

Piotr Natkański

List of Publications by Year in descending order

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26
papers

500
citations

686830

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676716

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g-index

26
all docs

26
docs citations

26
times ranked

772
citing authors

#	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. <i>Microporous and Mesoporous Materials</i> , 2022, 329, 111542.	2.2	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. <i>Nanocasting of SBA-15, SBA-16, and KIT-6</i> . <i>Carbon</i> , 2022, 195, 292-307.	5.4	7
3	Electrochemical properties of K and S doped LiMn2O4 studied by GITT and EIS. <i>Electrochimica Acta</i> , 2021, 373, 137901.	2.6	18
4	Study on the thermal performance of carbamazepine at different temperatures, pressures and atmosphere conditions. <i>Thermochimica Acta</i> , 2021, 703, 178990.	1.2	7
5	Understanding porous structure of SBA-15 upon pseudomorphic transformation into MCM-41: Non-direct investigation by carbon replication. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 92, 131-144.	2.9	14
6	Effect of the type of siliceous template and carbon precursor on physicochemical and catalytic properties of mesoporous nanostructured carbon-palladium systems. <i>Journal of Porous Materials</i> , 2020, 27, 1287-1308.	1.3	5
7	New insight into the effect of surface oxidized groups of nanostructured carbon supported Pd catalysts on the furfural hydrogenation. <i>Surfaces and Interfaces</i> , 2019, 17, 100379.	1.5	11
8	Novel CuO-containing catalysts based on ZrO2 hollow spheres for total oxidation of toluene. <i>Microporous and Mesoporous Materials</i> , 2019, 279, 446-455.	2.2	26
9	Dynamic adsorption-desorption of methyl ethyl ketone on MCM-41 and SBA-15 decorated with thermally activated polymers. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 71, 465-480.	2.9	15
10	Porous clay heterostructures intercalated with multicomponent pillars as catalysts for dehydration of alcohols. <i>Applied Clay Science</i> , 2018, 160, 116-125.	2.6	35
11	Polymer Hydrogel-Clay (Nano)Composites. <i>Gels Horizons: From Science To Smart Materials</i> , 2018, , 1-62.	0.3	2
12	Leak testing of carbon-tin nanocomposites by thermal analysis methods. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 47-53.	2.0	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. <i>Materials Today Communications</i> , 2017, 13, 6-22.	0.9	13
14	Removal of cyanobacterial anatoxin-a from water by natural clay adsorbents. <i>Applied Clay Science</i> , 2017, 148, 17-24.	2.6	16
15	Multifunctional Carbon Aerogels Derived by Sol-Gel Process of Natural Polysaccharides of Different Botanical Origin. <i>Materials</i> , 2017, 10, 1336.	1.3	31
16	Co3O4-pillared montmorillonite catalysts synthesized by hydrogel-assisted route for total oxidation of toluene. <i>Applied Catalysis B: Environmental</i> , 2016, 195, 59-68.	10.8	93
17	Physicochemical properties of hydrogel template-synthesized copper(II) oxide-modified clay influencing its catalytic activity in toluene combustion. <i>RSC Advances</i> , 2016, 6, 100373-100382.	1.7	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. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 1313-1322.	2.0	9

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19	Hydrotalcite-derived cobalt-aluminum mixed oxide catalysts for toluene combustion. Applied Surface Science, 2016, 362, 297-303.	3.1	30
20	Hydrogel template-assisted synthesis of nanometric Fe ₂ O ₃ supported on exfoliated clay. Microporous and Mesoporous Materials, 2016, 221, 212-219.	2.2	12
21	Sol-gel synthesis, structural and electrical properties of Li ₂ CoSiO ₄ cathode material. Functional Materials Letters, 2014, 07, 1440001.	0.7	4
22	Effect of Fe ³⁺ 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.	2.0	21
23	Thermal stability of montmorillonite polyacrylamide and polyacrylate nanocomposites and adsorption of Fe(III) ions. Applied Clay Science, 2013, 75-76, 153-157.	2.6	41
24	Thermal transformation of polyacrylonitrile deposited on SBA-15 type silica. Journal of Thermal Analysis and Calorimetry, 2012, 110, 119-125.	2.0	35
25	Controlled swelling and adsorption properties of polyacrylate/montmorillonite composites. Materials Chemistry and Physics, 2012, 136, 1109-1115.	2.0	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.	2.0	17