

Pedro J Maireles-Torres

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158
papers

5,908
citations

45
h-index

71
g-index

168
ext. papers

6,588
ext. citations

7.4
avg, IF

5.82
L-index

#	Paper	IF	Citations
158	Highly efficient non-microwave instant heating synthesis of hexyl levulinate fuel additive enhanced by sulfated nanosilica catalyst. <i>Microporous and Mesoporous Materials</i> , 2022 , 331, 111645	5.3	1
157	Tailoring the selectivity of Cu-based catalysts in the furfural hydrogenation reaction: Influence of the morphology of the silica support. <i>Fuel</i> , 2022 , 319, 123827	7.1	0
156	Porous SiO Nanospheres Modified with ZrO and Their Use in One-Pot Catalytic Processes to Obtain Value-Added Chemicals from Furfural.. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 18791-18805 ²	3.9	18805 ²
155	Influence of Lewis acidity and CaCl ₂ on the direct transformation of glucose to 5-hydroxymethylfurfural. <i>Molecular Catalysis</i> , 2021 , 510, 111685	3.3	2
154	PdO Supported on TiO ₂ for the Oxidative Condensation of Furfural with Ethanol: Insights on Reactivity and Product Selectivity. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 10100-10112	8.3	2
153	Influence of morphology of zirconium-doped mesoporous silicas on 5-hydroxymethylfurfural production from mono-, di- and polysaccharides. <i>Catalysis Today</i> , 2021 , 367, 297-309	5.3	3
152	Evaluation of the ZrO ₂ /Al ₂ O ₃ system as catalysts in the catalytic transfer hydrogenation of furfural to obtain furfuryl alcohol. <i>Applied Catalysis A: General</i> , 2021 , 609, 117905	5.1	17
151	Microbial Degradation of Lignocellulosic Biomass to Obtain High Value-Added Products. <i>Environmental and Microbial Biotechnology</i> , 2021 , 283-314	1.4	
150	Continuous-Flow Methyl Methacrylate Synthesis over Gallium-Based Bifunctional Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 1790-1803	8.3	1
149	Synthesis of catalysts by pyrolysis of Cu-chitosan complexes and their evaluation in the hydrogenation of furfural to value-added products. <i>Molecular Catalysis</i> , 2021 , 512, 111774	3.3	1
148	Gas phase hydrogenation of furfural to obtain valuable products using commercial Cr-free catalysts as an environmentally sustainable alternative to copper chromite. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105468	6.8	4
147	2-MeTHF 2021 , 75-98		1
146	The relevance of Lewis acid sites on the gas phase reaction of levulinic acid into ethyl valerate using CoSBA-xAl bifunctional catalysts. <i>Catalysis Science and Technology</i> , 2021 , 11, 4280-4293	5.5	1
145	Gas-Phase Hydrogenation of Furfural to Furfuryl Alcohol over Cu-ZnO-Al ₂ O ₃ Catalysts Prepared from Layered Double Hydroxides. <i>Catalysts</i> , 2020 , 10, 486	4	9
144	Semi-continuous mechanochemical process for biodiesel production under heterogeneous catalysis using calcium diglyceroxide. <i>Renewable Energy</i> , 2020 , 159, 117-126	8.1	7
143	Recovery of pentoses-containing olive stones for their conversion into furfural in the presence of solid acid catalysts. <i>Chemical Engineering Research and Design</i> , 2020 , 143, 1-13	5.5	2
142	Mineralizer effects on the physicochemical and catalytic properties of AlMCM-41 mesoporous materials. <i>Microporous and Mesoporous Materials</i> , 2020 , 297, 110016	5.3	1

141	The role of nitride species in the gas-phase furfural hydrogenation activity of supported nickel catalysts. <i>Molecular Catalysis</i> , 2020 , 487, 110889	3.3	7
140	Morphological effects on catalytic performance of LTL zeolites in acylation of 2-methylfuran enhanced by non-microwave instant heating. <i>Materials Chemistry and Physics</i> , 2020 , 244, 122688	4.4	9
139	Advances in catalytic routes for the production of carboxylic acids from biomass: a step forward for sustainable polymers. <i>Chemical Society Reviews</i> , 2020 ,	58.5	50
138	Oxidative Condensation of Furfural with Ethanol Using Pd-Based Catalysts: Influence of the Support. <i>Catalysts</i> , 2020 , 10, 1309	4	1
137	Catalytic Activity of Mixed Al ₂ O ₃ -ZrO ₂ Oxides for Glucose Conversion into 5-Hydroxymethylfurfural. <i>Catalysts</i> , 2020 , 10, 878	4	5
136	Oxidation of lignocellulosic platform molecules to value-added chemicals using heterogeneous catalytic technologies. <i>Catalysis Science and Technology</i> , 2020 , 10, 2721-2757	5.5	32
135	Influence of the Incorporation of Basic or Amphoteric Oxides on the Performance of Cu-Based Catalysts Supported on Sepiolite in Furfural Hydrogenation. <i>Catalysts</i> , 2019 , 9, 315	4	10
134	Selective Production of Furan from Gas-Phase Furfural Decarbonylation on Ni-MgO Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 7676-7685	8.3	25
133	Ni supported on sepiolite catalysts for the hydrogenation of furfural to value-added chemicals: influence of the synthesis method on the catalytic performance. <i>Topics in Catalysis</i> , 2019 , 62, 535-550	2.3	14
132	Influence of Structure-modifying Agents in the Synthesis of Zr-doped SBA-15 Silica and Their Use as Catalysts in the Furfural Hydrogenation to Obtain High Value-added Products through the Meerwein-Ponndorf-Verley Reduction. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	18
131	Synergistic effect between CaCl ₂ and γ-Al ₂ O ₃ for furfural production by dehydration of hemicellulosic carbohydrates. <i>Applied Catalysis A: General</i> , 2019 , 585, 117188	5.1	14
130	Ultrasmlal Cs-AlMCM-41 basic catalysts: Effects of aluminum addition on their physico-chemical and catalytic properties. <i>Microporous and Mesoporous Materials</i> , 2019 , 288, 109599	5.3	3
129	Catalytic transfer hydrogenation of furfural to furfuryl alcohol over calcined MgFe hydrotalcites. <i>Applied Clay Science</i> , 2019 , 183, 105351	5.2	18
128	Direct Conversion of Levulinic Acid into Valeric Biofuels Using Pd Supported Over Zeolites as Catalysts. <i>Topics in Catalysis</i> , 2019 , 62, 579-588	2.3	13
127	Use of Ion-Exchange Resins in Dehydration Reactions 2019 , 1-18		
126	Selective Conversion of Glucose to 5-Hydroxymethylfurfural by Using L-Type Zeolites with Different Morphologies. <i>Catalysts</i> , 2019 , 9, 1073	4	11
125	Selective production of furfuryl alcohol from furfural by catalytic transfer hydrogenation over commercial aluminas. <i>Applied Catalysis A: General</i> , 2018 , 556, 1-9	5.1	63
124	Effect of the treatment with H ₃ PO ₄ on the catalytic activity of Nb ₂ O ₅ supported on Zr-doped mesoporous silica catalyst. Case study: Glycerol dehydration. <i>Applied Catalysis B: Environmental</i> , 2018 , 221, 158-168	21.8	34

123	Promotion effect of Ce or Zn oxides for improving furfuryl alcohol yield in the furfural hydrogenation using inexpensive Cu-based catalysts. <i>Molecular Catalysis</i> , 2018 , 455, 121-131	3.3	34
122	Amination of Furfural. <i>Sustainable Chemistry Series</i> , 2018 , 191-196	0.4	1
121	Tetrahydrofurfuryl Alcohol and Derivatives. <i>Sustainable Chemistry Series</i> , 2018 , 79-89	0.4	
120	Furfuryl Alcohol and Derivatives. <i>Sustainable Chemistry Series</i> , 2018 , 55-78	0.4	
119	Porous Silicon-Based Catalysts for the Dehydration of Glycerol to High Value-Added Products. <i>Materials</i> , 2018 , 11,	3.5	7
118	Gas-phase hydrogenation of furfural over Cu/CeO ₂ catalysts. <i>Catalysis Today</i> , 2017 , 279, 327-338	5.3	55
117	Dehydration of sorbitol to isosorbide over sulfonic acid resins under solvent-free conditions. <i>Applied Catalysis A: General</i> , 2017 , 537, 66-73	5.1	26
116	Selective Production of 2-Methylfuran by Gas-Phase Hydrogenation of Furfural on Copper Incorporated by Complexation in Mesoporous Silica Catalysts. <i>ChemSusChem</i> , 2017 , 10, 1448-1459	8.3	38
115	Beneficial effects of calcium chloride on glucose dehydration to 5-hydroxymethylfurfural in the presence of alumina as catalyst. <i>Applied Catalysis B: Environmental</i> , 2017 , 206, 617-625	21.8	58
114	Selective Furfural Hydrogenation to Furfuryl Alcohol Using Cu-Based Catalysts Supported on Clay Minerals. <i>Topics in Catalysis</i> , 2017 , 60, 1040-1053	2.3	27
113	Aluminum doped mesoporous silica SBA-15 for glycerol dehydration to value-added chemicals. <i>Journal of Sol-Gel Science and Technology</i> , 2017 , 83, 342-354	2.3	6
112	Nickel Phosphide/Silica Catalysts for the Gas-Phase Hydrogenation of Furfural to High-Value Chemicals. <i>ChemCatChem</i> , 2017 , 9, 2881-2889	5.2	24
111	The Key Role of Textural Properties of Aluminosilicates in the Acid-Catalysed Dehydration of Glucose into 5-Hydroxymethylfurfural. <i>ChemistrySelect</i> , 2017 , 2, 2444-2451	1.8	15
110	Optimization of nickel loading of mixed oxide catalyst ex-hydrocalcite for H ₂ production by methane decomposition. <i>Applied Catalysis A: General</i> , 2017 , 548, 71-82	5.1	25
109	Brønsted and Lewis acid ZSM-5 zeolites for the catalytic dehydration of glucose into 5-hydroxymethylfurfural. <i>Chemical Engineering Journal</i> , 2016 , 303, 22-30	14.7	124
108	WO ₃ supported on Zr doped mesoporous SBA-15 silica for glycerol dehydration to acrolein. <i>Applied Catalysis A: General</i> , 2016 , 516, 30-40	5.1	29
107	Gas-phase hydrogenation of furfural to furfuryl alcohol over Cu/ZnO catalysts. <i>Journal of Catalysis</i> , 2016 , 336, 107-115	7.3	141
106	Furfural: a renewable and versatile platform molecule for the synthesis of chemicals and fuels. <i>Energy and Environmental Science</i> , 2016 , 9, 1144-1189	35.4	865

105	Vapor Phase Decarbonylation of Furfural to Furan over Nickel Supported on SBA-15 Silica Catalysts. <i>Modern Research in Catalysis</i> , 2016 , 05, 85-94	0.6	12
104	Influence of the niobium supported species on the catalytic dehydration of glycerol to acrolein. <i>Applied Catalysis B: Environmental</i> , 2015 , 179, 139-149	21.8	53
103	Production of 5-hydroxymethylfurfural from glucose using aluminium doped MCM-41 silica as acid catalyst. <i>Applied Catalysis B: Environmental</i> , 2015 , 164, 70-76	21.8	113
102	REALCAT: A New Platform to Bring Catalysis to the Lightspeed. <i>Oil and Gas Science and Technology</i> , 2015 , 70, 455-462	1.9	6
101	V and VB containing Zr-SBA-15 catalysts for dehydration of glycerol to acrolein. <i>Catalysis Today</i> , 2015 , 254, 43-52	5.3	34
100	Glucose dehydration to 5-hydroxymethylfurfural on zirconium containing mesoporous MCM-41 silica catalysts. <i>Fuel</i> , 2014 , 118, 265-271	7.1	70
99	Acetalization of furfural with zeolites under benign reaction conditions. <i>Catalysis Today</i> , 2014 , 234, 233-236	3.6	54
98	Glycerol valorization by etherification to polyglycerols by using metal oxides derived from MgFe hydroxalicates. <i>Applied Catalysis A: General</i> , 2014 , 470, 199-207	5.1	55
97	Dehydration of d-xylose to furfural using different supported niobia catalysts. <i>Applied Catalysis B: Environmental</i> , 2014 , 152-153, 1-10	21.8	54
96	Mesoporous tantalum oxide as catalyst for dehydration of glucose to 5-hydroxymethylfurfural. <i>Applied Catalysis B: Environmental</i> , 2014 , 154-155, 190-196	21.8	66
95	Mesoporous Nb ₂ O ₅ as solid acid catalyst for dehydration of d-xylose into furfural. <i>Catalysis Today</i> , 2014 , 234, 119-124	5.3	46
94	Furfuryl alcohol from furfural hydrogenation over copper supported on SBA-15 silica catalysts. <i>Journal of Molecular Catalysis A</i> , 2014 , 383-384, 106-113		132
93	Selective dehydration of glucose to 5-hydroxymethylfurfural on acidic mesoporous tantalum phosphate. <i>Applied Catalysis B: Environmental</i> , 2014 , 144, 22-28	21.8	99
92	Dehydration of xylose to furfural using a Lewis or Brønsted acid catalyst and N ₂ stripping. <i>Chinese Journal of Catalysis</i> , 2013 , 34, 1402-1406	11.3	26
91	Structural and surface study of calcium glyceroxide, an active phase for biodiesel production under heterogeneous catalysis. <i>Journal of Catalysis</i> , 2013 , 300, 30-36	7.3	65
90	Dehydration of xylose to furfural over MCM-41-supported niobium-oxide catalysts. <i>ChemSusChem</i> , 2013 , 6, 635-42	8.3	71
89	Calcium zincate derived heterogeneous catalyst for biodiesel production by ethanolysis. <i>Fuel</i> , 2013 , 105, 518-522	7.1	31
88	Zirconium doped mesoporous silica catalysts for dehydration of glycerol to high added-value products. <i>Applied Catalysis A: General</i> , 2012 , 433-434, 179-187	5.1	50

87	Mesoporous tantalum phosphate as acidic catalyst for the methanolysis of sunflower oil. <i>Applied Catalysis B: Environmental</i> , 2012 , 123-124, 316-323	21.8	18
86	Preparation of stable sulfated zirconia by thermal activation from a zirconium doped mesoporous MCM-41 silica: Application to the esterification of oleic acid with methanol. <i>Fuel Processing Technology</i> , 2012 , 97, 65-70	7.2	16
85	Methanolysis of sunflower oil catalyzed by acidic Ta ₂ O ₅ supported on SBA-15. <i>Applied Catalysis A: General</i> , 2011 , 405, 93-100	5.1	14
84	Niobium-containing MCM-41 silica catalysts for biodiesel production. <i>Applied Catalysis B: Environmental</i> , 2011 , 108-109, 161-167	21.8	59
83	Preparation, characterization and catalytic applications of ZrO ₂ supported on low cost SBA-15. <i>Adsorption</i> , 2011 , 17, 527-538	2.6	11
82	Etherification of glycerol to polyglycerols over MgAl mixed oxides. <i>Catalysis Today</i> , 2011 , 167, 84-90	5.3	71
81	Aluminum doped SBA-15 silica as acid catalyst for the methanolysis of sunflower oil. <i>Applied Catalysis B: Environmental</i> , 2011 , 105, 199-205	21.8	28
80	Biodiesel production from sunflower oil by tungsten oxide supported on zirconium doped MCM-41 silica. <i>Journal of Molecular Catalysis A</i> , 2011 , 335, 205-209		45
79	Calcined zirconium sulfate supported on MCM-41 silica as acid catalyst for ethanolysis of sunflower oil. <i>Applied Catalysis B: Environmental</i> , 2011 , 103, 91-98	21.8	43
78	Base Catalysts Derived from Hydrocalumite for the Transesterification of Sunflower Oil. <i>Energy & Fuels</i> , 2010 , 24, 979-984	4.1	45
77	Zirconium doped MCM-41 supported WO ₃ solid acid catalysts for the esterification of oleic acid with methanol. <i>Applied Catalysis A: General</i> , 2010 , 379, 61-68	5.1	52
76	Heterogeneous transesterification processes by using CaO supported on zinc oxide as basic catalysts. <i>Catalysis Today</i> , 2010 , 149, 281-287	5.3	123
75	Transesterification of ethyl butyrate with methanol using MgO/CaO catalysts. <i>Journal of Molecular Catalysis A</i> , 2009 , 300, 19-24		61
74	Al-SBA-15 as a support of catalysts based on chromium sulfide for sulfur removal. <i>Catalysis Today</i> , 2009 , 143, 137-144	5.3	15
73	Biodiesel preparation using Li/CaO catalysts: Activation process and homogeneous contribution. <i>Catalysis Today</i> , 2009 , 143, 167-171	5.3	81
72	Calcium zincate as precursor of active catalysts for biodiesel production under mild conditions. <i>Applied Catalysis B: Environmental</i> , 2009 , 91, 339-346	21.8	57
71	CaO supported on mesoporous silicas as basic catalysts for transesterification reactions. <i>Applied Catalysis A: General</i> , 2008 , 334, 35-43	5.1	251
70	MgM (M = Al and Ca) oxides as basic catalysts in transesterification processes. <i>Applied Catalysis A: General</i> , 2008 , 347, 162-168	5.1	75

69	Hydrogenation of tetralin over mixed PtMo supported on zirconium doped mesoporous silica: Use of polynuclear organometallic precursors. <i>Journal of Molecular Catalysis A</i> , 2006 , 252, 31-39		12
68	Evaluation of the acid properties of porous zirconium-doped and undoped silica materials. <i>Journal of Solid State Chemistry</i> , 2006 , 179, 2182-2189	3.3	22
67	Influence of the metallic precursor in the hydrogenation of tetralin over PdPt supported zirconium doped mesoporous silica. <i>Green Chemistry</i> , 2005 , 7, 793	10	15
66	Gas-phase hydrogenation of acetonitrile over Pt and PtPd supported on mesoporous solids: influence of the metallic precursor. <i>Applied Catalysis A: General</i> , 2005 , 288, 34-42	5.1	26
65	Superficial characterization and hydroconversion of tetralin over NiW sulfide catalysts supported on zirconium doped mesoporous silica. <i>Applied Catalysis A: General</i> , 2004 , 262, 111-120	5.1	16
64	A new low-cost synthetic route to obtain zirconium containing mesoporous silica. <i>Microporous and Mesoporous Materials</i> , 2004 , 75, 23-32	5.3	49
63	Nickel supported on porous silica as catalysts for the gas-phase hydrogenation of acetonitrile. <i>Journal of Catalysis</i> , 2004 , 225, 479-488	7.3	44
62	Hydrogenation and ring opening of tetralin on noble metal supported on zirconium doped mesoporous silica catalysts. <i>Applied Catalysis A: General</i> , 2004 , 260, 9-18	5.1	49
61	Effects of preparation method and sulfur poisoning on the hydrogenation and ring opening of tetralin on NiW/zirconium-doped mesoporous silica catalysts. <i>Journal of Catalysis</i> , 2003 , 220, 457-467	7.3	25
60	Textural and structural properties and surface acidity characterization of mesoporous silica-zirconia molecular sieves. <i>Journal of Solid State Chemistry</i> , 2003 , 175, 159-169	3.3	127
59	Gas-phase hydrogenation of acetonitrile on zirconium-doped mesoporous silica-supported nickel catalysts. <i>Journal of Molecular Catalysis A</i> , 2003 , 193, 185-196		27
58	Nickel-impregnated zirconium-doped mesoporous molecular sieves as catalysts for the hydrogenation and ring-opening of tetralin. <i>Applied Catalysis A: General</i> , 2003 , 240, 83-94	5.1	36
57	Hydrogenation and Ring Opening of Tetralin on Supported Nickel Zirconium-Doped Mesoporous Silica Catalysts. Influence of the Nickel Precursor. <i>Langmuir</i> , 2003 , 19, 4985-4991	4	52
56	Cobalt supported on zirconium doped mesoporous silica: a selective catalyst for reduction of NO with ammonia at low temperatures. <i>Applied Catalysis B: Environmental</i> , 2002 , 38, 51-60	21.8	26
55	Liquid phase acetophenone hydrogenation on Ru/Cr/B catalysts supported on silica. <i>Journal of Molecular Catalysis A</i> , 2002 , 188, 133-139		40
54	Selective Catalytic Reduction of NO by Ammonia at Low Temperatures on Catalysts Based on Copper Oxide Supported on a Zirconium-Doped Mesoporous Silica. <i>Catalysis Letters</i> , 2002 , 82, 205-212	2.8	15
53	Nickel oxide supported on zirconium-doped mesoporous silica for selective catalytic reduction of NO with NH ₃ . <i>Journal of Materials Chemistry</i> , 2002 , 12, 3331-3336		34
52	Cobalt-based alumina pillared zirconium phosphate catalysts for the selective catalytic reduction of NO by propane. <i>Chemosphere</i> , 2002 , 48, 467-74	8.4	12

51	Gas-phase hydrogenation of acetonitrile over nickel supported on alumina- and mixed alumina/gallium oxide-pillared tin phosphate catalysts. <i>Journal of Molecular Catalysis A</i> , 2001 , 168, 279-287		13
50	Chromium oxide supported on zirconium- and lanthanum-doped mesoporous silica for oxidative dehydrogenation of propane. <i>Applied Catalysis A: General</i> , 2001 , 218, 295-306	5.1	60
49	Si/Zr mesoporous catalysts for the vapour phase synthesis of alkylindoles. <i>Applied Catalysis A: General</i> , 2001 , 220, 105-112	5.1	19
48	Hydrogenation and Ring-Opening of Tetralin on Ni and NiMo Supported on Alumina-Pillared Zirconium Phosphate Catalysts. A Thiotolerance Study. <i>Journal of Catalysis</i> , 2001 , 203, 122-132	7.3	48
47	Selective catalytic reduction of NO by propane on copper containing alumina pillared Zirconium phosphates. <i>Applied Catalysis B: Environmental</i> , 2001 , 29, 1-11	21.8	26
46	Copper supported on mixed alumina/gallium oxide pillared tin phosphate for De-NOx applications. <i>Green Chemistry</i> , 2001 , 3, 289-295	10	7
45	Synthesis and Characterization of Novel Alumina-Pillared Zirconium Phosphates. <i>Langmuir</i> , 2001 , 17, 3769-3775	4	7
44	Chromium-impregnated mesoporous silica as catalysts for the oxidative dehydrogenation of propane. <i>Studies in Surface Science and Catalysis</i> , 2000 , 130, 1865-1870	1.8	3
43	Catalytic behaviour of chromium supported mesoporous MCM-41 silica in the oxidative dehydrogenation of propane. <i>Catalysis Letters</i> , 2000 , 64, 209-214	2.8	37
42	Catalytic behavior of vanadium-containing mesoporous silicas in the oxidative dehydrogenation of propane. <i>Catalysis Letters</i> , 2000 , 68, 67-73	2.8	55
41	High surface area mesoporous titanium phosphate:synthesis and surface acidity determination. <i>Journal of Materials Chemistry</i> , 2000 , 10, 1957-1963		93
40	INFLUENCE OF SURFACTANT REMOVAL PROCEDURE ON STRUCTURAL, TEXTURAL AND ACID PROPERTIES OF A MESOPOROUS FORM OF ZIRCONIUM PHOSPHATE. <i>Phosphorus Research Bulletin</i> , 1999 , 10, 460-465	0.3	
39	Proton conductivity of mesoporous MCM type of zirconium and titanium phosphates. <i>Solid State Ionics</i> , 1999 , 125, 407-410	3.3	32
38	Sorption kinetics and diffusion of cadmium in calcium hydroxyapatites. <i>Solid State Sciences</i> , 1999 , 1, 71-83	3.4	44
37	Insertion of Gallium Oxide into Titanium Phosphate Using a Surfactant Expanded Phase as Precursor. <i>Journal of Solid State Chemistry</i> , 1999 , 147, 664-670	3.3	4
36	Calcium hydroxyapatites: evaluation of sorption properties for cadmium ions in aqueous solution. <i>Journal of Materials Science</i> , 1998 , 33, 5433-5439	4.3	37
35	Surfactant-Assisted Synthesis of a Mesoporous Form of Zirconium Phosphate with Acidic Properties. <i>Advanced Materials</i> , 1998 , 10, 812-815	24	118
34	Propane dehydrogenation on mesoporous chromium-containing silica catalysts. <i>Studies in Surface Science and Catalysis</i> , 1998 , 903-910	1.8	4

33	Factors Influencing on the Surface Properties of Chromia-Pillared Zirconium Phosphate Materials. <i>Langmuir</i> , 1998 , 14, 4017-4024	4	10
32	Porous Fluorinated Aluminum and Mixed Gallium/Aluminum Oxide Pillared Tin Phosphate Materials with Acid Properties. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 1672-1678	3-4	10
31	Sol-gel synthesis of surfactant-expanded layered titanium phosphates. <i>Molecular Crystals and Liquid Crystals</i> , 1998 , 311, 257-262		4
30	Sol-gel Synthesis of Dodecyltrimethylammonium-Expanded Zirconium Phosphate and Its Application to the Preparation of Acidic Porous Oligomeric Gallium(III)-Exchanged Materials. <i>Langmuir</i> , 1997 , 13, 2857-2862	4	25
29	Surface characterisation of zirconium-doped mesoporous silica. <i>Chemical Communications</i> , 1997 , 431-432	5-8	85
28	Dielectric properties of Li ⁺ -exchanged mixed Fe ²⁺ /Cr oxide pillared phosphate. <i>Journal of Alloys and Compounds</i> , 1997 , 262-263, 281-286	5-7	2
27	Electrical conductivity of chromia-pillared zirconium phosphate. <i>Journal of Alloys and Compounds</i> , 1997 , 262-263, 287-291	5-7	1
26	Nanostructured Inorganically Pillared Layered Metal(IV) Phosphates. <i>Chemistry of Materials</i> , 1996 , 8, 1758-1769	9-6	80
25	Quantum size effects induced by confinement of C ₆₀ in MCM41. <i>Solid State Communications</i> , 1996 , 100, 237-240	1-6	21
24	MAS-NMR Study of Pillared α-Tin and α-Zirconium Phosphates with Aluminum Oligomers. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 1491-1497		17
23	Two-Dimensional Nanocomposites: Alternating Inorganic-Organic Polymer Layers in Zirconium Phosphate. <i>Chemistry of Materials</i> , 1995 , 7, 562-571	9-6	77
22	Chromia Pillaring in α-Zirconium Phosphate: A Structural Investigation Using X-Ray Absorption Spectroscopy. <i>Inorganic Chemistry</i> , 1995 , 34, 4611-4617	5-1	24
21	Synthesis Optimization and Crystal Structures of Layered Metal(IV) Hydrogen Phosphates, α-M(HPO ₄) ₂ ·nH ₂ O (M = Ti, Sn, Pb). <i>Inorganic Chemistry</i> , 1995 , 34, 893-899	5-1	71
20	Hopping conductivity in lithium-exchanged pillared layered tin phosphate materials?. <i>Solid State Ionics</i> , 1994 , 73, 67-73	3-3	5
19	Mixed alumina-chromia pillared layered zirconium phosphate. <i>Journal of Materials Chemistry</i> , 1994 , 4, 179-184		18
18	Nano/nanocomposite systems: in situ growth of particles and clusters of semiconductor metal sulfides in porous silica-pillared layered phosphates. <i>Journal of Materials Chemistry</i> , 1994 , 4, 189-195		21
17	Electrical Conductivity in Mesoporous and Microporous Pillared Layered Phosphate Structures. <i>Materials Research Society Symposia Proceedings</i> , 1994 , 371, 175		1
16	Layered basic copper anion exchangers: chemical characterisation and X-ray absorption study. <i>Journal of Materials Chemistry</i> , 1993 , 3, 303-307		26

15	Pillared Clays Prepared from the Reaction of Chromium Acetate with Montmorillonite. <i>Clays and Clay Minerals</i> , 1993 , 41, 328-334	2.1	20
14	Electrical conductivity of alumina-pillared β -tin phosphate. <i>Solid State Ionics</i> , 1993 , 61, 139-142	3.3	6
13	Oxide-Pillared Layered β -Metal(IV) Hydrogen Phosphates 1993 , 273-287		4
12	Ion Transport in Alumina-Pillared Zirconium Phosphate. <i>Materials Research Society Symposia Proceedings</i> , 1992 , 286, 347		1
11	Surface chemistry of chromia-pillared tin and zirconium phosphate materials: an X-ray photoelectron spectroscopic study. <i>Journal of Materials Chemistry</i> , 1992 , 2, 1175		19
10	Formation of polypyrrole chains in alumina and chromia-pillared layered phosphates. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1992 , 14, 327-337		14
9	Porous chromia-pillared β -tin phosphate materials. <i>Journal of Solid State Chemistry</i> , 1991 , 94, 368-380	3.3	27
8	Porous chromia-pillared β -zirconium phosphate materials prepared via colloid methods. <i>Journal of Materials Chemistry</i> , 1991 , 1, 739-746		45
7	Porous cross-linked materials formed by oligomeric aluminium hydroxides and β -tin phosphate. <i>Journal of Materials Chemistry</i> , 1991 , 1, 319-326		38
6	Sur l'orientation de moléules basiques dans l'espace interlamellaire du phosphate de β -tin. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1991 , 88, 2007-2012		2
5	Intercalates of β -Sn(HP04) $_2$ \cdot H $_2$ O with aromatic and heterocyclic bases and some comments on their orientation in the interlayer region. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1990 , 9, 207-217		2
4	New Cross-Linked Layered Tin Phosphate Exchangers 1990 , 95-101		4
3	The first high specific surface area, pillared, layered phosphate with a narrow pore size distribution. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 751		20
2	Intercalation of aromatic amines into β -tin(IV) hydrogenphosphate monohydrate. <i>Canadian Journal of Chemistry</i> , 1989 , 67, 2095-2101	0.9	8
1	Synthesis of Porous Clay Heterostructures Modified with SiO $_2$ /ZrO $_2$ Nanoparticles for the Valorization of Furfural in One-Pot Process. <i>Advanced Sustainable Systems</i> , 2100453	5.9	0