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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	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
2	Synthesis and characterization of ZSM-5 coatings onto cordierite honeycomb supports. Applied Catalysis A: General, 2003, 253, 257-269.	4.3	62
3	Promoting Effect of Pt on CoZeolites upon the SCR of NOx. Journal of Catalysis, 1998, 179, 179-191.	6.2	61
4	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
5	Facile synthesis of SiO2â€“Au nanoshells in a three-stage microfluidic system. Journal of Materials Chemistry, 2012, 22, 21420.	6.7	48
6	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
7	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
8	Steam resistant CoLa-mordenite catalysts for the SCR of NOx with CH4. Applied Catalysis A: General, 2009, 360, 107-119.	4.3	31
9	Perturbed Angular Correlation Characterization of Indium Species on In/H-ZSM5 Catalysts. Journal of Catalysis, 1999, 188, 375-384.	6.2	30
10	Green synthesis of time-stable palladium nanoparticles using microfluidic devices. Journal of Environmental Chemical Engineering, 2020, 8, 104096.	6.7	29
11	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
12	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
13	EXAFS, TDPAC and TPR characterization of PtInFerrierite. Applied Catalysis B: Environmental, 2001, 29, 35-46.	20.2	22
14	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
15	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
16	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
17	Green Synthesis of a Cu/SiO2 Catalyst for Efficient H2-SCR of NO. Applied Sciences (Switzerland), 2019, 9, 4075.	2.5	16
18	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

#	Article	IF	Citations
19	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
20	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
21	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
22	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
23	Title is missing!. Catalysis Letters, 2002, 82, 131-139.	2.6	12
24	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
25	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
26	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
27	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
28	In Situ PAC Study of InPt Exchanged Zeolites under Different Redox Conditions. Journal of Physical Chemistry B, 2002, 106, 7815-7823.	2.6	5
29	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
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	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
32	Palladium nanoparticles on modified cellulose as a novel catalyst for low temperature gas reactions. Cellulose, 2021, 28, 9135-9147.	4.9	0