Piotr Natkański

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Effect of solvent polarity in formation of perfectly ordered CMK-3 and CMK-5 carbon replicas by precipitation polycondensation of furfuryl alcohol. Microporous and Mesoporous Materials, 2022, 329, 111542.	4.4	7
2	Deposition of poly(furfuryl alcohol) in mesoporous silica template controlled by solvent polarity: A cornerstone of facile and versatile synthesis of high-quality CMK-type carbon replicas. Nanocasting of SBA-15, SBA-16, and KIT-6. Carbon, 2022, 195, 292-307.	10.3	7
3	Electrochemical properties of K and S doped LiMn2O4 studied by GITT and EIS. Electrochimica Acta, 2021, 373, 137901.	5.2	18
4	Study on the thermal performance of carbamazepine at different temperatures, pressures and atmosphere conditions. Thermochimica Acta, 2021, 703, 178990.	2.7	7
5	Understanding porous structure of SBA-15 upon pseudomorphic transformation into MCM-41: Non-direct investigation by carbon replication. Journal of Industrial and Engineering Chemistry, 2020, 92, 131-144.	5.8	14
6	Effect of the type of siliceous template and carbon precursor on physicochemical and catalytic properties of mesoporous nanostructured carbon-palladium systems. Journal of Porous Materials, 2020, 27, 1287-1308.	2.6	5
7	New insight into the effect of surface oxidized groups of nanostructured carbon supported Pd catalysts on the furfural hydrogenation. Surfaces and Interfaces, 2019, 17, 100379.	3.0	11
8	Novel CuO-containing catalysts based on ZrO2 hollow spheres for total oxidation of toluene. Microporous and Mesoporous Materials, 2019, 279, 446-455.	4.4	26
9	Dynamic adsorption–desorption of methyl ethyl ketone on MCM-41 and SBA-15 decorated with thermally activated polymers. Journal of Industrial and Engineering Chemistry, 2019, 71, 465-480.	5.8	15
10	Porous clay heterostructures intercalated with multicomponent pillars as catalysts for dehydration of alcohols. Applied Clay Science, 2018, 160, 116-125.	5.2	35
11	Polymer Hydrogel-Clay (Nano)Composites. Gels Horizons: From Science To Smart Materials, 2018, , 1-62.	0.3	2
12	Leak testing of carbon–tin nanocomposites by thermal analysis methods. Journal of Thermal Analysis and Calorimetry, 2017, 127, 47-53.	3.6	2
13	Synthesis of pseudo-CMK-3 carbon replicas by precipitation polycondensation of furfuryl alcohol in the pore system of SBA-15 detemplated using KMnO4. Materials Today Communications, 2017, 13, 6-22.	1.9	13
14	Removal of cyanobacterial anatoxin-a from water by natural clay adsorbents. Applied Clay Science, 2017, 148, 17-24.	5.2	16
15	Multifunctional Carbon Aerogels Derived by Sol–Gel Process of Natural Polysaccharides of Different Botanical Origin. Materials, 2017, 10, 1336.	2.9	31
16	Co3O4-pillared montmorillonite catalysts synthesized by hydrogel-assisted route for total oxidation of toluene. Applied Catalysis B: Environmental, 2016, 195, 59-68.	20.2	93
17	Physicochemical properties of hydrogel template-synthesized copper(<scp>ii</scp>) oxide-modified clay influencing its catalytic activity in toluene combustion. RSC Advances, 2016, 6, 100373-100382.	3.6	7
18	Influence of thermal treatment conditions on efficiency of PFA/MCM-48 composite and CMK-1 carbon replica in adsorption of volatile organic compounds. Journal of Thermal Analysis and Calorimetry, 2016, 126, 1313-1322.	3.6	9

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19	Hydrotalcite-derived cobalt–aluminum mixed oxide catalysts for toluene combustion. Applied Surface Science, 2016, 362, 297-303.	6.1	30
20	Hydrogel template-assisted synthesis of nanometric Fe 2 O 3 supported on exfoliated clay. Microporous and Mesoporous Materials, 2016, 221, 212-219.	4.4	12
21	Sol–gel synthesis, structural and electrical properties of Li2CoSiO4 cathode material. Functional Materials Letters, 2014, 07, 1440001.	1.2	4
22	Effect of Fe3+ ions present in the structure of poly(acrylic acid)/montmorillonite composites on their thermal decomposition. Journal of Thermal Analysis and Calorimetry, 2013, 113, 335-342.	3.6	21
23	Thermal stability of montmorillonite polyacrylamide and polyacrylate nanocomposites and adsorption of Fe(III) ions. Applied Clay Science, 2013, 75-76, 153-157.	5.2	41
24	Thermal transformation of polyacrylonitrile deposited on SBA-15 type silica. Journal of Thermal Analysis and Calorimetry, 2012, 110, 119-125.	3.6	35
25	Controlled swelling and adsorption properties of polyacrylate/montmorillonite composites. Materials Chemistry and Physics, 2012, 136, 1109-1115.	4.0	22
26	Influence of textural and structural properties of MgAl and MgZnAl containing hydrotalcite derived oxides on Cr(VI) adsorption capacity. Materials Chemistry and Physics, 2012, 132, 929-936.	4.0	17