

Stanislaw Pikus

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3434752/publications.pdf>

Version: 2024-02-01

73
papers

875
citations

430442

18
h-index

552369

26
g-index

74
all docs

74
docs citations

74
times ranked

1143
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Characterization of Melamine~Formaldehyde Resins by XPS, SAXS, and Sorption Techniques. <i>Langmuir</i> , 2002, 18, 7538-7543. | 1.6 | 64 |
| 2 | Interactions of λ -carrageenan with whey proteins in gels formed at different pH. <i>Food Research International</i> , 1997, 30, 427-433. | 2.9 | 54 |
| 3 | 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. | 5.0 | 50 |
| 4 | Amorphous and crystal inulin behavior in a water environment. <i>Carbohydrate Polymers</i> , 2011, 83, 635-639. | 5.1 | 41 |
| 5 | Silver nanoparticles incorporated onto ordered mesoporous silica from Tollen's reagent. <i>Applied Surface Science</i> , 2013, 266, 337-343. | 3.1 | 37 |
| 6 | 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. | 2.4 | 35 |
| 7 | Functionalized SBA-15 organosilicas as sorbents of zinc(II) ions. <i>Applied Surface Science</i> , 2010, 256, 5370-5375. | 3.1 | 31 |
| 8 | 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. | 0.9 | 29 |
| 9 | 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. | 2.0 | 28 |
| 10 | The effect of aging temperature on structure characteristics of ordered mesoporous silicas. <i>Applied Surface Science</i> , 2005, 252, 625-632. | 3.1 | 22 |
| 11 | Factors affecting inulin crystallization after its complete dissolution. <i>Carbohydrate Polymers</i> , 2014, 110, 107-112. | 5.1 | 22 |
| 12 | 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. | 0.6 | 22 |
| 13 | 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. | 2.0 | 21 |
| 14 | Comparative studies of p6m siliceous mesostructures by powder X-ray diffraction and nitrogen adsorption. <i>Applied Surface Science</i> , 2007, 253, 5682-5687. | 3.1 | 20 |
| 15 | Synthesis, structure and adsorption properties of nanoporous SBA-15 materials with framework and surface functionalities. <i>Adsorption</i> , 2009, 15, 278-286. | 1.4 | 19 |
| 16 | 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. | 2.2 | 19 |
| 17 | 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. | 3.1 | 19 |
| 18 | Synthesis of photoactive AgCl/SBA-15 by conversion of silver nanoparticles into stable AgCl nanoparticles. <i>Applied Surface Science</i> , 2013, 265, 904-911. | 3.1 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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. | 1.0 | 17 |
| 20 | 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. | 1.8 | 17 |
| 21 | 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. | 1.5 | 17 |
| 22 | Thermal properties of lanthanide(III) complexes with 2-aminoterephthalic ACID. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 91, 951-956. | 2.0 | 13 |
| 23 | Study of structure properties of organized silica sorbents synthesized on polymeric templates. <i>Adsorption</i> , 2009, 15, 300-305. | 1.4 | 13 |
| 24 | 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 |
| 25 | 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, 354-362. | 5.0 | 12 |
| 26 | The study of palladium ions incorporation into the mesoporous ordered silicates. <i>Applied Surface Science</i> , 2012, 261, 616-622. | 3.1 | 12 |
| 27 | 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. | 3.1 | 11 |
| 28 | Small angle X-ray scattering study of coated porous materials. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 208, 219-229. | 2.3 | 11 |
| 29 | Application of positron annihilation lifetime spectroscopy in studies of crystallization processes. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 3289-3293. | 1.3 | 11 |
| 30 | Sorptive and thermal properties of red clay in relation to Cr(VI). <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 101, 775-778. | 2.0 | 11 |
| 31 | 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, 527-531. | 0.9 | 11 |
| 32 | Bimetallic systems of mesoporous ordered silica supports and noble metals nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2016, 227, 228-241. | 2.2 | 11 |
| 33 | 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. | 3.1 | 10 |
| 34 | SAXS study of polymer adsorption on porous ZrO ₂ . <i>Surface and Interface Analysis</i> , 2003, 35, 340-346. | 0.8 | 10 |
| 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. | 2.3 | 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. | 2.8 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Tetrad effect in the adsorption of the lanthanides on zeolite Y. <i>Journal of Colloid and Interface Science</i> , 2007, 313, 97-107. | 5.0 | 9 |
| 38 | 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. | 3.1 | 9 |
| 39 | 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. | 1.5 | 8 |
| 40 | 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. | 2.0 | 8 |
| 41 | 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. | 0.7 | 7 |
| 42 | Structural investigations of a series of petrified woods of different origin. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001, 56, 339-350. | 1.5 | 7 |
| 43 | Swelling process investigation of polymer layer deposited on siliceous materials using SAXS method. <i>Materials Chemistry and Physics</i> , 2001, 70, 181-186. | 2.0 | 7 |
| 44 | Small-angle scattering characterization of n-aliphatic alcohol films adsorbed on hydroxylated porous silicas. <i>Journal of Applied Crystallography</i> , 2003, 36, 744-748. | 1.9 | 7 |
| 45 | 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. | 2.6 | 6 |
| 46 | Siliceous sorbents with immobilized carbowax 20M as column packings for liquid chromatography. <i>Journal of Chromatography A</i> , 1993, 641, 205-210. | 1.8 | 6 |
| 47 | Synthesis and properties of lanthanide(III) complexes with 4-hydroxy-3,5-dimethoxybenzoic acid. <i>Chemical Papers</i> , 2007, 61, . | 1.0 | 6 |
| 48 | X-ray powder diffraction analysis and initial Rietveld characterization of SmAlSi and SmAlGe. <i>Powder Diffraction</i> , 2004, 19, 359-361. | 0.4 | 3 |
| 49 | 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. | 0.4 | 3 |
| 50 | Influence of oxidation process on CuO/NaY with different Cu dispersion. <i>Zeolites</i> , 1991, 11, 449-453. | 0.9 | 2 |
| 51 | 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. | 1.5 | 2 |
| 52 | High quality powder diffraction data for A-type zeolite with selected divalent d-electron metals. <i>Powder Diffraction</i> , 2004, 19, 172-180. | 0.4 | 2 |
| 53 | Synthesis and Characterization of New Bimetallic Pt,Ag/SBA-15 Materials. <i>Solid State Phenomena</i> , 2013, 203-204, 81-85. | 0.3 | 2 |
| 54 | Crystallization Process in Porous and Nonporous Vycor Glass. <i>Acta Physica Polonica A</i> , 2005, 107, 724-728. | 0.2 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Segmented and nonsegmented polyurethanes: Polyaddition products of 4,4'-bis(2-hydroxyethoxy)diphenyl ether and 1,6-hexanediisocyanate. Journal of Applied Polymer Science, 1999, 71, 83-91. | 1.3 | 1 |
| 56 | <title>SAXS investigations of porous glasses with polymer layer</title>. , 2000, , . | | 1 |
| 57 | Small-angle X-ray scattering investigations of n-aliphatic alcohol film deposited on porous ZrO ₂ . Journal of Applied Crystallography, 2003, 36, 749-752. | 1.9 | 1 |
| 58 | Powder diffraction data for the new aliphatic-aromatic thiodiols. Powder Diffraction, 2003, 18, 240-243. | 0.4 | 1 |
| 59 | Crystal Structures of the Compounds Sm ₂ AlGe ₃ and Tb ₂ AlGe ₃ .. ChemInform, 2005, 36, no. | 0.1 | 1 |
| 60 | Studies of surface properties of pure and modified by Mn ²⁺ and Ni ²⁺ ions of aluminium oxide samples using complex methods. Journal of Thermal Analysis and Calorimetry, 2008, 94, 655-662. | 2.0 | 1 |
| 61 | New powder diffraction data of some derivatives of N-(hydroxyalkyl)-4-chlorophenoxyacetamide"Potential pesticides. Powder Diffraction, 2009, 24, 327-336. | 0.4 | 1 |
| 62 | Preparation and Structural Properties of Bimetallic Noble Metals Nanoparticles in SBA-15 Systems. Adsorption Science and Technology, 2015, 33, 723-729. | 1.5 | 1 |
| 63 | SAXS INVESTIGATIONS OF SWELLING PROCESS OF POLYMER LAYER DEPOSITED ON POROUS MATERIALS. , 2001, , . | | 1 |
| 64 | Microstructure Characterization of Noble Metal-Silica Nanocomposites. Acta Physica Polonica A, 2016, 130, 972-974. | 0.2 | 1 |
| 65 | <title>Small-angle x-ray scattering investigations of extrudates</title>. , 1997, 3095, 167. | | 0 |
| 66 | Tailoring interfacial properties of periodic mesoporous organosilicas by incorporation of spacious heterocyclic and thiol groups and its implication for structural changes. , 2005, 5929, 176. | | 0 |
| 67 | Structural Refinement and Homogeneity Range of Sm₆/sub>Al₃/sub>Si. Solid State Phenomena, 2007, 130, 101-106. | 0.3 | 0 |
| 68 | Powder diffraction investigations of some derivatives of benzophenone: Monomers for synthesis of new polyurethanes. Powder Diffraction, 2007, 22, 259-267. | 0.4 | 0 |
| 69 | New, Experimental Powder Diffraction Data for Metastable Fe₃B Phase Prepared According to ICDD Standards. Solid State Phenomena, 2010, 163, 173-176. | 0.3 | 0 |
| 70 | Mesoporous Ordered Organosilicas Containing Zr and Ti Species. Solid State Phenomena, 2010, 163, 55-58. | 0.3 | 0 |
| 71 | New powder diffraction data of some N-derivatives of 4-chloro-3,5-dimethylphenoxyacetamide-potential pesticides. Powder Diffraction, 2011, 26, 337-345. | 0.4 | 0 |
| 72 | SAS CHARACTERIZATION OF ORGANIC FILM DEPOSITED ON POROUS SILICAS. , 2004, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Methods of investigation transformation kinetics of yttrium carbonate hydroxide in citric acid solution into yttrium citrate dihydrate. MethodsX, 2020, 7, 101153. | 0.7 | 0 |