Krisztina LÃ¡szlÃ³

List of Publications by Year
in descending order

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169	4,752	94433	128289
papers	citations	37	60
		h-index	g-index

173	173	173	6140
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interaction of resorcinol-formaldehyde carbon aerogels with water: A comprehensive NMR study. Carbon, 2022, 189, 57-70.	10.3	10
2	Long-Term Aging of Concentrated Aqueous Graphene Oxide Suspensions Seen by Rheology and Raman Spectroscopy. Nanomaterials, 2022, 12, 916.	4.1	4
3	Crossâ€Linked Enzymeâ€Adhered Nanoparticles (CLEANs) for Continuousâ€Flow Bioproduction. ChemSusChem, 2022, 15, .	6.8	6
4	Nano-ZrO2@C, Nano-(ZrC, ZrO2)@C and Nano-ZrC@C Composites Prepared by Plasma-Assisted Carbonization of Zr-Loaded Iminodiacetate-Functionalized Styrene-Divinylbenzene Copolymers. Inorganics, 2022, 10, 77.	2.7	4
5	Poisoning and Reuse of Supported Precious Metal Catalysts in the Hydrogenation of N-Heterocycles, Part II: Hydrogenation of 1-Methylpyrrole over Rhodium. Catalysts, 2022, 12, 730.	3.5	1
6	Fluorescence probing of binding sites on graphene oxide nanosheets with Oxazine 1 dye. Applied Surface Science, 2021, 541, 148451.	6.1	10
7	Copper benzene-1,3,5-tricarboxylate (HKUST-1) â€“ graphene oxide pellets for methane adsorption. Microporous and Mesoporous Materials, 2021, 316, 110948.	4.4	16
8	Structural changes in resorcinol formaldehyde aerogel seen by NMR. Microporous and Mesoporous Materials, 2021, 317, 110988.	4.4	7
9	Solid-Phase â€œSelf-Hydrolysisâ€•of [Zn(NH3)4MoO4@2H2O] Involving Enclathrated Waterâ€”An Easy Route to a Layered Basic Ammonium Zinc Molybdate Coordination Polymer. Molecules, 2021, 26, 4022.	3.8	9
10	Biomass Related Highly Porous Metal Free Carbon for Gas Storage and Electrocatalytic Applications. Materials, 2021, 14, 3488.	2.9	3
11	Side group ratio as a novel means to tune the hydrolytic degradation of thiolated and disulfide cross-linked polyaspartamides. Polymer Degradation and Stability, 2021, 188, 109577.	5.8	5
12	Physicochemical Characterization and Drug Release Properties of Methyl-Substituted Silica Xerogels Made Using Solâ€“Gel Process. International Journal of Molecular Sciences, 2021, 22, 9197.	4.1	8
13	Effect of pH in the hydrothermal preparation of monoclinic tungsten oxide. Journal of Solid State Chemistry, 2020, 281, 121044.	2.9	14
14	Room temperature ionic liquids to tailor resorcinol â€“ Formaldehyde polymer gels. Microporous and Mesoporous Materials, 2020, 294, 109888.	4.4	6
15	Electric and Photocatalytic Properties of Graphene Oxide Depending on the Degree of Its Reduction. Nanomaterials, 2020, 10, 2313.	4.1	5
16	Ecotoxicity Assessment of Graphene Oxide by Daphnia magna through a Multimarker Approach from the Molecular to the Physiological Level including Behavioral Changes. Nanomaterials, 2020, 10, 2048.	4.1	11
17	Hydrothermal Synthesis and Gas Sensing of Monoclinic MoO3 Nanosheets. Nanomaterials, 2020, 10, 891.	4.1	37
18	Comparison of thermally and chemically reduced graphene oxides by thermal analysis and Raman spectroscopy. Journal of Thermal Analysis and Calorimetry, 2020, 142, 331-337.	3.6	44

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19	Graphene Oxide Protected Copper Benzene-1,3,5-Tricarboxylate for Clean Energy Gas Adsorption. Nanomaterials, 2020, 10, 1182.	4.1	21
20	Thermal degradation of crab shell biomass, a nitrogen-containing carbon precursor. Journal of Thermal Analysis and Calorimetry, 2020, 142, 301-308.	3.6	23
21	Fast dissolving nanofibrous matrices prepared by electrospinning of polyaspartamides. European Polymer Journal, 2020, 130, 109624.	5.4	13
22	Nitrogen doped carbon aerogel composites with TiO‹sub›2‹/sub› and ZnO prepared by atomic layer deposition. Journal of Materials Chemistry C, 2020, 8, 6891-6899.	5.5	10
23	A feasible linker transformation strategy towards the formation of Cu‹sub›2‹/sub›O nanoparticles for immobilization in hierarchical CuBTC for adsorption desulfurization. Journal of Materials Chemistry A, 2020, 8, 8678-8683.	10.3	30
24	Photocatalytic and Gas Sensitive Multiwalled Carbon Nanotube/TiO2-ZnO and ZnO-TiO2 Composites Prepared by Atomic Layer Deposition. Nanomaterials, 2020, 10, 252.	4.1	17
25	Photocatalytically Active Amorphous and Crystalline TiO2 Prepared by Atomic Layer Deposition. Periodica Polytechnica: Chemical Engineering, 2019, 63, 378-387.	1.1	6
26	Static and dynamic studies of hydrogen adsorption on nanoporous carbon gels. International Journal of Hydrogen Energy, 2019, 44, 18169-18178.	7.1	36
27	Effect of pH in the Hydrothermal Preparation of Bi2WO6 Nanostructures. Materials, 2019, 12, 1728.	2.9	18
28	Effect of graphene-derivatives on the responsivity of PNIPAM-based thermosensitive nanocomposites â€“ A review. European Polymer Journal, 2019, 116, 106-116.	5.4	21
29	Role of water molecules in the decomposition of HKUST-1: Evidence from adsorption, thermoanalytical, X-ray and neutron scattering measurements. Applied Surface Science, 2019, 480, 138-147.	6.1	28
30	Photocatalytic properties of TiO2@polymer and TiO2@carbon aerogel composites prepared by atomic layer deposition. Carbon, 2019, 147, 476-482.	10.3	51
31	Water-Ionic Liquid Binary Mixture Tailored Resorcinol-Formaldehyde Carbon Aerogels without Added Catalyst. Materials, 2019, 12, 4208.	2.9	5
32	Reduction and covalent modification of grapheneâ€oxide by nitrogen in glow discharge plasma. Surface and Interface Analysis, 2018, 50, 1207-1212.	1.8	16
33	Correlation between structure and responsivity in PNIPAM based nanocomposites: A combined nano- and macroscale view. European Polymer Journal, 2018, 99, 180-188.	5.4	5
34	Pressure resistance of copper benzene-1,3,5-tricarboxylate â€“ carbon aerogel composites. Applied Surface Science, 2018, 434, 1300-1310.	6.1	15
35	Thermal analysis of the improved Hummersâ€™ synthesis of graphene oxide. Journal of Thermal Analysis and Calorimetry, 2018, 131, 2267-2272.	3.6	60
36	Influence of Graphene Oxide Incorporation on Resorcinol-Formaldehyde Polymer and Carbon Aerogels. Periodica Polytechnica: Chemical Engineering, 2018, 62, .	1.1	5

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37	Preparation of graphene oxide/semiconductor oxide composites by using atomic layer deposition. Applied Surface Science, 2018, 453, 245-251.	6.1	32
38	Synergism of nitrogen and reduced graphene in the electrocatalytic behavior of resorcinol - Formaldehyde based carbon aerogels. Carbon, 2018, 139, 872-879.	10.3	26
39	Preparation and characterization of a nitrogen-doped mesoporous carbon aerogel and its polymer precursor. Journal of Thermal Analysis and Calorimetry, 2018, 134, 933-939.	3.6	17
40	Effect of side groups on the properties of cationic polyaspartamides. European Polymer Journal, 2017, 93, 805-814.	5.4	12
41	Natural rubber/graphene oxide nanocomposites via melt and latex compounding: Comparison at very low graphene oxide content. Journal of Reinforced Plastics and Composites, 2017, 36, 808-817.	3.1	25
42	Enhancing substrate utilization and power production of a microbial fuel cell with nitrogen-doped carbon aerogel as cathode catalyst. Biotechnology Letters, 2017, 39, 993-999.	2.2	12
43	Graphene derivatives in responsive hydrogels: Effect of concentration and surface chemistry. European Polymer Journal, 2017, 93, 717-725.	5.4	8
44	Non-covalent interactions between poly(N-isopropylacrylamide) and small aromatic probe molecules studied by NMR spectroscopy. European Polymer Journal, 2017, 93, 750-760.	5.4	2
45	Poly(aspartic acid) with adjustable pH-dependent solubility. Acta Biomaterialia, 2017, 49, 486-494.	8.3	23
46	Immobilization engineering â€“ How to design advanced solâ€“gel systems for biocatalysis?. Green Chemistry, 2017, 19, 3927-3937.	9.0	44
47	Photocatalytic C60-amorphous TiO2 composites prepared by atomic layer deposition. Applied Surface Science, 2017, 419, 497-502.	6.1	36
48	Double probe approach to protein adsorption on porous carbon surfaces. Carbon, 2017, 112, 103-110.	10.3	11
49	In situ evolved gas analysis assisted thermogravimetric (TG-FTIR and TG/DTAâ€“MS) studies on non-activated copper benzene-1,3,5-tricarboxylate. Thermochimica Acta, 2017, 647, 62-69.	2.7	25
50	Search for the Origin of Discrepancies in Osmotic Measurements of the PNIPAM - Water System. Periodica Polytechnica: Chemical Engineering, 2017, 61, 39.	1.1	12
51	Distorted Graphene Sheet Structure-Derived Latent Nanoporosity. Langmuir, 2016, 32, 5617-5622.	3.5	13
52	Small angle neutron scattering study of globular proteins confined in porous carbons. Carbon, 2016, 106, 142-151.	10.3	12
53	Photocatalytic WO₃/TiO₂ nanowires: WO₃ polymorphs influencing the atomic layer deposition of TiO₂. RSC Advances, 2016, 6, 95369-95377.	3.6	44
54	Effect of mild alkali/ultrasound treatment on flax and hemp fibres: the different responses of the two substrates. Cellulose, 2016, 23, 2117-2128.	4.9	16

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55	Nitrogen doped mesoporous carbon aerogels and implications for electrocatalytic oxygen reduction reactions. Microporous and Mesoporous Materials, 2016, 230, 135-144.	4.4	39
56	Diffusion of molecular hydrogen in carbon aerogel. Carbon, 2016, 98, 572-581.	10.3	11
57	S-doped carbon aerogels/GO composites as oxygen reduction catalysts. Journal of Energy Chemistry, 2016, 25, 236-245.	12.9	50
58	Thermal transformation of bioactive caffeic acid on fumed silica seen by UVâ€“Vis spectroscopy, thermogravimetric analysis, temperature programmed desorption mass spectrometry and quantum chemical methods. Journal of Colloid and Interface Science, 2016, 470, 132-141.	9.4	21
59	Low pressure RF plasma modification of the surface of three different nano-carbon materials. Open Chemistry, 2015, 13, .	1.9	4
60	Sulfurâ€Doped Carbon Aerogel as a Metalâ€Free Oxygen Reduction Catalyst. ChemCatChem, 2015, 7, 2924-2931.	3.7	50
61	Supermacroporous chemically cross-linked poly(aspartic acid) hydrogels. Acta Biomaterialia, 2015, 22, 32-38.	8.3	48
62	Structure-Independent Proton Transport in Cerium(III) Phosphate Nanowires. ACS Applied Materials & Interfaces, 2015, 7, 9947-9956.	8.0	16
63	Hostâ€“guest interactions in poly(N-isopropylacrylamide) gel. Journal of Thermal Analysis and Calorimetry, 2015, 120, 1273-1281.	3.6	13
64	Interactions in aromatic probe molecule loaded poly(N-isopropylacrylamide) hydrogels and implications for drug delivery. European Polymer Journal, 2015, 68, 657-664.	5.4	12
65	Surface modification of graphene and graphite by nitrogen plasma: Determination of chemical state alterations and assignments by quantitative X-ray photoelectron spectroscopy. Carbon, 2015, 84, 185-196.	10.3	160
66	Catalytic performance of carbon nanotubes in H2O2 decomposition: Experimental and quantum chemical study. Journal of Colloid and Interface Science, 2015, 437, 283-290.	9.4	41
67	Molecularly imprinted microspheres prepared by precipitation polymerization at high monomer concentrations. Molecular Imprinting, 2014, 2, 1-17.	1.8	20
68	Molybdenum doped carbon aerogels with catalytic potential. Carbon, 2014, 66, 210-218.	10.3	18
69	Novel synthesis route of metal doped resorcinolâ€“formaldehyde polymer xerogels with tuned porosity. Microporous and Mesoporous Materials, 2014, 185, 66-71.	4.4	5
70	Heterogeneity of multiwalled carbon nanotubes based on adsorption of simple aromatic compounds from aqueous solutions. Adsorption, 2014, 20, 789-800.	3.0	4
71	Incompatible Liquids in Confined Conditions. Journal of Physical Chemistry C, 2014, 118, 23723-23727.	3.1	6
72	Chitosan-nanosilica hybrid materials: Preparation and properties. Applied Surface Science, 2014, 320, 563-569.	6.1	31

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73	Influence of the Support Crystal Structure of WO3/Au Catalysts in CO Oxidation. Catalysis Letters, 2014, 144, 831-836.	2.6	11
74	Hydroconversion of acetic acid over carbon aerogel supported molybdenum catalyst. Microporous and Mesoporous Materials, 2014, 190, 46-53.	4.4	13
75	In situ SAXS investigation of structural changes in soft resorcinolâ€“formaldehyde polymer gels during CO2-drying. Journal of Supercritical Fluids, 2013, 75, 112-119.	3.2	11
76	Redoxâ€•and pHâ€Responsive Cysteamineâ€Modified Poly(aspartic acid) Showing a Reversible Solâ€“Gel Transition. Macromolecular Bioscience, 2013, 13, 633-640.	4.1	53
77	Thermally Responsive Amphiphilic Conetworks and Gels Based on Poly(N-isopropylacrylamide) and Polyisobutylene. Macromolecules, 2013, 46, 5337-5344.	4.8	80
78	TiO2-doped resorcinolâ€“formaldehyde (RF) polymer and carbon gels with photocatalytic activity. Nanomaterials and the Environment, 2013, 1, .	0.3	9
79	Hostâ€“Guest Interactions in Poly(N-isopropylacrylamide) Hydrogel Seen by One- and Two-Dimensional ¹H CRAMPS Solid-State NMR Spectroscopy. Macromolecules, 2013, 46, 3118-3124.	4.8	18
80	Effect of molybdenum on the structure formation of resorcinolâ€“formaldehyde hydrogel studied by coherent x-ray scattering. Journal of Chemical Physics, 2012, 136, 234907.	3.0	5
81	Hostâ€“Guest Interactions in Poly(N-isopropylacrylamide) Hydrogels. Chemistry Letters, 2012, 41, 1055-1056.	1.3	10
82	WO3 photocatalysts: Influence of structure and composition. Journal of Catalysis, 2012, 294, 119-127.	6.2	299
83	Driving Forces of Conformational Changes in Single-Layer Graphene Oxide. ACS Nano, 2012, 6, 3967-3973.	14.6	107
84	N-containing carbons from styreneâ€“divinylbenzene copolymer by urea treatment. Applied Surface Science, 2012, 258, 2410-2415.	6.1	8
85	Competitive adsorption of phenol and 3-chlorophenol on purified MWCNTs. Journal of Colloid and Interface Science, 2012, 387, 244-249.	9.4	32
86	Comparative XRD, Raman, and TEM Study on Graphitization of PBO-Derived Carbon Fibers. Journal of Physical Chemistry C, 2012, 116, 257-268.	3.1	183
87	Nanostructure evolution in heat-treated porous carbons derived from PBO polymer. Journal of Alloys and Compounds, 2012, 536, S464-S468.	5.5	7
88	Water Adsorption by Carbons. Hydrophobicity and Hydrophilicity. , 2012, , 147-171.		8
89	In situ synthesis of molecularly imprinted nanoparticles in porous support membranes using highâ€viscosity polymerization solvents. Journal of Molecular Recognition, 2012, 25, 320-329.	2.1	21
90	Morphology and adsorption properties of chemically modified MWCNT probed by nitrogen, n-propane and water vapor. Carbon, 2012, 50, 577-585.	10.3	31

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91	Graphitization of highly porous carbons derived from poly(p-phenylene benzobisoxazole). Carbon, 2012, 50, 2929-2940.	10.3	33
92	Simultaneous adsorption of toluene and water vapor on a high surface area carbon. Carbon, 2012, 50, 4155-4162.	10.3	9
93	Surface-associated metal catalyst enhances the sorption of perfluorooctanoic acid to multi-walled carbon nanotubes. Journal of Colloid and Interface Science, 2012, 377, 342-346.	9.4	27
94	Drying of resorcinolâ€“formaldehyde gels with CO2 medium. Microporous and Mesoporous Materials, 2012, 148, 34-42.	4.4	21
95	pH-driven physicochemical conformational changes of single-layer graphene oxide. Chemical Communications, 2011, 47, 9645.	4.1	83
96	Interaction of phenol and dopamine with commercial MWCNTs. Journal of Colloid and Interface Science, 2011, 364, 469-475.	9.4	17
97	Kinetics and mechanism of the deamination of primary aliphatic amines on the silica surface. Theoretical and Experimental Chemistry, 2011, 47, 176-182.	0.8	1
98	Complementary X-ray scattering and high resolution imaging of nanostructure development in thermally treated PBO fibers. Carbon, 2011, 49, 2960-2970.	10.3	20
99	Morphological and chemical features of nano and macroscale carbons affecting hydrogen peroxide decomposition in aqueous media. Journal of Colloid and Interface Science, 2011, 361, 129-136.	9.4	35
100	Kinetics of Jammed Systems: PNIPA Gels. Macromolecular Symposia, 2011, 306-307, 27-32.	0.7	2
101	Water vapour adsorption in highly porous carbons as seen by small and wide angle X-ray scattering. Carbon, 2010, 48, 1038-1048.	10.3	44
102	The key role of microtexture in the graphitisation of PBO fibre chars as seen by X-ray scattering and transmission electron microscopy. Carbon, 2010, 48, 3968-3970.	10.3	5
103	Microphase Structure of Poly(N-isopropylacrylamide) Hydrogels As Seen by Small- and Wide-Angle X-ray Scattering and Pulsed Field Gradient NMR. Langmuir, 2010, 26, 4415-4420.	3.5	30
104	Phenolâ€“polymer proximity in a thermoresponsive gel determined by solid-state¹Hâ€“¹H CRAMPS NMR spectroscopy. Soft Matter, 2010, 6, 247-249.	2.7	11
105	Deswelling kinetics of PNIPA gels. Soft Matter, 2010, 6, 4335.	2.7	25
106	Preparation of terbutylazine imprinted polymer microspheres using viscous polymerization solvents. Journal of Separation Science, 2009, 32, 3347-3358.	2.5	12
107	The effect of ionic environment on the TG response of phenol loaded PET-based porous carbons. Journal of Thermal Analysis and Calorimetry, 2009, 97, 273-280.	3.6	12
108	Kinetic and equilibrium separation of Co and Co2 by impregnated spherical carbons. Microporous and Mesoporous Materials, 2009, 120, 76-83.	4.4	8

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109	Copper-containing resorcinolâ€“formaldehyde networks. Microporous and Mesoporous Materials, 2009, 126, 213-221.	4.4	12
110	Cu-doped resorcinolâ€“formaldehyde (RF) polymer and carbon aerogels. Journal of Colloid and Interface Science, 2009, 337, 513-522.	9.4	21
111	Water in Contact with Magnetite Nanoparticles, as Seen from Experiments and Computer Simulations. Langmuir, 2009, 25, 13007-13014.	3.5	50
112	Water vapour adsorption and contrast-modified SAXS inÂmicroporous polymer-based carbons of different surface chemistry. Adsorption, 2008, 14, 447-455.	3.0	13
113	Wetting and non-wetting fluids in surface-functionalised activated carbons. Colloid and Polymer Science, 2008, 286, 59-65.	2.1	3
114	Interaction of phenols with thermo-responsive hydrogels. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 319, 159-164.	4.7	11
115	Influence of a Crown Ether Comonomer on the Temperature-Induced Phase Transition of Poly(N-isopropylacrylamide) Hydrogels. Journal of Physical Chemistry B, 2008, 112, 1065-1070.	2.6	14
116	Morphological Characterization of Oxidized and Metal Impregnated Spherical Carbons. , 2008, , 139-147.		0
117	The Effect of Ionic Environment on the Adsorption of Phenol. , 2008, , 148-156.		1
118	X-ray Photon Correlation Spectroscopy of Dynamics in Thermosensitive Gels. Macromolecular Symposia, 2007, 256, 73-79.	0.7	6
119	Distribution of Phenols in Thermoresponsive Hydrogels. Macromolecules, 2007, 40, 2141-2147.	4.8	22
120	Heterogeneity of activated carbons in adsorption of aniline from aqueous solutions. Applied Surface Science, 2007, 253, 8762-8771.	6.1	27
121	pH-dependent adsorption and desorption of phenol and aniline on basic activated carbon. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 306, 95-101.	4.7	48
122	Influence of silicon doping on the nanomorphology and surface chemistry of a wood-based carbon molecular sieve. Microporous and Mesoporous Materials, 2007, 100, 103-110.	4.4	6
123	Connection Between Surface Properties, Specific Surface Area and Component Distribution of Binary Mixtures of Corn Starch and Metronidazole. Starch/Staerke, 2007, 59, 510-512.	2.1	3
124	Capillary theory of free fluid surfaces. Colloid and Polymer Science, 2007, 285, 1181-1191.	2.1	1
125	Molar surface energy and EÃ¶tvÃ¶sâ€™s law. Colloid and Polymer Science, 2007, 285, 1505-1508.	2.1	10
126	Surface chemistry and contrast-modified SAXS in polymer-based activated carbons. Carbon, 2006, 44, 2437-2444.	10.3	17

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127	Heterogeneity of activated carbons with different surface chemistry in adsorption of phenol from aqueous solutions. Applied Surface Science, 2006, 252, 5752-5762.	6.1	55
128	MORPHOLOGY AND SURFACE CHEMISTRY OF CHEMICALLY TREATED ACTIVATED CARBONS. , 2006, , 119-132.		0
129	Influence of drying on the morphology of resorcinolâ€“formaldehyde-based carbon gels. Microporous and Mesoporous Materials, 2005, 86, 124-133.	4.4	144
130	Control of pore formation in macroporous polymers synthesized by single-step Î³-radiation-initiated polymerization and cross-linking. Polymer, 2005, 46, 2862-2871.	3.8	82
131	Characterization and adsorption properties of polymer-based microporous carbons with different surface chemistry. Microporous and Mesoporous Materials, 2005, 80, 205-211.	4.4	54
132	Honeycomb carbon monoliths from Pinus sylvestris. Carbon, 2005, 43, 2402-2405.	10.3	17
133	Chromatographic behavior of silicaâ€“polymer composite molecularly imprinted materials. Journal of Chromatography A, 2005, 1100, 60-67.	3.7	17
134	Adsorption from aqueous phenol and aniline solutions on activated carbons with different surface chemistry. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 265, 32-39.	4.7	90
135	Characteristic adsorption functions and the surface structure of solid adsorbents. Journal of Colloid and Interface Science, 2005, 286, 425-432.	9.4	4
136	Influence of Surface Chemistry on the SAXS Response of Polymer-Based Activated Carbons. Langmuir, 2005, 21, 8443-8451.	3.5	33
137	Individual Variables in Capillarity. Colloid and Polymer Science, 2004, 282, 243-249.	2.1	4
138	Molecular-Sieve Honeycomb for Air Separation fromPicea abies. Helvetica Chimica Acta, 2004, 87, 1888-1893.	1.6	12
139	High-Sensitivity Isothermal and Scanning Microcalorimetry in PNIPA Hydrogels around the Volume Phase Transition. Macromolecules, 2004, 37, 10067-10072.	4.8	39
140	Morphological Investigation of Chemically Treated Poly(ethylene terephthalate)-Based Activated Carbons. Langmuir, 2004, 20, 1321-1328.	3.5	37
141	Surface chemistry of nanoporous carbon and the effect of pH on adsorption from aqueous phenol and 2,3,4-trichlorophenol solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 230, 13-22.	4.7	48
142	Interaction of non-ionic hydrogels with small aromatic molecules. Polymers for Advanced Technologies, 2003, 14, 771-775.	3.2	1
143	Heterogeneity of Polymer-Based Active Carbons in Adsorption of Aqueous Solutions of Phenol and 2,3,4-Trichlorophenol. Langmuir, 2003, 19, 5287-5294.	3.5	93
144	Phase Transition in Poly(N-isopropylacrylamide) Hydrogels Induced by Phenols. Macromolecules, 2003, 36, 7771-7776.	4.8	56

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145	Aggregation of particulate fillers: factors, determination, properties. Macromolecular Symposia, 2003, 194, 111-124.	0.7	20
146	Effect of heat treatment on synthetic carbon precursors. Carbon, 2003, 41, 1205-1214.	10.3	23
147	Interaction of non-ionic hydrogels with weak aromatic acids. Macromolecular Symposia, 2003, 200, 181-190.	0.7	2
148	Effect of achiral support on the resolution of tetramisole by supercritical fluid extraction. Tetrahedron: Asymmetry, 2002, 13, 1429-1434.	1.8	11
149	Palladium as catalyst in polycondensed matrix, Part III.. Reaction Kinetics and Catalysis Letters, 2002, 76, 383-392.	0.6	0
150	Effect of activation on the surface chemistry of carbons from polymer precursors. Carbon, 2001, 39, 1217-1228.	10.3	227
151	Surface characterization of polyethyleneterephthalate (PET) based activated carbon and the effect of pH on its adsorption capacity from aqueous phenol and 2,3,4-trichlorophenol solutions. Carbon, 2001, 39, 1945-1953.	10.3	146
152	Title is missing!. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 2001, 63, 913-914.	1.4	0
153	Palladium as Catalyst in a Polycondensed Matrix, Part ii. Reaction Kinetics and Catalysis Letters, 2001, 73, 187-197.	0.6	0
154	Adsorption from aqueous phenol and 2,3,4-trichlorophenol solutions on nanoporous carbon prepared from poly(ethylene terephthalate). , 2001, , 5-12.		6
155	Effect of tetramethylammonium hydroxide on cotton cellulose compared to sodium hydroxide. Macromolecular Chemistry and Physics, 2000, 201, 2550-2556.	2.2	17
156	Comparative adsorption study on carbons from polymer precursors. Carbon, 2000, 38, 1965-1976.	10.3	89
157	A new alumina-supported, not pyrophoric Raney-type Ni-catalyst. Applied Catalysis A: General, 2000, 190, 73-86.	4.3	41
158	Palladium as a Catalyst in a Polycondensed Matrix, Part 1. Reaction Kinetics and Catalysis Letters, 2000, 71, 153-158.	0.6	1
159	Effect of tetramethylammonium hydroxide on cotton cellulose compared to sodium hydroxide. Macromolecular Chemistry and Physics, 2000, 201, 2550-2556.	2.2	1
160	Porous carbon from polymer waste materials. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 151, 311-320.	4.7	43
161	Nonequilibrium Aspects of Adsorption from a Dilute Aqueous Solution of 1-Propanol onto Activated Carbon:Â Interrelation between the Sorbent â€œConcentrationâ€•Effect and Metastability. Langmuir, 1999, 15, 1307-1312.	3.5	7
162	Fractal approach of activated carbons from solid waste materials. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1998, 138, 29-37.	4.7	29

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163	Comparative Study of Active Carbons from Different Precursors. Langmuir, 1997, 13, 6502-6509.	3.5	61
164	Characterization of activated carbons from waste materials by adsorption from aqueous solutions. Carbon, 1997, 35, 593-598.	10.3	72
165	Enthalpy of displacement of binary liquid mixtures on solid surfaces part III. Determination of the adsorption capacity from calorimetric and adsorption data. Colloids and Surfaces, 1987, 23, 57-68.	0.9	26
166	Enthalpy of displacement of binary liquid mixtures on solid surfaces part II. Analysis of S-shaped excess isotherms. Colloids and Surfaces, 1987, 23, 41-55.	0.9	29
167	Investigation of high-performance liquid chromatographic packings by liquid mixture adsorption. Journal of Chromatography A, 1987, 406, 311-316.	3.7	2
168	Enthalpy of displacement of binary liquid mixtures on solid surfaces part I. Analysis of u-shaped isotherms. Colloids and Surfaces, 1986, 19, 47-66.	0.9	39
169	Interactions in dopamine and indole loaded thermosensitive hydrogels seen by high sensitivity microDSC. Implications for drug delivery. Journal of Thermal Analysis and Calorimetry, 0, , .	3.6	1