

# Agnieszka Kierys

## List of Publications by Year in descending order

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51  
papers

709  
citations

516561

16  
h-index

610775

24  
g-index

51  
all docs

51  
docs citations

51  
times ranked

828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ammonia vapor induced transformation of selected alkoxysilanes within artificial and natural polymer templates. <i>Journal of Non-Crystalline Solids</i> , 2022, 576, 121288.	1.5	1
2	Unraveling the Phase Behavior of Water Confined in Nanochannels through Positron Annihilation. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5916-5926.	1.5	4
3	Polymer templated production of highly porous cerium oxide in direct temperature driven transformation of cerium(III) salt. <i>Microporous and Mesoporous Materials</i> , 2021, 318, 111032.	2.2	5
4	Positron lifetime spectroscopy of defect structures in Cd <sub>1-x</sub> Zn <sub>x</sub> Te mixed crystals grown by vertical Bridgman-Stockbarger method. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2021, 77, 515-525.	0.5	5
5	Influence of different confining matrices on negative pressure in liquid n-heptane investigated using positronium bubbles as a probe. <i>Journal of Colloid and Interface Science</i> , 2020, 558, 259-268.	5.0	5
6	Polymer-mesoporous silica composites for drug release systems. <i>Microporous and Mesoporous Materials</i> , 2020, 294, 109881.	2.2	22
7	Positron study of adsorption of n-heptane in SBA-3. <i>Adsorption</i> , 2019, 25, 881-887.	1.4	1
8	Mixed-valence mesoporous manganese oxide spheres from waste manganese nitrate aqueous solution. <i>Microporous and Mesoporous Materials</i> , 2019, 284, 353-359.	2.2	5
9	Polymer-hybrid silica composite for the azo dye removal from aqueous solution. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 1396-1404.	1.3	8
10	Polymer-amino-functionalized silica composites for the sustained-release multiparticulate system. <i>Materials Science and Engineering C</i> , 2018, 85, 114-122.	3.8	8
11	Formation of polysilsesquioxane network by vapor-phase method in the spatially limited system of cross-linked polymer pores. <i>Polymer</i> , 2018, 141, 202-212.	1.8	2
12	Nickel catalysts supported on silica microspheres for CO <sub>2</sub> methanation. <i>Microporous and Mesoporous Materials</i> , 2018, 272, 79-91.	2.2	55
13	Vapour-phase method in the synthesis of polymer-ibuprofen sodium-silica gel composites. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 972-980.	1.2	1
14	Positron insight into evolution of pore volume and penetration of the polymer network by n-heptane molecules in mesoporous XAD4. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 10009-10019.	1.3	17
15	TG/DSC/FTIR studies on the oxidative decomposition of polymer-silica composites loaded with sodium ibuprofen. <i>Polymer Degradation and Stability</i> , 2017, 138, 151-160.	2.7	14
16	Positron Probing of Liquid-free Volume To Investigate Adsorption-Desorption Behavior of Water in Two-Dimensional Mesoporous SBA-3. <i>Journal of Physical Chemistry C</i> , 2017, 121, 17251-17262.	1.5	19
17	Effect of condensing tetraethoxysilane on desorption of organic compound from porous polymer. <i>Adsorption Science and Technology</i> , 2017, 35, 490-498.	1.5	0
18	Encapsulation of diclofenac sodium within polymer beads by silica species via vapour-phase synthesis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 142, 30-37.	2.5	13

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19	Synthesis of the mesostructured polymer-silica composite and silicon dioxide through polymer swelling in silica precursor. <i>Adsorption</i> , 2016, 22, 663-671.	1.4	7
20	Positron porosimetry study of mesoporous polymer-silica composites. <i>Adsorption</i> , 2016, 22, 745-754.	1.4	9
21	One-pot synthesis of two different highly porous silica materials. <i>Microporous and Mesoporous Materials</i> , 2016, 221, 14-22.	2.2	14
22	Effect of silica precursor transformation on diclofenac sodium release. <i>RSC Advances</i> , 2015, 5, 94067-94076.	1.7	5
23	N-heptane adsorption and desorption in mesoporous materials. <i>Journal of Physics: Conference Series</i> , 2015, 618, 012040.	0.3	3
24	Polymer-silica composites and silicas produced by high-temperature degradation of organic component. <i>Thermochimica Acta</i> , 2015, 615, 43-50.	1.2	25
25	The release of ibuprofen sodium salt from permanently porous poly(hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td <i>Materials</i> , 2015, 217, 133-140.	2.2	14
26	Thermal characterization of polymer-silica composites loaded with ibuprofen sodium salt. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 114, 91-99.	2.6	12
27	Insight into the structure of polymer-silica nano-composites prepared by vapor-phase. <i>Journal of Colloid and Interface Science</i> , 2015, 441, 65-70.	5.0	17
28	On The Molecular Basis Of Silica Gel Morphology. <i>Advanced Materials Letters</i> , 2015, 6, 40-46.	0.3	4
29	Polymer-silica composite as a carrier of an active pharmaceutical ingredient. <i>Microporous and Mesoporous Materials</i> , 2014, 193, 40-46.	2.2	18
30	Synthesis of Aspirin-loaded Polymer-Silica Composites and their Release Characteristics. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 14369-14376.	4.0	22
31	n-Heptane adsorption in periodic mesoporous silica by in situ positron annihilation lifetime spectroscopy. <i>Microporous and Mesoporous Materials</i> , 2013, 179, 104-110.	2.2	17
32	Nanostructured polymer-titanium composites and titanium oxide through polymer swelling in titania precursor. <i>Colloid and Polymer Science</i> , 2013, 291, 1463-1470.	1.0	13
33	What can positronium tell us about adsorption?. <i>Adsorption</i> , 2013, 19, 529-535.	1.4	8
34	Positron annihilation and N <sub>2</sub> adsorption for nanopore determination in silica-polymer composites. <i>RSC Advances</i> , 2012, 2, 3729.	1.7	33
35	Composition of pore surface investigated by positron annihilation lifetime spectroscopy. <i>Microporous and Mesoporous Materials</i> , 2012, 163, 276-281.	2.2	20
36	n-Heptane adsorption and desorption on porous silica observed by positron annihilation lifetime spectroscopy. <i>Microporous and Mesoporous Materials</i> , 2012, 154, 142-147.	2.2	22

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37	<sup>29</sup> Si NMR and Raman Glimpses into the Molecular Structures of Acid and Base Set Silica Gels Obtained from TEOS and Na-Silicate. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24788-24799.	1.5	45
38	Thinning down of polymer matrix by entrapping silica nanoparticles. <i>Colloid and Polymer Science</i> , 2011, 289, 751-758.	1.0	6
39	Synthesis and characterization of nanostructural polymer-silica composite: Positron annihilation lifetime spectroscopy study. <i>Journal of Colloid and Interface Science</i> , 2011, 358, 268-276.	5.0	43
40	The porosity and morphology of mesoporous silica agglomerates. <i>Journal of Porous Materials</i> , 2010, 17, 669-676.	1.3	8
41	Polymer/silica composite of core-shell type by polymer swelling in TEOS. <i>Journal of Colloid and Interface Science</i> , 2010, 349, 361-365.	5.0	34
42	Free volumes evolution during desorption of n-heptane from silica with regular pore geometry. Positron annihilation study. <i>Applied Surface Science</i> , 2010, 256, 5316-5322.	3.1	13
43	Thermal degradation of CTAB in as-synthesized MCM-41. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 96, 375-382.	2.0	68
44	Organic deposits on MCM-41 surface after thermal treatment of as-synthesized samples. <i>European Physical Journal: Special Topics</i> , 2008, 154, 335-338.	1.2	7
45	Isothermal template removal from MCM-41 in hydrogen flow. <i>Microporous and Mesoporous Materials</i> , 2007, 98, 242-248.	2.2	14
46	Temperature dependence of positronium lifetime in cylindrical pores. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 3814-3818.	0.8	3
47	Sorption on as-synthesized MCM-41. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 165-169.	2.0	9
48	Mesoporous micelle templated silica with incorporated C8 and C18 phase. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 217-222.	2.0	7
49	Thermal stability of chemically bonded phases on silica gel by photoacoustic FT-IR spectroscopy. <i>European Physical Journal Special Topics</i> , 2006, 137, 291-295.	0.2	3
50	Positron Lifetime Annihilation Study of Porous Composites and Silicas Synthesized Using Polymer Templates. <i>Defect and Diffusion Forum</i> , 0, 373, 280-283.	0.4	0
51	Positron Annihilation Lifetime Spectroscopy Application to <i>In Situ</i> Monitoring of n-Heptane Sorption in Mesopores. <i>Defect and Diffusion Forum</i> , 0, 373, 288-294.	0.4	1