

Stanislaw Pikus

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70
papers

775
citations

17
h-index

23
g-index

74
ext. papers

820
ext. citations

4
avg, IF

3.79
L-index

#	Paper	IF	Citations
70	Characterization of Melamine-Formaldehyde Resins by XPS, SAXS, and Sorption Techniques. <i>Langmuir</i> , 2002 , 18, 7538-7543	4	54
69	Interactions of Carrageenan with whey proteins in gels formed at different pH. <i>Food Research International</i> , 1997 , 30, 427-433	7	50
68	Application of the SAXS method and viscometry for determination of the thickness of adsorbed polymer layers at the ZrO ₂ -polymer solution interface. <i>Journal of Colloid and Interface Science</i> , 2003 , 267, 1-8	9.3	42
67	Amorphous and crystal inulin behavior in a water environment. <i>Carbohydrate Polymers</i> , 2011 , 83, 635-639	10.3	36
66	Silver nanoparticles incorporated onto ordered mesoporous silica from Tollen's reagent. <i>Applied Surface Science</i> , 2013 , 266, 337-343	6.7	31
65	Functionalized SBA-15 organosilicas as sorbents of zinc(II) ions. <i>Applied Surface Science</i> , 2010 , 256, 5370-5375	6.7	29
64	Influence of hydrothermal pretreatment on zeolitic diffusivity detected by comparative sorption kinetics and small-angle X-ray scattering investigations. <i>Zeolites</i> , 1982 , 2, 267-270		27
63	Thermal properties of rare earth elements complexes with 1,3,5-benzenetricarboxylic acid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005 , 82, 347-351	4.1	23
62	Synthesis and characterization of metal polycarboxylates constructed from lanthanides(III) and 1,2,4,5-benzenetetracarboxylic acid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006 , 84, 575-579	4.1	21
61	The effect of aging temperature on structure characteristics of ordered mesoporous silicas. <i>Applied Surface Science</i> , 2005 , 252, 625-632	6.7	21
60	Factors affecting inulin crystallization after its complete dissolution. <i>Carbohydrate Polymers</i> , 2014 , 110, 107-12	10.3	19
59	Cage-like ordered mesoporous organosilicas with isocyanurate bridging groups: Synthesis, template removal and structural properties. <i>Microporous and Mesoporous Materials</i> , 2009 , 118, 68-77	5.3	19
58	Comparative studies of 6m siliceous mesostructures by powder X-ray diffraction and nitrogen adsorption. <i>Applied Surface Science</i> , 2007 , 253, 5682-5687	6.7	19
57	Synthesis, structure and adsorption properties of nanoporous SBA-15 materials with framework and surface functionalities. <i>Adsorption</i> , 2009 , 15, 278-286	2.6	18
56	Studies of intrawall porosity in the hexagonally ordered mesostructures of SBA-15 by small angle X-ray scattering and nitrogen adsorption. <i>Applied Surface Science</i> , 2010 , 256, 5311-5315	6.7	18
55	Synthesis of photoactive AgCl/SBA-15 by conversion of silver nanoparticles into stable AgCl nanoparticles. <i>Applied Surface Science</i> , 2013 , 265, 904-911	6.7	17
54	Synthesis and Properties of Ordered Mesoporous Organosilicas with Vinyl and Mercaptopropyl Surface Groups: The Effect of Ligand Concentration on Pore Structure. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 4875-4884	3.8	17

53	Application of small angle X-ray scattering (SAXS) method to the investigation of heterogeneity in porous glasses. <i>Applications of Surface Science</i> , 1983 , 17, 45-52		17
52	Vibrational and scanning electron microscopy study of the mordenite modified by Mn, Co, Ni, Cu, Zn and Cd. <i>Journal of Molecular Structure</i> , 2003 , 649, 279-285	3-4	15
51	Sugarcane bagasse and straw as low-cost lignocellulosic sorbents for the removal of dyes and metal ions from water. <i>Cellulose</i> , 2020 , 27, 8181-8197	5-5	15
50	Small-angle X-ray scattering (SAXS) studies of the structure of mesoporous silicas. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017 , 411, 72-77	1.2	14
49	Nanostructured polymer-titanium composites and titanium oxide through polymer swelling in titania precursor. <i>Colloid and Polymer Science</i> , 2013 , 291, 1463-1470	2-4	13
48	Study of structure properties of organized silica sorbents synthesized on polymeric templates. <i>Adsorption</i> , 2009 , 15, 300-305	2.6	13
47	Cage-like mesoporous organosilicas with isocyanurate bridging groups synthesized by soft templating with poly(ethylene oxide)-poly(butylene oxide)-poly(ethylene oxide) block copolymer. <i>Journal of Colloid and Interface Science</i> , 2009 , 333, 354-62	9-3	12
46	Thermal properties of lanthanide(III) complexes with 2-aminoterephthalic ACID. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008 , 91, 951-956	4-1	12
45	Small angle X-ray scattering study of coated porous materials. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002 , 208, 219-229	5-1	11
44	Investigation of surface heterogeneity in thermally treated controlled porous glasses and systems silica gels/borate crystals by means of the SAXS method. <i>Applied Surface Science</i> , 1985 , 24, 274-282	6-7	11
43	Bimetallic systems of mesoporous ordered silica supports and noble metals nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2016 , 227, 228-241	5-3	10
42	Electropolymerized nanoporous polymeric SPME coatings: preparation and characterization by small angle X-ray scattering and scanning electron microscopy. <i>Monatshefte für Chemie</i> , 2014 , 145, 527-534	1-4	10
41	Sorptive and thermal properties of red clay in relation to Cr(VI). <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 101, 775-778	4-1	10
40	Changes in dispersion of platinum deposited on LaY and CeY during heating at high temperatures in oxygen, hydrogen, carbon dioxide, and water vapour. <i>Journal of Catalysis</i> , 1992 , 136, 334-341	7-3	10
39	The study of palladium ions incorporation into the mesoporous ordered silicates. <i>Applied Surface Science</i> , 2012 , 261, 616-622	6-7	9
38	Tetrad effect in the adsorption of the lanthanides on zeolite Y. <i>Journal of Colloid and Interface Science</i> , 2007 , 313, 97-107	9-3	9
37	Effect of addition of pore expanding agent on changes of structure characteristics of ordered mesoporous silicas. <i>Applied Surface Science</i> , 2008 , 255, 2851-2858	6-7	9
36	Crystal structures of the compounds Sm ₂ AlGe ₃ and Tb ₂ AlGe ₃ . <i>Journal of Alloys and Compounds</i> , 2005 , 397, 74-78	5-7	9

35	Examination of the structure and energetic properties of carbosils surface prepared by dichloromethane pyrolysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002 , 208, 93-102	5.1	9
34	SAXS study of polymer adsorption on porous ZrO ₂ . <i>Surface and Interface Analysis</i> , 2003 , 35, 340-346	1.5	9
33	Application of positron annihilation lifetime spectroscopy in studies of crystallization processes. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 3289-3293	3.6	9
32	Ion Capacity of Siliceous Sorbents with Surface Polymer Layers Composed of Different Dextran-triethylenetetraamine Mixtures (Ion Capacity of Sorbents with Surface Polymer Layers). <i>Adsorption Science and Technology</i> , 1998 , 16, 263-271	3.6	8
31	Thermal properties of lanthanide(III) complexes with 5-amino-1,3-benzenedicarboxylic acid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 88, 871-876	4.1	7
30	Structural investigations of a series of petrified woods of different origin. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001 , 56, 339-350	3.1	7
29	Swelling process investigation of polymer layer deposited on siliceous materials using SAXS method. <i>Materials Chemistry and Physics</i> , 2001 , 70, 181-186	4.4	7
28	Siliceous sorbents with immobilized carbowax 20M as column packings for liquid chromatography. <i>Journal of Chromatography A</i> , 1993 , 641, 205-210	4.5	6
27	Properties of the material surfaces obtained by pyrolysis of alkanols on boron-enriched controlled porous glasses. <i>Journal of Analytical and Applied Pyrolysis</i> , 1986 , 10, 59-69	6	6
26	The influence of long additional thermal treatment of controlled porous glasses on the structuralization of their silica network. <i>Journal of Thermal Analysis</i> , 1987 , 32, 409-415		6
25	Synthesis and properties of lanthanide(III) complexes with 4-hydroxy-3,5-dimethoxybenzoic acid. <i>Chemical Papers</i> , 2007 , 61,	1.9	4
24	New powder diffraction data of some derivatives of N-alkyl (aryl)-2,4-dichlorophenoxyacetamide. New potential pesticides. <i>Powder Diffraction</i> , 2008 , 23, 338-349	1.8	3
23	Synthesis and Characterization of New Bimetallic Pt,Ag/SBA-15 Materials. <i>Solid State Phenomena</i> , 2013 , 203-204, 81-85	0.4	2
22	Small-angle scattering characterization of n-aliphatic alcohol films adsorbed on hydroxylated porous silicas. <i>Journal of Applied Crystallography</i> , 2003 , 36, 744-748	3.8	2
21	High quality powder diffraction data for A-type zeolite with selected divalent d-electron metals. <i>Powder Diffraction</i> , 2004 , 19, 172-180	1.8	2
20	X-ray powder diffraction analysis and initial Rietveld characterization of SmAlSi and SmAlGe. <i>Powder Diffraction</i> , 2004 , 19, 359-361	1.8	2
19	Porosity of chemically modified silica gels by nitrogen adsorption, positron annihilation and small angle X-ray scattering. <i>Studies in Surface Science and Catalysis</i> , 2002 , 144, 655-662	1.8	2
18	Influence of oxidation process on CuO/NaY with different Cu dispersion. <i>Zeolites</i> , 1991 , 11, 449-453		2

17	Crystallization Process in Porous and Nonporous Vycor Glass. <i>Acta Physica Polonica A</i> , 2005 , 107, 724-728.	0.6	2
16	Preparation and Structural Properties of Bimetallic Noble Metals Nanoparticles in SBA-15 Systems. <i>Adsorption Science and Technology</i> , 2015 , 33, 723-729	3.6	1
15	New powder diffraction data of some derivatives of N-(hydroxyalkyl)-4-chlorophenoxyacetamide potential pesticides. <i>Powder Diffraction</i> , 2009 , 24, 327-336	1.8	1
14	Studies of surface properties of pure and modified by Mn ²⁺ and Ni ²⁺ ions of aluminium oxide samples using complex methods. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008 , 94, 655-662	4.1	1
13	Powder diffraction data for the new aliphatic-aromatic thiodiols. <i>Powder Diffraction</i> , 2003 , 18, 240-243	1.8	1
12	Small-angle X-ray scattering investigations of n-aliphatic alcohol film deposited on porous ZrO ₂ . <i>Journal of Applied Crystallography</i> , 2003 , 36, 749-752	3.8	1
11	Crystal Structures of the Compounds Sm ₂ AlGe ₃ and Tb ₂ AlGe ₃ . <i>ChemInform</i> , 2005 , 36, no		1
10	Segmented and nonsegmented polyurethanes: Polyaddition products of 4,4'-bis(2-hydroxyethoxy)diphenyl ether and 1,6-hexanediisocyanate. <i>Journal of Applied Polymer Science</i> , 1999 , 71, 83-91	2.9	1
9	Microstructure Characterization of Noble Metal-Silica Nanocomposites. <i>Acta Physica Polonica A</i> , 2016 , 130, 972-974	0.6	1
8	New powder diffraction data of some N-derivatives of 4-chloro-3,5-dimethylphenoxyacetamide-potential pesticides. <i>Powder Diffraction</i> , 2011 , 26, 337-345	1.8	
7	New, Experimental Powder Diffraction Data for Metastable Fe ₃ B Phase Prepared According to ICDD Standards. <i>Solid State Phenomena</i> , 2010 , 163, 173-176	0.4	
6	Mesoporous Ordered Organosilicas Containing Zr and Ti Species. <i>Solid State Phenomena</i> , 2010 , 163, 55-58.	4	
5	Small-angle x-ray scattering investigations of extrudates 1997 , 3095, 167		
4	Structural Refinement and Homogeneity Range of Sm ₆ Al ₃ Si. <i>Solid State Phenomena</i> , 2007 , 130, 101-106.	0.4	
3	Powder diffraction investigations of some derivatives of benzophenone: Monomers for synthesis of new polyurethanes. <i>Powder Diffraction</i> , 2007 , 22, 259-267	1.8	
2	Tailoring interfacial properties of periodic mesoporous organosilicas by incorporation of spacious heterocyclic and thiol groups and its implication for structural changes 2005 , 5929, 176		
1	Methods of investigation transformation kinetics of yttrium carbonate hydroxide in citric acid solution into yttrium citrate dihydrate. <i>MethodsX</i> , 2020 , 7, 101153	1.9	