

# Piotr Kirszensztein

## List of Publications by Year in descending order

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28  
papers

399  
citations

687363

13  
h-index

752698

20  
g-index

28  
all docs

28  
docs citations

28  
times ranked

336  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer-supported membranes. A new approach for modifying polymer surfaces. <i>Macromolecules</i> , 1983, 16, 335-338.	4.8	55
2	Oxidative dehydrogenation of isobutane using modified activated carbons as catalysts. <i>Applied Catalysis A: General</i> , 2009, 362, 67-74.	4.3	46
3	Poly(ethylene glycol)-graft copolymers as synthetic equivalents of benzyltriethylammonium chloride for triphase catalytic alkylation. <i>Journal of Organic Chemistry</i> , 1983, 48, 385-386.	3.2	34
4	Preparation of MgO-Al <sub>2</sub> O <sub>3</sub> binary gel system with mesoporous structure. <i>Microporous and Mesoporous Materials</i> , 2006, 89, 150-157.	4.4	27
5	Kinetic features of an intraserial reaction. <i>Journal of the American Chemical Society</i> , 1983, 105, 1567-1571.	13.7	23
6	An ISS and AES examination of the interaction of oxygen with platinum-tin alloy. <i>Surface Science</i> , 1985, 161, L583-L590.	1.9	22
7	Texture of Al <sub>2</sub> O <sub>3</sub> -SnO <sub>2</sub> binary oxides system obtained via sol-gel chemistry. <i>Applied Catalysis A: General</i> , 2003, 245, 159-166.	4.3	22
8	Pyrolytic and catalytic conversion of rape oil into aromatic and aliphatic fractions in a fixed bed reactor on Al <sub>2</sub> O <sub>3</sub> and Al <sub>2</sub> O <sub>3</sub> /B <sub>2</sub> O <sub>3</sub> catalysts. <i>Chemical Papers</i> , 2009, 63, .	2.2	21
9	Synthesis of SiO <sub>2</sub> -SnO <sub>2</sub> gels in water free conditions. <i>Journal of Porous Materials</i> , 2011, 18, 241-249.	2.6	21
10	Influence of the method of synthesis on hydrogen adsorption properties of mesoporous binary B <sub>2</sub> O <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> gel systems. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 8358-8364.	7.1	16
11	Synthesis and characterization of SiO <sub>2</sub> -La <sub>2</sub> O <sub>3</sub> gels obtained in a water-free environment. <i>Journal of Materials Science</i> , 2014, 49, 4416-4422.	3.7	15
12	An AES (SAM), ESCA and ISS study of the oxidation of Pt <sub>3</sub> /Sn. 1: low pressure exposure to O <sub>2</sub> . <i>Surface and Interface Analysis</i> , 1986, 9, 169-173.	1.8	14
13	Al <sub>2</sub> O <sub>3</sub> -SnO <sub>2</sub> systems as a support for metallic catalysts. III. Acid-base properties of modified aluminas. <i>Catalysis Letters</i> , 1993, 18, 391-399.	2.6	13
14	Porous xerogel systems B <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> obtained by the sol-gel method. <i>Journal of Non-Crystalline Solids</i> , 2014, 402, 128-134.	3.1	10
15	Porosity of aluminium oxide-based binary systems obtained by sol-gel method. <i>Reaction Kinetics and Catalysis Letters</i> , 2004, 82, 287-293.	0.6	9
16	Modified activated carbons for esterification of acetic acid with ethanol. <i>Diamond and Related Materials</i> , 2020, 101, 107608.	3.9	9
17	Investigation of interaction between the Pt(II) ions and aminosilane-modified silica surface in heterogeneous system. <i>Applied Surface Science</i> , 2016, 371, 494-503.	6.1	8
18	Electrochemisorption of Hexahydroxyplatinate(IV) On Tin Oxide Films: Electrochemical and UHV Spectroscopic Studies of the Product. <i>Journal of the Electrochemical Society</i> , 1986, 133, 1568-1574.	2.9	7

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19	Peculiar pore structure of the coke coating formed on platinum-tin/ $\gamma$ -alumina catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 1991, 30, 2276-2279.	3.7	5
20	Highly dispersed Pt on $B_2O_3/Al_2O_3$ support: catalytic properties in the total oxidation of 1-butene. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 118, 325-335.	1.7	5
21	Formation and characterization of a $SnO_2-Al_2O_3$ system derived from a sol-gel process based on different tin precursors. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 1671-1676.	3.1	4
22	Dispersity of $Al_2O_3-SnO_2$ supported platinum from hydrogen pulse chemisorption. <i>Reaction Kinetics and Catalysis Letters</i> , 1994, 52, 467-474.	0.6	3
23	Physicochemical and surface properties of alumina modified with rare earth oxides, III. Dispersion of supported platinum. <i>Reaction Kinetics and Catalysis Letters</i> , 2004, 81, 189-195.	0.6	3
24	Application of $SiO_2-La_2O_3$ amorphous mesoporous nanocomposites obtained by modified sol-gel method in high temperature catalytic reactions. <i>Journal of Alloys and Compounds</i> , 2020, 840, 155635.	5.5	3
25	Synthesis and characterization of $SiO_2-MgO$ binary oxide system obtained by sol-gel method in anhydrous conditions. <i>Journal of Non-Crystalline Solids</i> , 2018, 482, 78-85.	3.1	2
26	Generation of "unstable" complexes of carbon dioxide with $Pb^{2+}$ and $Sn^{2+}$ under electron ionization conditions. <i>International Journal of Mass Spectrometry</i> , 2010, 291, 96-99.	1.5	1
27	Catalytic Cracking of Rapeseed Oil with Binary Oxide Systems: An Alternative to Production of Petrochemicals. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2020, 97, 543-550.	1.9	1
28	A new way of assessing the interaction of a metallic phase precursor with a modified oxide support substrate as a source of information for predicting metal dispersion. <i>Arabian Journal of Chemistry</i> , 2020, 13, 2620-2627.	4.9	0