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List of Publications by Year in descending order

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32 papers	743 citations	516710 16 h-index	526287 27 g-index
34 all docs	34 docs citations	34 times ranked	786 citing authors

#	Article	IF	Citations
1	Palladium nanoparticles on modified cellulose as a novel catalyst for low temperature gas reactions. Cellulose, 2021, 28, 9135-9147.	4.9	0
2	Pd and Pd,In nanoparticles supported on polymer fibres as catalysts for the nitrate and nitrite reduction in aqueous media. Journal of Environmental Chemical Engineering, 2020, 8, 103651.	6.7	15
3	Green synthesis of time-stable palladium nanoparticles using microfluidic devices. Journal of Environmental Chemical Engineering, 2020, 8, 104096.	6.7	29
4	Green Synthesis of a Cu/SiO2 Catalyst for Efficient H2-SCR of NO. Applied Sciences (Switzerland), 2019, 9, 4075.	2.5	16
5	Microreactors for the continuous and green synthesis of palladium nanoparticles: Enhancement of the catalytic properties. Journal of Environmental Chemical Engineering, 2019, 7, 103136.	6.7	18
6	Natural polysaccharides and microfluidics: A winâ€“win combination towards the green and continuous production of long-term stable silver nanoparticles. Journal of Environmental Chemical Engineering, 2018, 6, 5069-5078.	6.7	5
7	Exchanged lanthanum in InHMOR and its impact on the catalytic performance of InHMOR. Spectroscopic, volumetric and microscopic studies. Microporous and Mesoporous Materials, 2016, 222, 9-22.	4.4	12
8	Pt-Mg-Ir/Al2O3 and Pt-Ir/HY zeolite catalysts for SRO of decalin. Influence of Ir content and support acidity. Applied Catalysis A: General, 2013, 452, 48-56.	4.3	20
9	Optimal Ir/Pt ratio for the ring opening of decalin in zeolite supported catalysts. Applied Catalysis A: General, 2012, 445-446, 195-203.	4.3	25
10	Facile synthesis of SiO2â€“Au nanoshells in a three-stage microfluidic system. Journal of Materials Chemistry, 2012, 22, 21420.	6.7	48
11	Further insights on the physico-chemical aspects of PdIn-Hmordenite catalysts for the NOx-SCR with CH4. Microporous and Mesoporous Materials, 2012, 163, 307-320.	4.4	9
12	The SCR of NO with methane over In,H- and Co,In,H-ZSM-5 catalysts: The promotional effect of cobalt. Applied Catalysis B: Environmental, 2012, 117-118, 212-223.	20.2	36
13	Characterization of dispersed indium species obtained by thermal treatment of Inâ€“NH4-zeolites and their impact on the SCR of NOx. Microporous and Mesoporous Materials, 2011, 145, 41-50.	4.4	10
14	The activation of NO and CH4 for NO-SCR reaction over In- and Co-containing H-ZSM-5 catalysts. Journal of Molecular Catalysis A, 2011, 345, 75-80.	4.8	28
15	The role of Pdâ€“In interactions on the performance of PdIn-Hmordenite in the SCR of NOx with CH4. Catalysis Today, 2011, 172, 124-131.	4.4	15
16	Comparative study of the synthesis of silica nanoparticles in micromixerâ€“microreactor and batch reactor systems. Chemical Engineering Journal, 2011, 171, 674-683.	12.7	74
17	An operando DRIFTS study of the active sites and the active intermediates of the NO-SCR reaction by methane over In,H- and In,Pd,H-zeolite catalysts. Applied Catalysis B: Environmental, 2010, 100, 133-142.	20.2	49
18	Steam resistant CoLa-mordenite catalysts for the SCR of NOx with CH4. Applied Catalysis A: General, 2009, 360, 107-119.	4.3	31

#	Article	IF	Citations
19	Influence of tin addition by redox reaction in different media on the catalytic properties of Pt-Re/Al2O3 naphtha reforming catalysts. Applied Catalysis A: General, 2009, 370, 34-41.	4.3	14
20	Catalytic Properties of Ptâ"Re/Al₂O₃Naphtha-Reforming Catalysts Modified by Germanium Introduced by Redox Reaction at Different pH Values. Industrial & Engineering Chemistry Research, 2009, 48, 3771-3778.	3.7	13
21	Spectroscopic and catalytic characterization of Co-exchanged mordenites subject to CO/O2 redox treatments. Microporous and Mesoporous Materials, 2008, 114, 281-292.	4.4	2
22	A Mechanistic Study of the Solid-State Reactions of H-Mordenite with Indium(0) and Indium(III)oxide. Journal of Physical Chemistry C, 2008, 112, 19423-19430.	3.1	22
23	Effect of the location of cobalt species on NO adsorption and NOx-SCR over Coâ€"mordenite. Applied Catalysis A: General, 2007, 321, 7-16.	4.3	38
24	Synthesis and characterization of ZSM-5 coatings onto cordierite honeycomb supports. Applied Catalysis A: General, 2003, 253, 257-269.	4.3	62
25	In Situ PAC Study of InPt Exchanged Zeolites under Different Redox Conditions. Journal of Physical Chemistry B, 2002, 106, 7815-7823.	2.6	5
26	Title is missing!. Catalysis Letters, 2002, 82, 131-139.	2.6	12
27	Promotional Effect of Reduction Treatments of PtIn(ferrierite) on Its Activity in the SCR of NO with Methane. Kinetics and Novel Characterization Studies. Journal of Physical Chemistry B, 2001, 105, 9514-9523.	2.6	13
28	EXAFS, TDPAC and TPR characterization of PtInFerrierite. Applied Catalysis B: Environmental, 2001, 29, 35-46.	20.2	22
29	Characterization of the role of Pt on CoPt and InPt ferrierite activity and stability upon the SCR of NO with CH4. Studies in Surface Science and Catalysis, 2000, , 1535-1540.	1.5	5
30	Combined TDPAC and EXAFS Study of InPt/FER Catalysts. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2000, 55, 327-330.	1.5	4
31	Perturbed Angular Correlation Characterization of Indium Species on In/H-ZSM5 Catalysts. Journal of Catalysis, 1999, 188, 375-384.	6.2	30
32	Promoting Effect of Pt on CoZeolites upon the SCR of NOx. Journal of Catalysis, 1998, 179, 179-191.	6.2	61