Pedro J Maireles-Torres

List of Publications by Year
in descending order

160 papers	7,395 citations	53939 47 h-index	71088 80 g-index
168 all docs	168 docs citations	168 times ranked	7319 citing authors

#	Article	IF	Citations
1	Highly efficient non-microwave instant heating synthesis of hexyl levulinate fuel additive enhanced by sulfated nanosilica catalyst. Microporous and Mesoporous Materials, 2022, 331, 111645.	2.2	6
2	Synthesis of Porous Clay Heterostructures Modified with SiO₂â€“ZrO₂ Nanoparticles for the Valorization of Furfural in Oneâ€Pot Process. Advanced Sustainable Systems, 2022, 6, .	2.7	6
3	Tailoring the selectivity of Cu-based catalysts in the furfural hydrogenation reaction: Influence of the morphology of the silica support. Fuel, 2022, 319, 123827.	3.4	16
4	Oxidative condensation/esterification of furfural with ethanol using preformed Au colloidal nanoparticles. Impact of stabilizer and heat treatment protocols on catalytic activity and stability. Molecular Catalysis, 2022, 528, 112438.	1.0	3
5	Influence of morphology of zirconium-doped mesoporous silicas on 5-hydroxymethylfurfural production from mono-, di- and polysaccharides. Catalysis Today, 2021, 367, 297-309.	2.2	6
6	Evaluation of the ZrO_2/Al_2O_3 system as catalysts in the catalytic transfer hydrogenation of furfural to obtain furfuryl alcohol. Applied Catalysis A: General, 2021, 609, 117905.	2.2	32
7	Microbial Degradation of Lignocellulosic Biomass to Obtain High Value-Added Products. Environmental and Microbial Biotechnology, 2021, , 283-314.	0.4	0
8	Continuous-Flow Methyl Methacrylate Synthesis over Gallium-Based Bifunctional Catalysts. ACS Sustainable Chemistry and Engineering, 2021, 9, 1790-1803.	3.2	16
9	Influence of Lewis acidity and $CaCl_2$ on the direct transformation of glucose to 5-hydroxymethylfurfural. Molecular Catalysis, 2021, 510, 111685.	1.0	6
10	PdO Supported on TiO₂ for the Oxidative Condensation of Furfural with Ethanol: Insights on Reactivity and Product Selectivity. ACS Sustainable Chemistry and Engineering, 2021, 9, 10100-10112.	3.2	7
11	Synthesis of catalysts by pyrolysis of Cu-chitosan complexes and their evaluation in the hydrogenation of furfural to value-added products. Molecular Catalysis, 2021, 512, 111774.	1.0	4
12	Gas phase hydrogenation of furfural to obtain valuable products using commercial Cr-free catalysts as an environmentally sustainable alternative to copper chromite. Journal of Environmental Chemical Engineering, 2021, 9, 105468.	3.3	14
13	2-MeTHF. , 2021, , 75-98.		2
14	The relevance of Lewis acid sites on the gas phase reaction of levulinic acid into ethyl valerate using CoSBA-xAl bifunctional catalysts. Catalysis Science and Technology, 2021, 11, 4280-4293.	2.1	5
15	Porous SiO₂ Nanospheres Modified with ZrO₂ and Their Use in One-Pot Catalytic Processes to Obtain Value-Added Chemicals from Furfural. Industrial & Engineering Chemistry Research, 2021, 60, 18791-18805.	1.8	10
16	Advances in catalytic routes for the production of carboxylic acids from biomass: a step forward for sustainable polymers. Chemical Society Reviews, 2020, 49, 5704-5771.	18.7	134
17	Oxidative Condensation of Furfural with Ethanol Using Pd-Based Catalysts: Influence of the Support. Catalysts, 2020, 10, 1309.	1.6	6
18	Catalytic Activity of Mixed Al_2O_3-ZrO_2 Oxides for Glucose Conversion into 5-Hydroxymethylfurfural. Catalysts, 2020, 10, 878.	1.6	6

#	ARTICLE	IF	CITATIONS
19	Gas-Phase Hydrogenation of Furfural to Furfuryl Alcohol over Cu-ZnO-Al2O3 Catalysts Prepared from Layered Double Hydroxides. Catalysts, 2020, 10, 486.	1.6	15
20	Semi-continuous mechanochemical process for biodiesel production under heterogeneous catalysis using calcium diglyceroxide. Renewable Energy, 2020, 159, 117-126.	4.3	17
21	Recovery of pentoses-containing olive stones for their conversion into furfural in the presence of solid acid catalysts. Chemical Engineering Research and Design, 2020, 143, 1-13.	2.7	6
22	Mineralizer effects on the physicochemical and catalytic properties of AlMCM-41 mesoporous materials. Microporous and Mesoporous Materials, 2020, 297, 110016.	2.2	2
23	The role of nitride species in the gas-phase furfural hydrogenation activity of supported nickel catalysts. Molecular Catalysis, 2020, 487, 110889.	1.0	9
24	Oxidation of lignocellulosic platform molecules to value-added chemicals using heterogeneous catalytic technologies. Catalysis Science and Technology, 2020, 10, 2721-2757.	2.1	60
25	Morphological effects on catalytic performance of LTL zeolites in acylation of 2-methylfuran enhanced by non-microwave instant heating. Materials Chemistry and Physics, 2020, 244, 122688.	2.0	14
26	Production of Biofuels by 5-Hydroxymethylfurfural Etherification Using Ion-Exchange Resins as Solid Acid Catalysts. , 2020, 2, .		0
27	Synergistic effect between CaCl2 and Î³-Al2O3 for furfural production by dehydration of hemicellulosic carbohydrates. Applied Catalysis A: General, 2019, 585, 117188.	2.2	17
28	Ultrasmall Cs-AlMCM-41 basic catalysts: Effects of aluminum addition on their physico-chemical and catalytic properties. Microporous and Mesoporous Materials, 2019, 288, 109599.	2.2	6
29	Catalytic transfer hydrogenation of furfural to furfuryl alcohol over calcined MgFe hydrotalcites. Applied Clay Science, 2019, 183, 105351.	2.6	31
30	Influence of the Incorporation of Basic or Amphoteric Oxides on the Performance of Cu-Based Catalysts Supported on Sepiolite in Furfural Hydrogenation. Catalysts, 2019, 9, 315.	1.6	18
31	Selective Production of Furan from Gas-Phase Furfural Decarbonylation on Ni-MgO Catalysts. ACS Sustainable Chemistry and Engineering, 2019, 7, 7676-7685.	3.2	42
32	Ni supported on sepiolite catalysts for the hydrogenation of furfural to value-added chemicals: influence of the synthesis method on the catalytic performance. Topics in Catalysis, 2019, 62, 535-550.	1.3	16
33	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. International Journal of Molecular Sciences, 2019, 20, 828.	1.8	25
34	Direct Conversion of Levulinic Acid into Valeric Biofuels Using Pd Supported Over Zeolites as Catalysts. Topics in Catalysis, 2019, 62, 579-588.	1.3	24
35	Selective Conversion of Glucose to 5-Hydroxymethylfurfural by Using L-Type Zeolites with Different Morphologies. Catalysts, 2019, 9, 1073.	1.6	15
36	Selective production of furfuryl alcohol from furfural by catalytic transfer hydrogenation over commercial aluminas. Applied Catalysis A: General, 2018, 556, 1-9.	2.2	87

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37	Effect of the treatment with H3PO4 on the catalytic activity of Nb2O5 supported on Zr-doped mesoporous silica catalyst. Case study: Glycerol dehydration. Applied Catalysis B: Environmental, 2018, 221, 158-168.	10.8	52
38	Porous Silicon-Based Catalysts for the Dehydration of Glycerol to High Value-Added Products. Materials, 2018, 11, 1569.	1.3	8
39	Promotion effect of Ce or Zn oxides for improving furfuryl alcohol yield in the furfural hydrogenation using inexpensive Cu-based catalysts. Molecular Catalysis, 2018, 455, 121-131.	1.0	40
40	Amination of Furfural. Sustainable Chemistry Series, 2018, , 191-196.	0.1	1
41	Tetrahydrofurfuryl Alcohol and Derivatives. Sustainable Chemistry Series, 2018, , 79-89.	0.1	0
42	Furfuryl Alcohol and Derivatives. Sustainable Chemistry Series, 2018, , 55-78.	0.1	0
43	Gas-phase hydrogenation of furfural over Cu/CeO2 catalysts. Catalysis Today, 2017, 279, 327-338.	2.2	73
44	Dehydration of sorbitol to isosorbide over sulfonic acid resins under solvent-free conditions. Applied Catalysis A: General, 2017, 537, 66-73.	2.2	36
45	Selective Production of 2â€Methylfuran by Gasâ€Phase Hydrogenation of Furfural on Copper Incorporated by Complexation in Mesoporous Silica Catalysts. ChemSusChem, 2017, 10, 1448-1459.	3.6	49
46	Beneficial effects of calcium chloride on glucose dehydration to 5-hydroxymethylfurfural in the presence of alumina as catalyst. Applied Catalysis B: Environmental, 2017, 206, 617-625.	10.8	74
47	Selective Furfural Hydrogenation to Furfuryl Alcohol Using Cu-Based Catalysts Supported on Clay Minerals. Topics in Catalysis, 2017, 60, 1040-1053.	1.3	42
48	Aluminum doped mesoporous silica SBA-15 for glycerol dehydration to value-added chemicals. Journal of Sol-Gel Science and Technology, 2017, 83, 342-354.	1.1	9
49	Nickel Phosphide/Silica Catalysts for the Gasâ€Phase Hydrogenation of Furfural to Highâ€“Addedâ€“Value Chemicals. ChemCatChem, 2017, 9, 2881-2889.	1.8	36
50	The Key Role of Textural Properties of Aluminosilicates in the Acidâ€Catalysed Dehydration of Glucose into 5â€Hydroxymethylfurfural. ChemistrySelect, 2017, 2, 2444-2451.	0.7	17
51	Optimization of nickel loading of mixed oxide catalyst ex -hydrotalcite for H 2 production by methane decomposition. Applied Catalysis A: General, 2017, 548, 71-82.	2.2	34
52	BrÃ¶nsted and Lewis acid ZSM-5 zeolites for the catalytic dehydration of glucose into 5-hydroxymethylfurfural. Chemical Engineering Journal, 2016, 303, 22-30.	6.6	157
53	WO3 supported on Zr doped mesoporous SBA-15 silica for glycerol dehydration to acrolein. Applied Catalysis A: General, 2016, 516, 30-40.	2.2	37
54	Gas-phase hydrogenation of furfural to furfuryl alcohol over Cu/ZnO catalysts. Journal of Catalysis, 2016, 336, 107-115.	3.1	180

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55	Furfural: a renewable and versatile platform molecule for the synthesis of chemicals and fuels. Energy and Environmental Science, 2016, 9, 1144-1189.	15.6	1,220
56	Vapor Phase Decarbonylation of Furfural to Furan over Nickel Supported on SBA-15 Silica Catalysts. Modern Research in Catalysis, 2016, 05, 85-94.	1.2	13
57	REALCAT: A New Platform to Bring Catalysis to the Lightspeed. Oil and Gas Science and Technology, 2015, 70, 455-462.	1.4	8
58	V and Vâ€"P containing Zr-SBA-15 catalysts for dehydration of glycerol to acrolein. Catalysis Today, 2015, 254, 43-52.	2.2	38
59	Influence of the niobium supported species on the catalytic dehydration of glycerol to acrolein. Applied Catalysis B: Environmental, 2015, 179, 139-149.	10.8	60
60	Production of 5-hydroxymethylfurfural from glucose using aluminium doped MCM-41 silica as acid catalyst. Applied Catalysis B: Environmental, 2015, 164, 70-76.	10.8	134
61	Furfuryl alcohol from furfural hydrogenation over copper supported on SBA-15 silica catalysts. Journal of Molecular Catalysis A, 2014, 383-384, 106-113.	4.8	149
62	Selective dehydration of glucose to 5-hydroxymethylfurfural on acidic mesoporous tantalum phosphate. Applied Catalysis B: Environmental, 2014, 144, 22-28.	10.8	107
63	Glucose dehydration to 5-hydroxymethylfurfural on zirconium containing mesoporous MCM-41 silica catalysts. Fuel, 2014, 118, 265-271.	3.4	81
64	Acetalization of furfural with zeolites under benign reaction conditions. Catalysis Today, 2014, 234, 233-236.	2.2	71
65	Glycerol valorization by etherification to polyglycerols by using metal oxides derived from MgFe hydrotalcites. Applied Catalysis A: General, 2014, 470, 199-207.	2.2	68
66	Dehydration of d-xylose to furfural using different supported niobia catalysts. Applied Catalysis B: Environmental, 2014, 152-153, 1-10.	10.8	63
67	Mesoporous tantalum oxide as catalyst for dehydration of glucose to 5-hydroxymethylfurfural. Applied Catalysis B: Environmental, 2014, 154-155, 190-196.	10.8	66
68	Mesoporous Nb2O5 as solid acid catalyst for dehydration of d-xylose into furfural. Catalysis Today, 2014, 234, 119-124.	2.2	62
69	Dehydration of xylose to furfural using a Lewis or BrÃ¶nsted acid catalyst and N2 stripping. Chinese Journal of Catalysis, 2013, 34, 1402-1406.	6.9	33
70	Structural and surface study of calcium glyceroxide, an active phase for biodiesel production under heterogeneous catalysis. Journal of Catalysis, 2013, 300, 30-36.	3.1	74
71	Dehydration of Xylose to Furfural over MCMâ€41â€Supported Niobiumâ€Oxide Catalysts. ChemSusChem, 2013, 6, 635-642.	3.6	80
72	Calcium zincate derived heterogeneous catalyst for biodiesel production by ethanolysis. Fuel, 2013, 105, 518-522.	3.4	32

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73	Zirconium doped mesoporous silica catalysts for dehydration of glycerol to high added-value products. Applied Catalysis A: General, 2012, 433-434, 179-187.	2.2	59
74	Mesoporous tantalum phosphate as acidic catalyst for the methanolysis of sunflower oil. Applied Catalysis B: Environmental, 2012, 123-124, 316-323.	10.8	22
75	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. Fuel Processing Technology, 2012, 97, 65-70.	3.7	18
76	Methanolysis of sunflower oil catalyzed by acidic Ta2O5 supported on SBA-15. Applied Catalysis A: General, 2011, 405, 93-100.	2.2	15
77	Niobium-containing MCM-41 silica catalysts for biodiesel production. Applied Catalysis B: Environmental, 2011, 108-109, 161-167.	10.8	64
78	Preparation, characterization and catalytic applications of ZrO2 supported on low cost SBA-15. Adsorption, 2011, 17, 527-538.	1.4	11
79	Etherification of glycerol to polyglycerols over MgAl mixed oxides. Catalysis Today, 2011, 167, 84-90.	2.2	81
80	Aluminum doped SBA-15 silica as acid catalyst for the methanolysis of sunflower oil. Applied Catalysis B: Environmental, 2011, 105, 199-205.	10.8	34
81	Biodiesel production from sunflower oil by tungsten oxide supported on zirconium doped MCM-41 silica. Journal of Molecular Catalysis A, 2011, 335, 205-209.	4.8	50
82	Calcined zirconium sulfate supported on MCM-41 silica as acid catalyst for ethanolysis of sunflower oil. Applied Catalysis B: Environmental, 2011, 103, 91-98.	10.8	47
83	Zirconium doped MCM-41 supported WO3 solid acid catalysts for the esterification of oleic acid with methanol. Applied Catalysis A: General, 2010, 379, 61-68.	2.2	59
84	Heterogeneous transesterification processes by using CaO supported on zinc oxide as basic catalysts. Catalysis Today, 2010, 149, 281-287.	2.2	140
85	Base Catalysts Derived from Hydrocalumite for the Transesterification of Sunflower Oil. Energy & Fuels, 2010, 24, 979-984.	2.5	52
86	Transesterification of ethyl butyrate with methanol using MgO/CaO catalysts. Journal of Molecular Catalysis A, 2009, 300, 19-24.	4.8	68
87	Al-SBA-15 as a support of catalysts based on chromium sulfide for sulfur removal. Catalysis Today, 2009, 143, 137-144.	2.2	16
88	Biodiesel preparation using Li/CaO catalysts: Activation process and homogeneous contribution. Catalysis Today, 2009, 143, 167-171.	2.2	91
89	Calcium zincate as precursor of active catalysts for biodiesel production under mild conditions. Applied Catalysis B: Environmental, 2009, 91, 339-346.	10.8	61
90	CaO supported on mesoporous silicas as basic catalysts for transesterification reactions. Applied Catalysis A: General, 2008, 334, 35-43.	2.2	281

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91	MgM (M=Al and Ca) oxides as basic catalysts in transesterification processes. Applied Catalysis A: General, 2008, 347, 162-168.	2.2	86
92	BIODIESEL PRODUCTION BY HETEROGENEOUS CATALYSIS IN THE PRESENCE OF CaO SUPPORTED ON MESOPOROUS SILICA. , 2008, , .		0
93	Evaluation of the acid properties of porous zirconium-doped and undoped silica materials. Journal of Solid State Chemistry, 2006, 179, 2182-2189.	1.4	28
94	Hydrogenation of tetralin over mixed PtMo supported on zirconium doped mesoporous silica: Use of polynuclear organometallic precursors. Journal of Molecular Catalysis A, 2006, 252, 31-39.	4.8	12
95	Gas-phase hydrogenation of acetonitrile over Pt and Ptâ€“Pd supported on mesoporous solids: influence of the metallic precursor. Applied Catalysis A: General, 2005, 288, 34-42.	2.2	27
96	Influence of the metallic precursor in the hydrogenation of tetralin over Pdâ€“Pt supported zirconium doped mesoporous silica. Green Chemistry, 2005, 7, 793.	4.6	16
97	Superficial characterization and hydroconversion of tetralin over NiW sulfide catalysts supported on zirconium doped mesoporous silica. Applied Catalysis A: General, 2004, 262, 111-120.	2.2	20
98	A new low-cost synthetic route to obtain zirconium containing mesoporous silica. Microporous and Mesoporous Materials, 2004, 75, 23-32.	2.2	53
99	Nickel supported on porous silica as catalysts for the gas-phase hydrogenation of acetonitrile. Journal of Catalysis, 2004, 225, 479-488.	3.1	49
100	Hydrogenation and ring opening of tetralin on noble metal supported on zirconium doped mesoporous silica catalysts. Applied Catalysis A: General, 2004, 260, 9-18.	2.2	52
101	Effects of preparation method and sulfur poisoning on the hydrogenation and ring opening of tetralin on NiW/zirconium-doped mesoporous silica catalysts. Journal of Catalysis, 2003, 220, 457-467.	3.1	28
102	Textural and structural properties and surface acidity characterization of mesoporous silica-zirconia molecular sieves. Journal of Solid State Chemistry, 2003, 175, 159-169.	1.4	138
103	Gas-phase hydrogenation of acetonitrile on zirconium-doped mesoporous silica-supported nickel catalysts. Journal of Molecular Catalysis A, 2003, 193, 185-196.	4.8	27
104	Nickel-impregnated zirconium-doped mesoporous molecular sieves as catalysts for the hydrogenation and ring-opening of tetralin. Applied Catalysis A: General, 2003, 240, 83-94.	2.2	40
105	Hydrogenation and Ring Opening of Tetralin on Supported Nickel Zirconium-Doped Mesoporous Silica Catalysts. Influence of the Nickel Precursor. Langmuir, 2003, 19, 4985-4991.	1.6	60
106	Nickel oxide supported on zirconium-doped mesoporous silica for selective catalytic reduction of NO with NH3. Journal of Materials Chemistry, 2002, 12, 3331-3336.	6.7	35
107	Cobalt-based alumina pillared zirconium phosphate catalysts for the selective catalytic reduction of NO by propane. Chemosphere, 2002, 48, 467-474.	4.2	12
108	Cobalt supported on zirconium doped mesoporous silica: a selective catalyst for reduction of NO with ammonia at low temperatures. Applied Catalysis B: Environmental, 2002, 38, 51-60.	10.8	33

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109	Liquid phase acetophenone hydrogenation on Ru/Cr/B catalysts supported on silica. Journal of Molecular Catalysis A, 2002, 188, 133-139.	4.8	43
110	Title is missing!. Catalysis Letters, 2002, 82, 205-212.	1.4	16
111	Copper supported on mixed alumina/gallium oxide pillared Î±-tin phosphate for De-NOx applications. Green Chemistry, 2001, 3, 289-295.	4.6	9
112	Synthesis and Characterization of Novel Alumina-Pillared Î³-Zirconium Phosphates. Langmuir, 2001, 17, 3769-3775.	1.6	8
113	Gas-phase hydrogenation of acetonitrile over nickel supported on alumina- and mixed alumina/gallium oxide-pillared tin phosphate catalysts. Journal of Molecular Catalysis A, 2001, 168, 279-287.	4.8	16
114	Chromium oxide supported on zirconium- and lanthanum-doped mesoporous silica for oxidative dehydrogenation of propane. Applied Catalysis A: General, 2001, 218, 295-306.	2.2	72
115	Si/Zr mesoporous catalysts for the vapour phase synthesis of alkylindoles. Applied Catalysis A: General, 2001, 220, 105-112.	2.2	28
116	Hydrogenation and Ring-Opening of Tetralin on Ni and NiMo Supported on Alumina-Pillared Î±-Zirconium Phosphate Catalysts. A Thiotolerance Study. Journal of Catalysis, 2001, 203, 122-132.	3.1	61
117	Selective catalytic reduction of NO by propane on copper containing alumina pillared Î±-zirconium phosphates. Applied Catalysis B: Environmental, 2001, 29, 1-11.	10.8	30
118	Chromium-impregnated mesoporous silica as catalysts for the oxidative dehydrogenation of propane. Studies in Surface Science and Catalysis, 2000, 130, 1865-1870.	1.5	3
119	Title is missing!. Catalysis Letters, 2000, 64, 209-214.	1.4	46
120	Title is missing!. Catalysis Letters, 2000, 68, 67-73.	1.4	71
121	High surface area mesoporous titanium phosphate: synthesis and surface acidity determination. Journal of Materials Chemistry, 2000, 10, 1957-1963.	6.7	102
122	INFLUENCE OF SURFACTANT REMOVAL PROCEDURE ON STRUCTURAL, TEXTURAL AND ACID PROPERTIES OF A MESOPOROUS FORM OF ZIRCONIUM PHOSPHATE. Phosphorus Research Bulletin, 1999, 10, 460-465.	0.1	0
123	Proton conductivity of mesoporous MCM type of zirconium and titanium phosphates. Solid State Ionics, 1999, 125, 407-410.	1.3	36
124	Sorption kinetics and diffusion of cadmium in calcium hydroxyapatites. Solid State Sciences, 1999, 1, 71-83.	1.5	53
125	Insertion of Gallium Oxide into Î±-Titanium Phosphate Using a Surfactant Expanded Phase as Precursor. Journal of Solid State Chemistry, 1999, 147, 664-670.	1.4	5
126	Calcium hydroxyapatites: evaluation of sorption properties for cadmium ions in aqueous solution. Journal of Materials Science, 1998, 33, 5433-5439.	1.7	45

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127	Surfactant-Assisted Synthesis of a Mesoporous Form of Zirconium Phosphate with Acidic Properties. Advanced Materials, 1998, 10, 812-815.	11.1	138
128	Propane dehydrogenation on mesoporous chromium-containing silica catalysts. Studies in Surface Science and Catalysis, 1998, , 903-910.	1.5	5
129	Factors Influencing on the Surface Properties of Chromia-Pillared Î±-Zirconium Phosphate Materials. Langmuir, 1998, 14, 4017-4024.	1.6	13
130	Porous Fluorinated Aluminum and Mixed Gallium/Aluminum Oxide Pillared Tin Phosphate Materials with Acid Properties. Journal of Physical Chemistry B, 1998, 102, 1672-1678.	1.2	11
131	Sol-gel synthesis of surfactant-expanded layered titanium phosphates. Molecular Crystals and Liquid Crystals, 1998, 311, 257-262.	0.3	4
132	Solâ^'Gel Synthesis of Dodecyltrimethylammonium-Expanded Zirconium Phosphate and Its Application to the Preparation of Acidic Porous Oligomeric Gallium(III)-Exchanged Materials. Langmuir, 1997, 13, 2857-2862.	1.6	28
133	Surface characterisation of zirconium-doped mesoporous silica. Chemical Communications, 1997, , 431-432.	2.2	92
134	Dielectric properties of Li+-exchanged mixed Feî—¸Cr oxide pillared phosphate. Journal of Alloys and Compounds, 1997, 262-263, 281-286.	2.8	2
135	Electrical conductivity of chromia-pillared Î±-zirconium phosphate. Journal of Alloys and Compounds, 1997, 262-263, 287-291.	2.8	1
136	Nanostructured Inorganically Pillared Layered Metal(IV) Phosphates. Chemistry of Materials, 1996, 8, 1758-1769.	3.2	98
137	Quantum size effects induced by confinement of C60 in MCM41. Solid State Communications, 1996, 100, 237-240.	0.9	23
138	MAS-NMR Study of Pillared .alpha.-Tin and .alpha.-Zirconium Phosphates with Aluminum Oligomers. The Journal of Physical Chemistry, 1995, 99, 1491-1497.	2.9	18
139	Two-Dimensional Nanocomposites: Alternating Inorganic-Organic Polymer Layers in Zirconium Phosphate. Chemistry of Materials, 1995, 7, 562-571.	3.2	89
140	Chromia Pillaring in .alpha.-Zirconium Phosphate: A Structural Investigation Using X-Ray Absorption Spectroscopy. Inorganic Chemistry, 1995, 34, 4611-4617.	1.9	32
141	Synthesis Optimization and Crystal Structures of Layered Metal(IV) Hydrogen Phosphates, .alpha.-M(HPO4)2.cntdot.H2O (M = Ti, Sn, Pb). Inorganic Chemistry, 1995, 34, 893-899.	1.9	92
142	Hopping conductivity in lithium-exchanged pillared layered tin phosphate materialsâ˜†. Solid State Ionics, 1994, 73, 67-73.	1.3	7
143	Mixed aluminaâ€"chromia pillared layered Î±-zirconium phosphate. Journal of Materials Chemistry, 1994, 4, 179-184.	6.7	19
144	Nano/nanocomposite systems: in situ growth of particles and clusters of semiconductor metal sulfides in porous silica-pillared layered phosphates. Journal of Materials Chemistry, 1994, 4, 189-195.	6.7	24

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145	Electrical Conductivity in Mesoporous and Microporous Pillared Layered Phosphate Structures. Materials Research Society Symposia Proceedings, 1994, 371, 175.	0.1	1
146	Electrical conductivity of alumina-pillared Î±-tin phosphate. Solid State Ionics, 1993, 61, 139-142.	1.3	9
147	Layered basic copper anion exchangers: chemical characterisation and X-ray absorption study. Journal of Materials Chemistry, 1993, 3, 303-307.	6.7	30
148	Pillared Clays Prepared from the Reaction of Chromium Acetate with Montmorillonite. Clays and Clay Minerals, 1993, 41, 328-334.	0.6	27
149	Oxide-Pillared Layered Î±-Metal(IV) Hydrogen Phosphates. , 1993, , 273-287.		4
150	Ion Transport in Alumina-Pillared Zirconium Phosphate. Materials Research Society Symposia Proceedings, 1992, 286, 347.	0.1	1
151	Surface chemistry of chromia-pillared tin and zirconium phosphate materials: an X-ray photoelectron spectroscopic study. Journal of Materials Chemistry, 1992, 2, 1175.	6.7	22
152	Formation of polypyrrole chains in alumina and chromia-pillared layered phosphates. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1992, 14, 327-337.	1.6	14
153	Porous chromia-pillared Î±-zirconium phosphate materials prepared via colloid methods. Journal of Materials Chemistry, 1991, 1, 739-746.	6.7	47
154	Porous cross-linked materials formed by oligomeric aluminium hydroxides and Î±-tin phosphate. Journal of Materials Chemistry, 1991, 1, 319-326.	6.7	39
155	Porous chromia-pillared Î±-tin phosphate materials. Journal of Solid State Chemistry, 1991, 94, 368-380.	1.4	35
156	Sur lâ€™orientation de molÃ©cules basiques dans lâ€™espace interlamellaire du phosphate dâ€™Ã©tain. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1991, 88, 2007-2012.	0.2	2
157	Intercalates of ?-Sn(HP04)2ï¿½H2O with aromatic and heterocyclic bases and some comments on their orientation in the interlayer region. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1990, 9, 207-217.	1.6	2
158	New Cross-Linked Layered Tin Phosphate Exchangers. , 1990, , 95-101.		5
159	The first high specific surface area, pillared, layered phosphate with a narrow pore size distribution. Journal of the Chemical Society Chemical Communications, 1989, , 751.	2.0	21
160	Intercalation of aromatic amines into Î±-tin(IV) hydrogenphosphate monohydrate. Canadian Journal of Chemistry, 1989, 67, 2095-2101.	0.6	10