-containing MCM-41 type materials prepared by different synthesis methods: Hydrothermal stability and catalytic properties. <i>Microporous and Mesoporous Materials</i> , 2006, 94, 56-65.	4.4	52
123	Solution enthalpies of 1-bromoadamantane in monoalcohols at 298.15K. <i>Thermochimica Acta</i> , 2006, 444, 83-85.	2.7	13
124	Two new aluminophosphates, IST-1 and IST-2: First examples of a dual templating role of water and methylamine in generating microporous structures. <i>Microporous and Mesoporous Materials</i> , 2006, 90, 112-128.	4.4	13
125	Hydroisomerization of n-hexane over Pt-Ni/HBEA using Catalysts Prepared by Different Methods. <i>Catalysis Letters</i> , 2006, 109, 83-87.	2.6	22
126	Effect of Cs impregnation on the properties of platinum in Pt/Na-BEA and Pt/Cs-BEA catalysts. <i>Catalysis Today</i> , 2005, 107-108, 792-799.	4.4	8



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127	Influence of rare earth elements La, Nd and Yb on the acidity of H-MCM-22 and H-Beta zeolites. <i>Catalysis Today</i> , 2005, 107-108, 663-670.	4.4	23
128	SCR of NO with methane over Co-HBEA and PdCo-HBEA catalysts. <i>Catalysis Today</i> , 2005, 107-108, 181-191.	4.4	23
129	Isomerization of n-hexane on bifunctional catalysts Pt/HBEA and Pt/HMCM-22 with rare earth elements. <i>Studies in Surface Science and Catalysis</i> , 2005, 158, 1875-1882.	1.5	6
130	Transformation of n-hexane on PtAl/MCM-41 and PtAl/SBA-15. <i>Reaction Kinetics and Catalysis Letters</i> , 2004, 82, 139-147.	0.6	7
131	Evidence of a solvent screen effect affecting the redox properties of Co(II) ions in CoAPO-37, CoAPO-40 and CoIST-2 (AEN), by cyclic voltammetry. <i>Studies in Surface Science and Catalysis</i> , 2004, 154, 1649-1654.	1.5	1
132	Activated Carbon and Tungsten Oxide Supported on Activated Carbon Catalysts for Toluene Catalytic Combustion. <i>Environmental Science &amp; Technology</i> , 2004, 38, 4664-4670.	10.0	65
133	Structural State and Redox Behavior of Framework Co(II) in CoIST-2: A Novel Cobalt-Substituted Aluminophosphate with AEN Topology. <i>Journal of Physical Chemistry B</i> , 2004, 108, 8344-8354.	2.6	19
134	Nanocomposite catalytic materials: synthesis, characterisation and reactivity of Pt/Cs-BEA zeolites. <i>Inorganica Chimica Acta</i> , 2003, 349, 227-238.	2.4	12
135	Structure analysis of the novel microporous aluminophosphate IST-1 using synchrotron powder diffraction data and HETCOR MAS NMR. <i>Microporous and Mesoporous Materials</i> , 2003, 65, 43-57.	4.4	29
136	Influence of Cs loading and carbonates on TPR profiles of PtCsBEA. <i>Studies in Surface Science and Catalysis</i> , 2002, , 359-366.	1.5	5
137	Al-MCM-41 systems exchanged with alkali metal cations: FT-IR characterization and catalytic activity towards 1-butene isomerization. <i>Microporous and Mesoporous Materials</i> , 2002, 54, 305-317.	4.4	14
138	Basic Cs-Pt/MCM-41 Catalysts: Synthesis, Characterization and Activity in n-Hexane Conversion. <i>Catalysis Letters</i> , 2002, 83, 221-229.	2.6	11
139	Catalytic oxidation of toluene over CuNaHY zeolites. <i>Applied Catalysis B: Environmental</i> , 2001, 33, 149-164.	20.2	85
140	Synthesis and characterization of new CoAPSO-40 and ZnAPSO-40 molecular sieves. Influence of the composition on the thermal and hydrothermal stability of AlPO4-40-based materials. <i>Microporous and Mesoporous Materials</i> , 2000, 38, 267-278.	4.4	26
141	Influence of the Alkali in Pt/Alkali- $\beta$ Zeolite on the Pt Characteristics and Catalytic Activity in the Transformation of n-Hexane. <i>Journal of Catalysis</i> , 2000, 195, 342-351.	6.2	36
142	Basic Cs A new support for Pt nanoparticles active in aromatization of parafins. <i>Studies in Surface Science and Catalysis</i> , 2000, , 2993-2998.	1.5	4
143	Selective catalytic reduction of NO on copper-exchanged zeolites: the role of the structure of the zeolite in the nature of copper-active sites. <i>Catalysis Today</i> , 1999, 54, 407-418.	4.4	85
144	Influence of Cesium in Pt/NaCs $\beta$ on the Physico-Chemical and Catalytic Properties of the Pt Clusters in the Aromatization of n-Hexane. <i>Journal of Catalysis</i> , 1999, 181, 244-255.	6.2	27

#	ARTICLE	IF	CITATIONS
145	Aromatization of n-Heptane on Pt/Alkali or Alkali-Earth Exchanged Beta Zeolite Catalysts: Catalyst Deactivation and Regeneration. <i>Journal of Catalysis</i> , 1998, 178, 1-13.	6.2	32
146	An FT-IR study of NO adsorption over Cu-exchanged MFI catalysts: Effect of Si/Al ratio, copper loading and catalyst pre-treatment. <i>Applied Catalysis B: Environmental</i> , 1998, 16, 79-95.	20.2	47
147	Generation of acid sites by incorporation of cobalt in the AFR structure. <i>Studies in Surface Science and Catalysis</i> , 1997, , 1973-1980.	1.5	3
148	Spectroscopic Characterization of the Hydroxyl Groups in SAPO-40. 2. Interaction with CO and N <sub>2</sub> . <i>Journal of Physical Chemistry B</i> , 1997, 101, 9244-9249.	2.6	19
149	Selective catalytic reduction of NO with propene over CuMFI zeolites: dependence on Si/Al ratio and copper loading. <i>Applied Catalysis B: Environmental</i> , 1997, 11, 383-401.	20.2	39
150	Characterisation of CuMFI catalysts by temperature programmed desorption of NO and temperature programmed reduction. Effect of the zeolite Si/Al ratio and copper loading. <i>Applied Catalysis B: Environmental</i> , 1997, 12, 249-262.	20.2	86
151	Copper-exchanged mordenites as active catalysts for NO selective catalytic reduction by propene under oxidising conditions: Effect of Si/Al ratio, copper content and Brønsted acidity. <i>Applied Catalysis B: Environmental</i> , 1997, 13, 251-264.	20.2	13
152	NO TPD and H <sub>2</sub> -TPR studies for characterisation of CuMOR catalysts The role of Si/Al ratio, copper content and cocation. <i>Applied Catalysis B: Environmental</i> , 1997, 14, 261-272.	20.2	85
153	Title is missing!. <i>Catalysis Letters</i> , 1997, 43, 31-36.	2.6	26
154	Title is missing!. <i>Catalysis Letters</i> , 1997, 43, 25-29.	2.6	21
155	Title is missing!. <i>Catalysis Letters</i> , 1997, 48, 69-73.	2.6	5
156	Synthesis, characterization, and catalytic properties of AlPO <sub>4</sub> -40, CoAPO-40, and ZnAPO-40. <i>Zeolites</i> , 1997, 18, 398-407.	0.5	22
157	Multiple-quantum <sup>27</sup> Al MAS n.m.r. spectroscopy of microporous AlPO <sub>4</sub> -40 and SAPO-40. <i>Zeolites</i> , 1997, 19, 156-160.	0.5	23
158	Disproportionation of ethylbenzene over SAPO-40. <i>Reaction Kinetics and Catalysis Letters</i> , 1996, 59, 219-225.	0.6	4
159	Influence of the treatment of mordenite by ammonium hexafluorosilicate on physicochemical and catalytic properties. <i>Zeolites</i> , 1996, 16, 275-280.	0.5	19
160	Characterization of stability and porosity of SAPO-40 using m-xylene as model reaction. <i>Applied Catalysis A: General</i> , 1996, 148, 167-180.	4.3	12
161	Structure-activity relationship in zeolites. <i>Journal of Molecular Catalysis A</i> , 1995, 96, 245-270.	4.8	87
162	Transformation of an ethylbenzene-o-xylene mixture on HMOR and Pt-HMOR catalysts. Comparison with ZSM-5 catalysts. <i>Applied Catalysis A: General</i> , 1995, 125, 15-27.	4.3	29

#	ARTICLE	IF	CITATIONS
163	Influence of platinum on the transformation of an ethylbenzene-o-xylene mixture on H-ZSM-5. Applied Catalysis A: General, 1995, 125, 1-14.	4.3	26
164	Thermal and hydrothermal stability of the silicoaluminophosphate SAPO-40. Microporous Materials, 1995, 4, 445-453.	1.6	19
165	Dealumination of the outer surface of MFI zeolites by ammonium hexafluorosilicate. Reaction Kinetics and Catalysis Letters, 1995, 54, 209-215.	0.6	13
166	Isomerization of C8 aromatic cut. Improvement of the selectivity of MOR- and MFI-catalysts by treatment with aqueous solutions of (NH <sub>4</sub> ) <sub>2</sub> SiF <sub>6</sub> . Studies in Surface Science and Catalysis, 1995, , 393-400.	1.5	3
167	Solid-state NMR and powder XRD studies of the structure of SAPO-40 upon hydration&quot;dehydration cycles. Journal of the Chemical Society, Faraday Transactions, 1995, 91, 2213-2215.	1.7	9
168	Study of Catalytic Properties of SAPO-40. Studies in Surface Science and Catalysis, 1994, 84, 867-874.	1.5	20
169	Isomerization of C8 Aromatic Cuts on Modified Zeolite Catalysts With Different Structures.. Studies in Surface Science and Catalysis, 1989, , 1349-1356.	1.5	0
170	Influence of Si/Al ratio on the catalytic properties of NiH mordenite in the disproportionation of toluene. Journal of Molecular Catalysis, 1987, 39, 269-276.	1.2	2
171	Effect of nickel poisoning with sulphur or lead on the activity, selectivity and stability of ni-h mordenite catalysts in the disproportionation of toluene. Journal of Molecular Catalysis, 1986, 35, 227-236.	1.2	6
172	Selective Catalytic Reduction of NO&lt;sub&gt;x&lt;/sub&gt; over Zeolite-Coated Cordierite-Based Ceramic Foams: Water Deactivation. Materials Science Forum, 0, 587-588, 810-814.	0.3	1
173	Cordierite Foam Supports Washcoated with Zeolite-Based Catalysts for Volatile Organic Compounds (VOCs) Combustion. Materials Science Forum, 0, 636-637, 104-110.	0.3	6