

Piotr Kirszensztein

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	Modified activated carbons for esterification of acetic acid with ethanol. <i>Diamond and Related Materials</i> , 2020, 101, 107608.	3.9	9
3	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
4	Application of SiO ₂ -La ₂ O 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
5	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
6	Highly dispersed Pt on B ₂ O ₃ /Al ₂ O 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
7	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
8	Synthesis and characterization of SiO ₂ -La ₂ O ₃ gels obtained in a water-free environment. <i>Journal of Materials Science</i> , 2014, 49, 4416-4422.	3.7	15
9	Porous xerogel systems B ₂ O ₃ -Al ₂ O ₃ obtained by the sol-gel method. <i>Journal of Non-Crystalline Solids</i> , 2014, 402, 128-134.	3.1	10
10	Formation and characterization of a SnO ₂ -Al ₂ O 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
11	Synthesis of SiO ₂ -SnO ₂ gels in water free conditions. <i>Journal of Porous Materials</i> , 2011, 18, 241-249.	2.6	21
12	Influence of the method of synthesis on hydrogen adsorption properties of mesoporous binary B ₂ O ₃ /Al ₂ O ₃ gel systems. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 8358-8364.	7.1	16
13	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
14	Oxidative dehydrogenation of isobutane using modified activated carbons as catalysts. <i>Applied Catalysis A: General</i> , 2009, 362, 67-74.	4.3	46
15	Pyrolytic and catalytic conversion of rape oil into aromatic and aliphatic fractions in a fixed bed reactor on Al ₂ O ₃ and Al ₂ O ₃ /B ₂ O ₃ catalysts. <i>Chemical Papers</i> , 2009, 63, .	2.2	21
16	Preparation of MgO-Al ₂ O ₃ binary gel system with mesoporous structure. <i>Microporous and Mesoporous Materials</i> , 2006, 89, 150-157.	4.4	27
17	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
18	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

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19	Texture of Al ₂ O ₃ -SnO ₂ binary oxides system obtained via sol-gel chemistry. Applied Catalysis A: General, 2003, 245, 159-166.	4.3	22
20	Dispersity of Al ₂ O ₃ -SnO ₂ supported platinum from hydrogen pulse chemisorption. Reaction Kinetics and Catalysis Letters, 1994, 52, 467-474.	0.6	3
21	Al ₂ O ₃ -SnO ₂ systems as a support for metallic catalysts. III. Acid-base properties of modified aluminas. Catalysis Letters, 1993, 18, 391-399.	2.6	13
22	Peculiar pore structure of the coke coating formed on platinum-tin/gamma-alumina catalysts. Industrial & Engineering Chemistry Research, 1991, 30, 2276-2279.	3.7	5
23	An AES (SAM), ESCA and ISS study of the oxidation of Pt ₃ /Sn. 1: low pressure exposure to o ₂ . Surface and Interface Analysis, 1986, 9, 169-173.	1.8	14
24	Electrochemisorption of Hexahydroxyplatinate(IV) On Tin Oxide Films: Electrochemical and UHV Spectroscopic Studies of the Product. Journal of the Electrochemical Society, 1986, 133, 1568-1574.	2.9	7
25	An ISS and AES examination of the interaction of oxygen with platinum-tin alloy. Surface Science, 1985, 161, L583-L590.	1.9	22
26	Polymer-supported membranes. A new approach for modifying polymer surfaces. Macromolecules, 1983, 16, 335-338.	4.8	55
27	Poly(ethylene glycol)-graft copolymers as synthetic equivalents of benzyltriethylammonium chloride for triphase catalytic alkylation. Journal of Organic Chemistry, 1983, 48, 385-386.	3.2	34
28	Kinetic features of an intraresin reaction. Journal of the American Chemical Society, 1983, 105, 1567-1571.	13.7	23