

João Pires

List of Publications by Year in descending order

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papers

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all docs

180
docs citations

180
times ranked

7288
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging Nitric Oxide and Hydrogen Sulfide Releasing Carriers for Skin Wound Healing Therapy. ChemMedChem, 2022, 17, .	1.6	24
2	Glycerin-based adsorbents for the separation of ethane and ethylene. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 634, 127975.	2.3	6
3	Adsorbents from natural clays for the separation of hexane isomers. Journal of Environmental Chemical Engineering, 2022, 10, 107689.	3.3	1
4	Development of Polycaprolactone@Zeolite Nanoporous Composite Films for Topical Therapeutic Release of Different Gasotransmitters. ACS Applied Nano Materials, 2022, 5, 9230-9240.	2.4	3
5	Storage and delivery of H ₂ S by microporous and mesoporous materials. Microporous and Mesoporous Materials, 2021, 320, 111093.	2.2	8
6	Improved therapeutic nitric oxide delivery by microporous Cu-bearing titanasilicate. Microporous and Mesoporous Materials, 2021, 322, 111154.	2.2	0
7	Chitosan Biocomposites for the Adsorption and Release of H ₂ S. Materials, 2021, 14, 6701.	1.3	6
8	Microporous Volumes from Nitrogen Adsorption at 77 K: When to Use a Different Standard Isotherm?. Catalysts, 2021, 11, 1544.	1.6	6
9	A Comparison of Different Approaches to Quantify Nitric Oxide Release from NO-Releasing Materials in Relevant Biological Media. Molecules, 2020, 25, 2580.	1.7	13
10	Tuning Cellular Biological Functions Through the Controlled Release of NO from a Porous Ti@MOF. Angewandte Chemie - International Edition, 2020, 59, 5135-5143.	7.2	62
11	Tuning Cellular Biological Functions Through the Controlled Release of NO from a Porous Ti@MOF. Angewandte Chemie, 2020, 132, 5173-5181.	1.6	12
12	Polyoxometalate@Periodic mesoporous organosilicas as active materials for oxidative desulfurization of diesels. Microporous and Mesoporous Materials, 2020, 302, 110193.	2.2	15
13	Enhancement of Ethane Selectivity in Ethane@Ethylene Mixtures by Perfluoro Groups in Zr-Based Metal-Organic Frameworks. ACS Applied Materials & Interfaces, 2019, 11, 27410-27421.	4.0	69
14	Mesoporous Silica vs. Organosilica Composites to Desulfurize Diesel. Frontiers in Chemistry, 2019, 7, 756.	1.8	7
15	Effective Zinc-Substituted Keggin Composite To Catalyze the Removal of Sulfur from Real Diesels under a Solvent-Free System. Industrial & Engineering Chemistry Research, 2019, 58, 18540-18549.	1.8	12
16	New generation of nitric oxide-releasing porous materials: Assessment of their potential to regulate biological functions. Nitric Oxide - Biology and Chemistry, 2019, 90, 29-36.	1.2	14
17	Pyrolyzed chitosan-based materials for CO ₂ /CH ₄ separation. Chemical Engineering Journal, 2019, 362, 364-374.	6.6	26
18	Adsorption of gases and vapours in silica based xerogels. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 561, 128-135.	2.3	11

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19	Oxidative desulfurization strategies using Keggin-type polyoxometalate catalysts: Biphasic versus solvent-free systems. <i>Catalysis Today</i> , 2019, 333, 226-236.	2.2	53
20	Metal-Organic Frameworks for Cultural Heritage Preservation: The Case of Acetic Acid Removal. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13886-13894.	4.0	32
21	Amino acid modified montmorillonite clays as sustainable materials for carbon dioxide adsorption and separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 544, 105-110.	2.3	31
22	Amine functionalized porous silica for CO ₂ /CH ₄ separation by adsorption: Which amine and why. <i>Chemical Engineering Journal</i> , 2018, 336, 612-621.	6.6	75
23	Study of Short-Chain Alcohol and Alcohol-Water Adsorption in MEL and MFI Zeolites. <i>Langmuir</i> , 2018, 34, 12739-12750.	1.6	20
24	Copper mesoporous materials as highly efficient recyclable catalysts for the reduction of 4-nitrophenol in aqueous media. <i>Polyhedron</i> , 2018, 150, 69-76.	1.0	20
25	Vitamin B3 metal-organic frameworks as potential delivery vehicles for therapeutic nitric oxide. <i>Acta Biomaterialia</i> , 2017, 51, 66-74.	4.1	46
26	Carbonization of periodic mesoporous phenylene- and biphenylene-silicas for CO ₂ /CH ₄ separation. <i>Carbon</i> , 2017, 119, 267-277.	5.4	17
27	Development of metal organic framework-199 immobilized zeolite foam for adsorption of common indoor VOCs. <i>Journal of Environmental Sciences</i> , 2017, 55, 321-330.	3.2	65
28	Structure of Chemisorbed CO ₂ Species in Amine-Functionalized Mesoporous Silicas Studied by Solid-State NMR and Computer Modeling. <i>Journal of the American Chemical Society</i> , 2017, 139, 389-408.	6.6	107
29	Reverse selectivity of zeolites and metal-organic frameworks in the ethane/ethylene separation by adsorption. <i>Separation Science and Technology</i> , 2017, 52, 51-57.	1.3	16
30	Synthetic cobalt clays for the storage and slow release of therapeutic nitric oxide. <i>RSC Advances</i> , 2016, 6, 41195-41203.	1.7	9
31	Storage and delivery of nitric oxide by microporous titanosilicate ETS-10 and Al and Ga substituted analogues. <i>Microporous and Mesoporous Materials</i> , 2016, 229, 83-89.	2.2	14
32	Adsorption of Volatile Organic Compounds on Zeolite L. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 3890-3896.	1.0	18
33	Magnetically recyclable mesoporous iron oxide-silica materials for the degradation of acetaminophen in water under mild conditions. <i>Polyhedron</i> , 2016, 106, 125-131.	1.0	10
34	Interaction of CO ₂ and CH ₄ with Functionalized Periodic Mesoporous Phenylene-Silica: Periodic DFT Calculations and Gas Adsorption Measurements. <i>Journal of Physical Chemistry C</i> , 2016, 120, 3863-3875.	1.5	41
35	Physicochemical characterization of organosilylated halloysite clay nanotubes. <i>Microporous and Mesoporous Materials</i> , 2016, 219, 145-154.	2.2	79
36	Monolithic porous carbon materials prepared from polyurethane foam templates. <i>Carbon Letters</i> , 2016, 18, 11-17.	3.3	1

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37	<sc>L</sc>-Histidine-based organoclays for the storage and release of therapeutic nitric oxide. Journal of Materials Chemistry B, 2015, 3, 3556-3563.	2.9	13
38	Turning periodic mesoporous organosilicas selective to CO ₂ /CH ₄ separation: deposition of aluminium oxide by atomic layer deposition. Journal of Materials Chemistry A, 2015, 3, 22860-22867.	5.2	17
39	Understanding Gas Adsorption Selectivity in IRMOF-8 Using Molecular Simulation. ACS Applied Materials & Interfaces, 2015, 7, 624-637.	4.0	73
40	Simple Analysis of Historical Lime Mortars. Journal of Chemical Education, 2015, 92, 521-523.	1.1	8
41	Nanoporous materials: pillared clays and regular silicas as an example of synthesis and their porosity characterization by X-ray diffraction. Quimica Nova, 2014, 37, 168-170.	0.3	0
42	Effect on selective adsorption of ethane and ethylene of the polyoxometalates impregnation in the metal-organic framework MIL-101. Adsorption, 2014, 20, 533-543.	1.4	27
43	Microporous titanosilicates Cu ₂ and Co ₂ ETS-4 for storage and slow release of therapeutic nitric oxide. Journal of Materials Chemistry B, 2014, 2, 224-230.	2.9	19
44	Adsorption of probe molecules in pillared interlayered clays: Experiment and computer simulation. Journal of Chemical Physics, 2014, 140, 224701.	1.2	0
45	Ethane Selective IRMOF-8 and Its Significance in Ethane/Ethylene Separation by Adsorption. ACS Applied Materials & Interfaces, 2014, 6, 12093-12099.	4.0	161
46	High performance microspherical activated carbons for methane storage and landfill gas or biogas upgrade. Journal of Materials Chemistry A, 2014, 2, 15337-15344.	5.2	81
47	Synthesis of novel hierarchical ZSM-5 monoliths and their application in trichloroethylene removal. Chinese Journal of Catalysis, 2014, 35, 1492-1496.	6.9	6
48	Introduction of aluminum to porous clay heterostructures to modify the adsorption properties. Applied Clay Science, 2014, 101, 497-502.	2.6	18
49	Activated carbons prepared from industrial pre-treated cork: Sustainable adsorbents for pharmaceutical compounds removal. Chemical Engineering Journal, 2014, 253, 408-417.	6.6	121
50	Bio-inspired synthesis of mesoporous silicas using large molecular weight poly-L-lysine at neutral pH. Journal of Materials Science, 2014, 49, 6087-6092.	1.7	5
51	Enantioselective cyclopropanation and aziridination catalyzed by copper(II) bis(oxazoline) anchored onto mesoporous materials. Polyhedron, 2014, 79, 315-323.	1.0	9
52	Clay based materials for storage and therapeutic release of nitric oxide. Journal of Materials Chemistry B, 2013, 1, 3287.	2.9	22
53	The role of the support properties in the catalytic performance of an anchored copper(ii) aza-bis(oxazoline) in mesoporous silicas and their carbon replicas. Catalysis Science and Technology, 2013, 3, 659-672.	2.1	11
54	Asymmetric benzoylation of hydrobenzoin by copper(ii) bis(oxazoline) anchored onto ordered mesoporous silicas and their carbon replicas. Catalysis Science and Technology, 2013, 3, 2415.	2.1	15

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55	Phosphotungstates as catalysts for monoterpenes oxidation: Homo- and heterogeneous performance. <i>Catalysis Today</i> , 2013, 203, 95-102.	2.2	52
56	Copper(II) aza-bis(oxazoline) complex immobilized onto ITQ-2 and MCM-22 based materials as heterogeneous catalysts for the cyclopropanation of styrene. <i>Microporous and Mesoporous Materials</i> , 2013, 179, 231-241.	2.2	11
57	Novel Composite Material Polyoxovanadate@MIL-101(Cr): A Highly Efficient Electrocatalyst for Ascorbic Acid Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 13382-13390.	4.0	99
58	Sepiolite based materials for storage and slow release of nitric oxide. <i>New Journal of Chemistry</i> , 2013, 37, 4052.	1.4	23
59	Reduction of Free Fatty Acids in Acidic Nonedible Oils by Modified K10 Clay. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2013, 90, 555-561.	0.8	5
60	Alkene epoxidation by manganese(III) complexes immobilized onto nanostructured carbon CMK-3. <i>Catalysis Today</i> , 2013, 203, 103-110.	2.2	45
61	Composite MOF Foams: The Example of UiO-66/Polyurethane. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 2360-2363.	4.0	96
62	Novel heterogeneous catalysts based on lanthanopolyoxometalates supported on MIL-101(Cr). <i>Catalysis Today</i> , 2013, 218-219, 35-42.	2.2	45
63	Monovacant polyoxometalates incorporated into MIL-101(Cr): novel heterogeneous catalysts for liquid phase oxidation. <i>Applied Catalysis A: General</i> , 2013, 453, 316-326.	2.2	103
64	Mono-substituted silicotungstates as active catalysts for sustainable oxidations: homo- and heterogeneous performance. <i>New Journal of Chemistry</i> , 2013, 37, 2341.	1.4	35
65	Synthesis and adsorption properties of micro/mesoporous carbon-foams prepared from foam-shaped sacrificial templates. <i>Materials Chemistry and Physics</i> , 2013, 138, 877-885.	2.0	17
66	ASSESSMENT OF THE BINDER IN HISTORICAL MORTARS BY VARIOUS TECHNIQUES. <i>Archaeometry</i> , 2012, 54, 267-277.	0.6	6
67	Determination of the heat effects involved during toluene vapor adsorption and desorption from microporous activated carbon. <i>Comptes Rendus Chimie</i> , 2012, 15, 474-481.	0.2	9
68	Porous clay heterostructures with zirconium for the separation of hydrocarbon mixtures. <i>Separation and Purification Technology</i> , 2012, 98, 337-343.	3.9	23
69	Pt/carbon materials as bi-functional catalysts for n-decane hydroisomerization. <i>Microporous and Mesoporous Materials</i> , 2012, 163, 21-28.	2.2	11
70	Synthesis of Foam-Shaped Nanoporous Zeolite Material: A Simple Template-Based Method. <i>Journal of Chemical Education</i> , 2012, 89, 276-279.	1.1	10
71	Porous and hybrid clay based materials for separation of hydrocarbons. <i>Microporous and Mesoporous Materials</i> , 2012, 151, 403-410.	2.2	17
72	Strategies for copper bis(oxazoline) immobilization onto porous silica based materials. <i>Microporous and Mesoporous Materials</i> , 2012, 158, 26-38.	2.2	24

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73	Oxidovanadium(IV) acetylacetonate immobilized onto CMK-3 for heterogeneous epoxidation of geraniol. <i>Microporous and Mesoporous Materials</i> , 2012, 160, 67-74.	2.2	37
74	Adsorption and Activation of CO ₂ by Amine-Modified Nanoporous Materials Studied by Solid-State NMR and ¹³ CO ₂ Adsorption. <i>Chemistry of Materials</i> , 2011, 23, 1387-1395.	3.2	175
75	Slow Release of NO by Microporous Titanosilicate ETS-4. <i>Journal of the American Chemical Society</i> , 2011, 133, 6396-6402.	6.6	44
76	Natural clay binder based extrudates of mesoporous materials: improved materials for selective adsorption of natural and biogas components. <i>Green Chemistry</i> , 2011, 13, 1251.	4.6	30
77	Designing Novel Hybrid Materials by One-Pot Co-condensation: From Hydrophobic Mesoporous Silica Nanoparticles to Superamphiphobic Cotton Textiles. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 2289-2299.	4.0	147
78	Copper Bis(oxazoline) Encapsulated in Zeolites and Its Application as Heterogeneous Catalysts for the Cyclopropanation of Styrene. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 11495-11501.	1.8	16
79	Epoxidation of olefins catalyzed by manganese(III) salen complexes grafted to porous heterostructured clays. <i>Applied Clay Science</i> , 2011, 53, 195-203.	2.6	55
80	Hybrid organic-inorganic phenyl stationary phases for the gas separation of organic binary mixtures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 389, 69-75.	2.3	13
81	Heats of adsorption from the Dubinin-Astakhov model applied to the characterization of pillared interlayered clays (PILCs). <i>Adsorption</i> , 2011, 17, 287-292.	1.4	3
82	Characterization of hierarchical porosity in novel composite monoliths with adsorption studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 373, 158-166.	2.3	11
83	Development and Application of Stir Bar Sorptive Extraction with Polyurethane Foams for the Determination of Testosterone and Methenolone in Urine Matrices. <i>Journal of Chromatographic Science</i> , 2011, 49, 297-302.	0.7	18
84	How the adsorption properties get changed when going from SBA-15 to its CMK-3 carbon replica. <i>Separation and Purification Technology</i> , 2010, 75, 366-376.	3.9	68
85	Anchoring of Chiral Manganese(III) Salen Complex onto Organo Clay and Porous Clay Heterostructure and Catalytic Activity in Alkene Epoxidation. <i>Catalysis Letters</i> , 2010, 134, 63-71.	1.4	38
86	Studies on polymeric conservation treatments of ceramic tiles with Paraloid Bâ€72 and two alkoxysilanes. <i>Journal of Applied Polymer Science</i> , 2010, 116, 2833-2839.	1.3	9
87	Surface heterogeneity effects of activated carbons on the kinetics of paracetamol removal from aqueous solution. <i>Applied Surface Science</i> , 2010, 256, 5171-5175.	3.1	90
88	Physicochemical characterization of silylated functionalized materials. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 603-610.	5.0	52
89	Potentialities of polyurethane foams for trace level analysis of triazinic metabolites in water matrices by stir bar sorptive extraction. <i>Journal of Chromatography A</i> , 2010, 1217, 3707-3710.	1.8	23
90	Effect of solution pH on the removal of clofibrilic acid by cork-based activated carbons. <i>Carbon</i> , 2010, 48, 972-980.	5.4	53

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91	Templated synthesis of carbon materials mediated by porous clay heterostructures. <i>Carbon</i> , 2010, 48, 4049-4056.	5.4	31
92	Characterization of Historical Mortars from Alentejo's Religious Buildings. <i>International Journal of Architectural Heritage</i> , 2010, 4, 138-154.	1.7	25
93	Porous Silicas and Respective Carbon Replicates for Adsorption and Catalysis. <i>Adsorption Science and Technology</i> , 2010, 28, 717-726.	1.5	4
94	High Pressure Adsorption Studies of Ethane and Ethylene on Clay-Based Adsorbent Materials. <i>Separation Science and Technology</i> , 2010, 46, 137-146.	1.3	16
95	Comparison of Methods to Obtain Micropore Size Distributions of Carbonaceous Materials from CO ₂ Adsorption Based on the Dubinin-Radushkevich Isotherm. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 4726-4730.	1.8	37
96	Pillared Interlayered Clays as Adsorbents of Gases and Vapors. , 2010, , 23-42.		8
97	Applications of Clay Based Composite Materials in Adsorptive Separation and Purification of Gases. <i>Recent Patents on Materials Science</i> , 2010, 3, 129-139.	0.5	2
98	Applications of Clay Based Composite Materials in Adsorptive Separation and Purification of Gases. <i>Recent Patents on Materials Science</i> , 2010, 3, 129-139.	0.5	0
99	Organo-functionalized mesoporous supports for Jacobsen-type catalyst: Laponite versus MCM-41. <i>Journal of Materials Science</i> , 2009, 44, 2865-2875.	1.7	23
100	Enantioselective Epoxidation of Alkenes by Jacobsen Catalyst Anchored onto Aminopropyl-functionalised Laponite, MCM-41 and FSM-16. <i>Catalysis Letters</i> , 2009, 129, 367-375.	1.4	22
101	n-Hexane Hydroisomerization Over Composite Catalysts Based on BEA Zeolite and Mesoporous Materials. <i>Catalysis Letters</i> , 2009, 129, 331-335.	1.4	6
102	Waste-derived activated carbons for removal of ibuprofen from solution: Role of surface chemistry and pore structure. <i>Bioresource Technology</i> , 2009, 100, 1720-1726.	4.8	208
103	Designing heterogeneous oxovanadium and copper acetylacetonate catalysts: Effect of covalent immobilisation in epoxidation and aziridination reactions. <i>Journal of Molecular Catalysis A</i> , 2009, 312, 53-64.	4.8	59
104	Grafting of vanadyl acetylacetonate onto organo-hexagonal mesoporous silica and catalytic activity in the allylic epoxidation of geraniol. <i>Polyhedron</i> , 2009, 28, 994-1000.	1.0	52
105	Comparison of adsorbent materials for acetic acid removal in showcases. <i>Journal of Cultural Heritage</i> , 2008, 9, 244-252.	1.5	23
106	Catalytic characterization of pillared clays through toluene methylation reaction. <i>Reaction Kinetics and Catalysis Letters</i> , 2008, 95, 373-378.	0.6	0
107	Immobilisation of η^3 -Allyldicarbonyl Complexes of Mo ^{II} with Bidentate Nitrogen Ligands within Aluminium Pillared Clays. <i>European Journal of Inorganic Chemistry</i> , 2008, 1147-1156.	1.0	12
108	Characterization of the hydrophobicity of mesoporous silicas and clays with silica pillars by water adsorption and DRIFT. <i>Journal of Colloid and Interface Science</i> , 2008, 317, 206-213.	5.0	50

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109	Selective adsorption of carbon dioxide, methane and ethane by porous clays heterostructures. Separation and Purification Technology, 2008, 61, 161-167.	3.9	64
110	Effect of the impregnation treatment with Paraloid B-72 on the properties of old Portuguese ceramic tiles. Journal of Cultural Heritage, 2008, 9, 269-276.	1.5	47
111	Post-synthesis organo-sylation of mesostructured FSM-16 for chiral Mn(III) salen catalyst anchoring. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 329, 190-197.	2.3	15
112	Synthesis and characterisation of organo-silica hydrophobic clay heterostructures for volatile organic compounds removal. Microporous and Mesoporous Materials, 2008, 111, 612-619.	2.2	59
113	Vanadyl acetylacetonate anchored onto amine-functionalised clays and catalytic activity in the epoxidation of geraniol. Journal of Molecular Catalysis A, 2008, 283, 5-14.	4.8	76
114	Activated Carbon Derived from Cork Powder Waste by KOH Activation: Preparation, Characterization, and VOCs Adsorption. Industrial & Engineering Chemistry Research, 2008, 47, 5841-5846.	1.8	77
115	Porous Materials Prepared from Clays for the Upgrade of Landfill Gas. Journal of Physical Chemistry C, 2008, 112, 14394-14402.	1.5	56
116	Studies on Selective Adsorption of Biogas Components on Pillared Clays: Approach for Biogas Improvement. Environmental Science & Technology, 2008, 42, 8727-8732.	4.6	61
117	Gilded wood from the organ of the Church of Santa Cruz (Coimbra). Journal of the Brazilian Chemical Society, 2008, 19, 1653-1658.	0.6	6
118	Activated carbons for the adsorption of ibuprofen. Carbon, 2007, 45, 1979-1988.	5.4	325
119	Development, optimisation and application of polyurethane foams as new polymeric phases for stir bar sorptive extraction. Journal of Chromatography A, 2007, 1171, 8-14.	1.8	93
120	Acidity characterization of pillared clays through microcalorimetric measurements and catalytic ethylbenzene test reaction. Applied Catalysis A: General, 2007, 330, 89-95.	2.2	19
121	Direct immobilisation versus covalent attachment of a Mn(III)salen complex onto an Al-pillared clay and influence in the catalytic epoxidation of styrene. Journal of Molecular Catalysis A, 2007, 278, 82-91.	4.8	38
122	Copper acetylacetonate anchored onto amine-functionalised clays. Journal of Colloid and Interface Science, 2007, 316, 570-579.	5.0	67
123	Techniques of thermal analysis applied to the study of cultural heritage. Journal of Thermal Analysis and Calorimetry, 2007, 87, 411-415.	2.0	31
124	On the Difficulties of Predicting the Adsorption of Volatile Organic Compounds at Low Pressures in Microporous Solid: The Example of Ethyl Benzene. Journal of Physical Chemistry B, 2006, 110, 250-257.	1.2	19
125	Characterization of a delaminated clay and pillared clays by adsorption of probe molecules. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 280, 81-87.	2.3	22
126	Synthesis and regeneration of polyurethane/adsorbent composites and their characterization by adsorption methods. Microporous and Mesoporous Materials, 2006, 89, 260-269.	2.2	28

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127	Granular activated carbons from powdered samples using clays as binders for the adsorption of organic vapours. <i>Microporous and Mesoporous Materials</i> , 2006, 93, 226-231.	2.2	34
128	Encapsulation of chiral Mn(III) salen complexes into aluminium pillared clays: Application as heterogeneous catalysts in the epoxidation of styrene. <i>Journal of Molecular Catalysis A</i> , 2006, 248, 135-143.	4.8	42
129	Characterization of Y zeolites dealuminated by solid-state reaction with ammonium hexafluorosilicate. <i>Journal of Porous Materials</i> , 2006, 13, 107-114.	1.3	24
130	Open Cell Polyurethane Foams for New Filters with Supported Adsorbents. <i>Materials Science Forum</i> , 2006, 514-516, 892-896.	0.3	1
131	Immobilization of Hydride Tungsten Complex in Microporous Structures. <i>Materials Science Forum</i> , 2006, 514-516, 1196-1200.	0.3	1
132	Hydrophobic Porous Benzene-Silica Hybrid Clay Heterostructure and Its Application in the Adsorption of Volatile Organic Compounds. <i>Materials Science Forum</i> , 2006, 514-516, 470-474.	0.3	11
133	Characterisation of Ceramic Pastes of Portuguese Ancient Tiles. <i>Materials Science Forum</i> , 2006, 514-516, 1648-1652.	0.3	11
134	Mn(III) salen complex immobilised into pillared clays by in situ and simultaneous pillaring/encapsulation procedures. <i>Microporous and Mesoporous Materials</i> , 2005, 86, 295-302.	2.2	30
135	Characterization of adsorbent materials supported on polyurethane foams by nitrogen and toluene adsorption. <i>Microporous and Mesoporous Materials</i> , 2005, 80, 253-262.	2.2	27
136	Catalytic Properties of a Mn(III)-Salen Complex Immobilised in a Pillared Clay by Simultaneous Pillaring/Encapsulation Procedures. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 837-844.	1.0	12
137	Physical Adsorption of H ₂ S Related to the Conservation of Works of Art: The Role of the Pore Structure at Low Relative Pressure. <i>Adsorption</i> , 2005, 11, 569-576.	1.4	38
138	Toluene methylation over pillared clays with Al, Zr and Al/Zr oxides. <i>Studies in Surface Science and Catalysis</i> , 2005, , 1469-1476.	1.5	2
139	Organo-Laponites as Novel Mesoporous Supports for Manganese(III)salenCatalysts. <i>Langmuir</i> , 2005, 21, 10825-10834.	1.6	41
140	Sorption Isotherms of Organic Vapors on Polyurethane Foams. <i>Journal of Physical Chemistry B</i> , 2004, 108, 13813-13820.	1.2	15
141	Preparation of New Materials Containing Diazoalcene Molybdenum Complexes in Pillared Clays. <i>Materials Science Forum</i> , 2004, 455-456, 569-572.	0.3	1
142	Synthesis and characterization of polyurethane foam matrices for the support of granular adsorbent materials. <i>Journal of Applied Polymer Science</i> , 2004, 92, 2045-2053.	1.3	17
143	Porous materials from clays by the gallery template approach: synthesis, characterization and adsorption properties. <i>Microporous and Mesoporous Materials</i> , 2004, 73, 175-180.	2.2	55
144	Synthesis and immobilization of molybdenum complexes in a pillared layered clay. <i>Microporous and Mesoporous Materials</i> , 2004, 72, 111-118.	2.2	30

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145	Activated carbons from cork waste by chemical activation with K ₂ CO ₃ . Carbon, 2004, 42, 672-674.	5.4	55
146	Development of Novel Pillared Clays for the Encapsulation of Inorganic Complexes. Langmuir, 2004, 20, 2861-2866.	1.6	21
147	Adsorption of Acetic Acid by Activated Carbons, Zeolites, and Other Adsorbent Materials Related with the Preventive Conservation of Lead Objects in Museum Showcases. Journal of Chemical & Engineering Data, 2004, 49, 725-731.	1.0	27
148	Simultaneous aluminium oxide pillaring and copper(ii) Schiff base complexes encapsulation in a montmorillonite. Journal of Materials Chemistry, 2004, 14, 374.	6.7	42
149	Epoxidation of styrene by a manganese(iii) salen complex encapsulated in an aluminium pillared clay. New Journal of Chemistry, 2004, 28, 853-858.	1.4	33
150	Title is missing!. Adsorption, 2003, 9, 303-309.	1.4	49
151	Preparation of activated carbons from cork waste by chemical activation with KOH. Carbon, 2003, 41, 2873-2876.	5.4	49
152	Nitrate occlusion studies in Y zeolite and in a clay pillared with aluminium oxide. Microporous and Mesoporous Materials, 2003, 58, 163-173.	2.2	4
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