

List of Publications by Year in descending order

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14
papers

1,620
citations

567281

15
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1667
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Catalytic Conversion of Methane to Methanol in an Aqueous Medium by using Copper-Promoted Fe-ZSM-5. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5129-5133.	13.8	492
2	Oxidation of Methane to Methanol with Hydrogen Peroxide Using Supported Gold-Palladium Alloy Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1280-1284.	13.8	239
3	Elucidation and Evolution of the Active Component within Cu/Fe/ZSM-5 for Catalytic Methane Oxidation: From Synthesis to Catalysis. <i>ACS Catalysis</i> , 2013, 3, 689-699.	11.2	117
4	Catalytic and Mechanistic Insights of the Low-Temperature Selective Oxidation of Methane over Cu-Promoted Fe-ZSM-5. <i>Chemistry - A European Journal</i> , 2012, 18, 15735-15745.	3.3	102
5	Aqueous-Phase Methane Oxidation over Fe-MFI Zeolites; Promotion through Isomorphous Framework Substitution. <i>ACS Catalysis</i> , 2013, 3, 1835-1844.	11.2	99
6	Involvement of Surface-Bound Radicals in the Oxidation of Toluene Using Supported Au-Pd Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5981-5985.	13.8	89
7	Partial Oxidation of Ethane to Oxygenates Using Fe- and Cu-Containing ZSM-5. <i>Journal of the American Chemical Society</i> , 2013, 135, 11087-11099.	13.7	83
8	Low temperature selective oxidation of methane to methanol using titania supported gold palladium copper catalysts. <i>Catalysis Science and Technology</i> , 2016, 6, 3410-3418.	4.1	64
9	Light alkane oxidation using catalysts prepared by chemical vapour impregnation: tuning alcohol selectivity through catalyst pre-treatment. <i>Chemical Science</i> , 2014, 5, 3603-3616.	7.4	45
10	Selective catalytic oxidation using supported gold-platinum and palladium-platinum nanoalloys prepared by sol-immobilisation. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 10636.	2.8	37
11	Systematic Study of the Oxidation of Methane Using Supported Gold Palladium Nanoparticles Under Mild Aqueous Conditions. <i>Topics in Catalysis</i> , 2013, 56, 1843-1857.	2.8	35
12	High Activity Redox Catalysts Synthesized by Chemical Vapor Impregnation. <i>ACS Nano</i> , 2014, 8, 957-969.	14.6	25
13	Low temperature catalytic partial oxidation of ethane to oxygenates by Fe and Cu-ZSM-5 in a continuous flow reactor. <i>Journal of Catalysis</i> , 2015, 330, 84-92.	6.2	24
14	Co-oxidation of octane and benzaldehyde using molecular oxygen with Au-Pd/carbon prepared by sol-immobilisation. <i>Catalysis Science and Technology</i> , 2015, 5, 3953-3959.	4.1	3