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419	Structure of a Porous Cu <sub>2</sub> (pzdc) <sub>2</sub> (bpp) (pzdc: Pyrazine-2,3-dicarboxylate, bpp: 1,3-Bis(4-pyridyl)propane) Coordination Polymer and Flexibility upon Concomitant Hysteretic CO <sub>2</sub> Adsorption. <b>2015</b> , 15, 4123-4131	11
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4 <sup>17</sup>	A rapid microwave-assisted synthesis of a sodium-cadmium metal-organic framework having improved performance as a CO <sub>2</sub> adsorbent for CCS. <b>2015</b> , 44, 9955-63	27
4 <sup>16</sup>	Long and local range structural changes in M[(bdc)(ted) <sub>0.5</sub> ] (M = Zn, Ni or Cu) metal organic frameworks upon spontaneous thermal dispersion of LiCl and adsorption of carbon dioxide. <b>2015</b> , 212, 8-17	21
4 <sup>15</sup>	Titania@silica heterostructures with solar photocatalytic applications. <b>2015</b> , 176-177, 278-287	64
4 <sup>14</sup>	Synthesis of Nanoporous Materials Al-MCM-41 from Natural Halloysite. <b>2015</b> , 10, 1550005	10
4 <sup>13</sup>	Nanoporous graphene/single wall carbon nanohorn heterostructures with enhanced capacitance. <b>2015</b> , 3, 11740-11744	37
4 <sup>12</sup>	Two (3,6)-connected porous metal-organic frameworks based on linear trinuclear [Co <sub>3</sub> (COO) <sub>6</sub> ] and paddlewheel dinuclear [Cu <sub>2</sub> (COO) <sub>4</sub> ] SBUs: gas adsorption, photocatalytic behaviour, and magnetic properties. <b>2015</b> , 3, 6962-6969	178
4 <sup>11</sup>	Total oxidation of isopropanol over manganese oxide modified ZSM-5 zeolite membrane catalysts. <b>2015</b> , 5, 29482-29490	5
4 <sup>10</sup>	Defect Control To Enhance Proton Conductivity in a Metal-Organic Framework. <b>2015</b> , 27, 2286-2289	173
4 <sup>09</sup>	Ethanol adsorption onto carbonaceous and composite adsorbents for adsorptive cooling system. <b>2015</b> , 84, 177-185	31
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4 <sup>06</sup>	Organic shale micropore and mesopore structure characterization by ultra-low pressure N <sub>2</sub> physisorption: Experimental procedure and interpretation model. <b>2015</b> , 27, 452-465	45
4 <sup>05</sup>	Key Steps Influencing the Formation of Aluminosilicate Nanotubes by the Fluoride Route. <b>2015</b> , 63, 132-143	7
4 <sup>04</sup>	Investigation of pore size and energy distributions by statistical physics formalism applied to agriculture products. <b>2015</b> , 439, 150-159	5
4 <sup>03</sup>	Adsorption of methane, carbon dioxide and their binary mixtures on Jurassic shale from the Qaidam Basin in China. <b>2015</b> , 150-151, 210-223	85
4 <sup>02</sup>	Glycerol-derived Mesoporous Carbon: N <sub>2</sub> -sorption and SAXS Data Evaluation. <b>2015</b> , 2, 3836-3845	4
4 <sup>01</sup>	Controllable synthesis of NaP zeolite and its application in calcium adsorption. <b>2015</b> , 58, 621-633	22
4 <sup>00</sup>	Transition metal modified mesoporous silica adsorbents with zero microporosity for the adsorption of contaminants of emerging concern (CECs) from aqueous solutions. <b>2015</b> , 264, 152-164	20

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390	Improved Durability of Electrocatalyst Based on Coating of Carbon Black with Polybenzimidazole and their Application in Polymer Electrolyte Fuel Cells. <b>2016</b> , 8, 14494-502	22
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353	Effects of aging on wood: a literature review. <b>2016</b> , 50, 7-22	62
352	The effects of pore geometry on adsorption equilibrium in shale formations and coal-beds: Lattice density functional theory study. <b>2016</b> , 163, 205-213	28
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345	Hydrogen production from microwave catalytic pyrolysis of spruce sawdust. <b>2017</b> , 124, 175-179	26
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336	Three dimensional porous Hofmann clathrate [MPt(CN)] (M = Co, Ni) synthesized by using postsynthetic reductive elimination. <b>2017</b> , 53, 6512-6515	7
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334	Characterization of activated carbons with low-temperature hydrogen adsorption. <b>2017</b> , 121, 563-573	9
333	Effects of microstructure of clay minerals, montmorillonite, kaolinite and halloysite, on their benzene adsorption behaviors. <b>2017</b> , 143, 184-191	104
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329	Effect of activation on the porous structure and the strain and strength properties of beech wood biocarbon. <b>2017</b> , 59, 114-119	1
328	Organic vapours sorption on simply modified bentonites. <b>2017</b> , 71, 3-12	4

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325	Nitrogen and oxygen dual-doped hollow carbon nanospheres derived from catechol/polyamine as sulfur hosts for advanced lithium sulfur batteries. <b>2017</b> , 124, 23-33	67
324	Synthesis and properties of Co-carbon nanocomposites using synthetic fulvic acids. <b>2017</b> , 201, 207-213	1
323	Study of mesoporous catalysts for conversion of 2,3-butanediol to butenes. <b>2017</b> , 354, 182-196	11
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317	Molecular Dimensions and Porous Structure of Activated Carbons for Sorption of Xylene and Isooctane. <b>2017</b> , 40, 6-17	5
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