

Renyang Zheng

List of Publications by Year in descending order

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papers

726
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687363

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1047
citing authors

#	ARTICLE	IF	CITATIONS
1	Industrial catalysis: Strategies to enhance selectivity. Chinese Journal of Catalysis, 2020, 41, 1032-1038.	14.0	17
2	Optimizing the Reaction Performance of La ₂ Ce ₂ O ₇ -Based Catalysts for Oxidative Coupling of Methane (OCM) at Lower Temperature by Lattice Doping with Ca Cations. European Journal of Inorganic Chemistry, 2019, 2019, 183-194.	2.0	49
3	SnO ₂ Based Catalysts with Low-Temperature Performance for Oxidative Coupling of Methane: Insight into the Promotional Effects of Alkali-Metal Oxides. European Journal of Inorganic Chemistry, 2018, 2018, 1787-1799.	2.0	26
4	Developing reactive catalysts for low temperature oxidative coupling of methane: On the factors deciding the reaction performance of Ln ₂ Ce ₂ O ₇ with different rare earth A sites. Applied Catalysis A: General, 2018, 552, 117-128.	4.3	74
5	Selective ring opening of methylcyclopentane over surface-decorated Ir-Co bimetallic catalysts synthesized by galvanic replacement reaction. RSC Advances, 2016, 6, 105063-105069.	3.6	5
6	Controlling hydrogenation of CO and CC bonds in cinnamaldehyde using silica supported Co-Pt and Cu-Pt bimetallic catalysts. Applied Catalysis A: General, 2012, 419-420, 126-132.	4.3	61
7	Low-temperature hydrogenation of the C=O bond of propanal over Ni-Pt bimetallic catalysts: from model surfaces to supported catalysts. Catalysis Science and Technology, 2011, 1, 638.	4.1	22
8	Promoting Low-Temperature Hydrogenation of C=O Bonds of Acetone and Acetaldehyde by using Co-Pt Bimetallic Catalysts. ChemCatChem, 2011, 3, 578-581.	3.7	18
9	Low-temperature 1,3-butadiene hydrogenation over supported Pt/3d/Al ₂ O ₃ bimetallic catalysts†. Catalysis Today, 2011, 160, 61-69.	4.4	33
10	The effects of oxide supports on the low temperature hydrogenation activity of acetone over Pt/Ni bimetallic catalysts on SiO ₂ , Al ₂ O ₃ and TiO ₂ . Applied Catalysis A: General, 2011, 393, 44-49.	4.3	26
11	Novel thermally stable phosphorus-doped TiO ₂ photocatalyst synthesized by hydrolysis of TiCl ₄ . Journal of Molecular Catalysis A, 2010, 319, 46-51.	4.8	54
12	Hydrothermal synthesis and characterization of phosphorous-doped TiO ₂ with high photocatalytic activity for methylene blue degradation. Journal of Molecular Catalysis A, 2009, 313, 44-48.	4.8	56
13	State of Doped Phosphorus and Its Influence on the Physicochemical and Photocatalytic Properties of P-doped Titania. Journal of Physical Chemistry C, 2008, 112, 15502-15509.	3.1	141
14	Synthesis and characterization of phosphor and nitrogen co-doped titania. Applied Catalysis B: Environmental, 2007, 76, 196-202.	20.2	144