

Andrzej Adamski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3260612/publications.pdf>

Version: 2024-02-01

31
papers

1,118
citations

567247

15
h-index

477281

29
g-index

32
all docs

32
docs citations

32
times ranked

1910
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese-Iron Mixed Oxides of Spinel Structure as Soot Combustion Catalysts. , 2022, 01, .		0
2	Soot Combustion over Niobium-Doped Cryptomelane (K-OMS-2) Nanorodsâ€”Redox State of Manganese and the Lattice Strain Control the Catalysts Performance. Catalysts, 2020, 10, 1390.	3.5	11
3	Key Parameters of Fly Ashes Generated from the Industrial Energy Sector Decisive for Their Pro-ecological Applications. Energy & Fuels, 2020, 34, 6229-6238.	5.1	5
4	Role of CeO ₂ -ZrO ₂ Support for Structural, Textural and Functional Properties of Ni-based Catalysts Active in Dry Reforming of Methane. E3S Web of Conferences, 2019, 108, 02018.	0.5	3
5	Elucidation of Unexpectedly Weak Catalytic Effect of Doping with Cobalt of the Cryptomelane and Birnessite Systems Active in Soot Combustion. Topics in Catalysis, 2019, 62, 599-610.	2.8	12
6	Carbon Nanotube-Supported Cu ₃ P as High-Efficiency and Low-Cost Cocatalysts for Exceptional Semiconductor-Free Photocatalytic H ₂ Evolution. ACS Sustainable Chemistry and Engineering, 2019, 7, 3243-3250.	6.7	96
7	Low-Cost Ni ₃ B/Ni(OH) ₂ as an Ecofriendly Hybrid Cocatalyst for Remarkably Boosting Photocatalytic H ₂ Production over g-C ₃ N ₄ Nanosheets. ACS Sustainable Chemistry and Engineering, 2018, 6, 13140-13150.	6.7	131
8	The crystal structure of compositionally homogeneous mixed ceria-zirconia oxides by high resolution X-ray and neutron diffraction methods. Open Chemistry, 2017, 15, 438-445.	1.9	7
9	Methane dry reforming over Ni catalysts supported on Ceâ€”Zr oxides prepared by a route involving supercritical fluids. Open Chemistry, 2017, 15, 412-425.	1.9	13
10	Ni-loaded nanocrystalline ceria-zirconia solid solutions prepared via modified Pechini route as stable to coking catalysts of CH ₄ dry reforming. Open Chemistry, 2016, 14, 363-376.	1.9	23
11	Catalytic decomposition and reduction of N ₂ O over micro-mesoporous materials containing Beta zeolite nanoparticles. Applied Catalysis B: Environmental, 2014, 146, 112-122.	20.2	50
12	Copper ionic pairs as possible active sites in N ₂ O decomposition on CuOx/CeO ₂ catalysts. Catalysis Today, 2012, 191, 129-133.	4.4	30
13	Acid-activated vermiculites as catalysts of the DeNO _x process. Catalysis Today, 2012, 191, 25-31.	4.4	50
14	On the location of iron and aluminium atoms in thermally activated AlMCM-58 and FeMCM-58 zeolites. Microporous and Mesoporous Materials, 2012, 151, 339-345.	4.4	4
15	Periodic DFT and Atomistic Thermodynamic Modeling of the Surface Hydration Equilibria and Morphology of Monoclinic ZrO ₂ Nanocrystals. Journal of Physical Chemistry C, 2011, 115, 24274-24286.	3.1	67
16	NO interaction with bare and transition-metal-ions-doped zirconia. Catalysis Today, 2011, 176, 281-285.	4.4	0
17	Complementary use of IR and EPR spectroscopies for characterization of iron species in thermally treated MFI-type zeolites. Microporous and Mesoporous Materials, 2010, 127, 82-89.	4.4	14
18	CuO _x â””TiO ₂ Photocatalysts for H ₂ Production from Ethanol and Glycerol Solutions. Journal of Physical Chemistry A, 2010, 114, 3916-3925.	2.5	239

#	ARTICLE	IF	CITATIONS
19	Structure and Surface Properties of Zirconia-Supported Molybdena Obtained by Slurry Deposition. Topics in Catalysis, 2009, 52, 993-1000.	2.8	6
20	Porous clay heterostructures (PCHs) intercalated with silica-titania pillars and modified with transition metals as catalysts for the DeNOx process. Applied Catalysis B: Environmental, 2009, 91, 449-459.	20.2	57
21	Role of vanadium sites in NO and O2 adsorption processes over VOx/CeO2-ZrO2 catalysts – EPR and IR studies. Catalysis Today, 2008, 137, 292-299.	4.4	17
22	EPR studies on NO interaction with MoOx/t-ZrO2 catalysts obtained by slurry deposition. Catalysis Today, 2008, 137, 283-287.	4.4	4
23	Metastabilization of Tetragonal Zirconia by Doping with Low Amounts of Silica. Solid State Phenomena, 2007, 128, 89-96.	0.3	10
24	Spectroscopic EPR and IR studies of monomeric and dimeric species formed upon adsorption of nitric oxide on Ce0.75Zr0.25O2 and their reactivity with dioxygen. Catalysis Today, 2007, 119, 120-124.	4.4	12
25	Interaction of NO and NO2 with the surface of CexZr1-xO2 solid solutions – Influence of the phase composition. Catalysis Today, 2007, 119, 114-119.	4.4	29
26	Metallosalen complexes immobilized in zeolite NaX as catalysts of aerobic oxidation of cyclooctane. Applied Catalysis A: General, 2006, 299, 235-242.	4.3	71
27	Application of EPR spectroscopy for elucidation of vanadium speciation in VOx/ZrO2 catalysts subject to redox treatment. Research on Chemical Intermediates, 2003, 29, 793-804.	2.7	66
28	Polymorphic Transitions and Surface Properties of Zirconia Modified by Doping with d, p and s Oxides. Key Engineering Materials, 2003, 253, 129-138.	0.4	2
29	Interaction of NH3 and oxygen with Cu(1 1 0), investigated by FT-IRAS. Journal of Molecular Catalysis A, 2002, 186, 193-201.	4.8	10
30	Surface Heterogeneity of Zirconia-Supported V2O5 Catalysts. The Link between Structure and Catalytic Properties in Oxidative Dehydrogenation of Propane. Langmuir, 1999, 15, 5733-5741.	3.5	64
31	Use of phosphines as versatile molecular probes for studying the coordination states of molybdenum ions in MoSiO2 catalysts by EPR. Journal of Molecular Catalysis A, 1996, 112, 469-482.	4.8	15