Alexander S Lisitsyn

List of Publications by Year
in descending order

38 papers	1,313 citations	430874 18 h-index	345221 36 g-index
39 all docs	39 docs citations	39 times ranked	1804 citing authors

#	Article	IF	Citations
1	Characterization and Hydroisomerization Performance of Mgâ€Promoted, Pt/ZSMâ€23â€Based Catalysts. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	1
2	Strong response of Pt clusters to the environment and conditions, formation of metastable states, and simple methods to trace the reversible changes. Physical Chemistry Chemical Physics, 2021, 23, 22718-22732.	2.8	1
3	Co/multi-walled carbon nanotubes as highly efficient catalytic nanoreactor for hydrogen production from formic acid. International Journal of Hydrogen Energy, 2020, 45, 19420-19430.	7.1	21
4	Beneficial role of the nitrogen-doped carbon nanotubes in the synthesis of the active palladium supported catalyst. Diamond and Related Materials, 2019, 98, 107484.	3.9	11
5	Nitrogen Doped Carbon Nanotubes and Nanofibers for Green Hydrogen Production: Similarities in the Nature of Nitrogen Species, Metalâ€“Nitrogen Interaction, and Catalytic Properties. Energies, 2019, 12, 3976.	3.1	19
6	On the origin of high-temperature phenomena in Pt/Al₂O₃. Physical Chemistry Chemical Physics, 2018, 20, 2339-2350.	2.8	10
7	Influence of the nitrogen-doped carbon nanofibers on the catalytic properties of supported metal and oxide nanoparticles. Catalysis Today, 2018, 301, 125-133.	4.4	21
8	Highly Stable Singleâ€Atom Catalyst with Ionic Pd Active Sites Supported on Nâ€Doped Carbon Nanotubes for Formic Acid Decomposition. ChemSusChem, 2018, 11, 3724-3727.	6.8	99
9	Nature of active palladium sites on nitrogen doped carbon nanofibers in selective hydrogenation of acetylene. Diamond and Related Materials, 2018, 89, 67-73.	3.9	20
10	Factors Influencing the Performance of Pd/C Catalysts in the Green Production of Hydrogen from Formic Acid. ChemSusChem, 2017, 10, 720-730.	6.8	76
11	Single Atoms of Pt-Group Metals Stabilized by N-Doped Carbon Nanofibers for Efficient Hydrogen Production from Formic Acid. ACS Catalysis, 2016, 6, 3442-3451.	11.2	270
12	Probing the H₂-Induced Restructuring of Pt Nanoclusters by H₂-TPD. Langmuir, 2016, 32, 12013-12021.	3.5	19
13	Improving the performance of Pt-H3PMo12O40 catalysts in the selective dehydrogenation of propane with O2 and H2. Catalysis Today, 2015, 245, 179-185.	4.4	7
14	Selective dehydrogenation of propane to propene with O2â€“H2 on bifunctional Pt-H3PMo12O40 catalysts. Applied Catalysis A: General, 2014, 477, 1-7.	4.3	10
15	Synthesis of Pt/C Catalysts through Reductive Deposition: Ways of Tuning Catalytic Properties. ChemCatChem, 2013, 5, 2015-2024.	3.7	14
16	Preparation of platinum-on-carbon catalysts via hydrolytic deposition: Factors influencing the deposition and catalytic properties. Applied Catalysis A: General, 2012, 449, 203-214.	4.3	19
17	High activity in CO oxidation of Ag nanoparticles supported on fumed silica. Catalysis Communications, 2012, 22, 43-47.	3.3	44
18	Carbon-supported iridium catalyst for reduction of chlorate ions with hydrogen in concentrated solutions of sodium chloride. Applied Catalysis A: General, 2012, 427-428, 8-15.	4.3	26

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19	A method to obtain a high loading of nano-sized Pt particles on carbon supports with a low surface area. Carbon, 2008, 46, 549-552.	10.3	2
20	2,2â€²-Bipyridine and related N-chelants as very effective promoters for Cu catalysts in the decarboxylation. Applied Catalysis A: General, 2007, 332, 166-170.	4.3	9
21	Liquid-phase oxidation of Î±-pinene with oxygen catalyzed by carbon-supported platinum metals. Kinetics and Catalysis, 2007, 48, 38-44.	1.0	10
22	Development of active catalysts for low Pt loading cathodes of PEMFC by surface tailoring of nanocarbon materials. Catalysis Today, 2005, 102-103, 58-66.	4.4	83
23	Palladium catalysts on activated carbon supports. Carbon, 2000, 38, 1241-1255.	10.3	211
24	Properties of Pt/C and Pd/C catalysts prepared by reduction with hydrogen of adsorbed metal chlorides. Applied Catalysis A: General, 2000, 204, 229-240.	4.3	91
25	Structure sensitivity of Fe(II) oxidation on palladium and platinum catalysts. Reaction Kinetics and Catalysis Letters, 1994, 52, 385-392.	0.6	2
26	Oxidation of Fe(II) in a strongly acidic medium. Platinum catalysts may become important in processing of inorganic ions?. Reaction Kinetics and Catalysis Letters, 1993, 49, 119-126.	0.6	2
27	Influence of carbon support pretreatment on properties of Pd/C catalysts. Reaction Kinetics and Catalysis Letters, 1990, 41, 211-216.	0.6	12
28	Carbon monoxide hydrogenation on supported Rh-Mn catalysts. Journal of Molecular Catalysis, 1990, 63, 201-211.	1.2	26
29	Adsorption of carbon monoxide on manganese-promoted rhodium/silica catalysts as studied by infrared spectroscopy. The Journal of Physical Chemistry, 1990, 94, 1576-1581.	2.9	45
30	Carâ˜ylic acid transvinylation as catalysed by complexes of palladium acetate with phenanthroline-like ligands. Applied Catalysis, 1990, 66, 123-131.	0.8	11
31	Activation of palladium acetate by water in the catalytic vinylation of carboxylic acids with vinyl acetate. Reaction Kinetics and Catalysis Letters, 1989, 39, 405-409.	0.6	2
32	Preparation of palladium catalysts via thermal decomposition of supported Pd(O) complexes. Reaction Kinetics and Catalysis Letters, 1989, 38, 109-114.	0.6	4
33	Pt catalyst for the liquid-phase epoxidation of cyclohexene with an O2/H2 mixture. Reaction Kinetics and Catalysis Letters, 1989, 38, 205-208.	0.6	4
34	Thermal decomposition of metal carbonyls on oxide supports containing surface hydrides: A route to highly dispersed metal catalysts with unusual properties. Applied Catalysis, 1989, 55, 235-258.	0.8	25
35	Properties of catalysts prepared by pyrolysis of Co2(CO)8 on silica containing surface Ti ions. Journal of Catalysis, 1985, 95, 527-538.	6.2	44
36	CO hydrogenation on cobalt catalysts. Effect of the conditions of Co2 (CO)8 pyrolysis on the surface of TiO2 on the catalytic and magnetic properties of the catalysts. Reaction Kinetics and Catalysis Letters, 1982, 19, 187-191.	0.6	13

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37	Hydrogenation of carbon monoxide catalysts prepared by pyrolysis of Co2(CO)8 on various oxide supports. Reaction Kinetics and Catalysis Letters, 1980, 14, 445-450.	0.6	28
38	Synthesis of Highly Dispersed Pt Catalysts on MWCNTs via Hydrolytic Deposition without Preliminary Modification of the Support. Advanced Materials Research, 0, 1040, 399-404.	0.3	1