Renyang Zheng

List of Publications by Year
in descending order

14	726	687363 13	1058476 14
papers	citations	h-index	g-index

14	14	14	1047
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and characterization of phosphor and nitrogen co-doped titania. Applied Catalysis B: Environmental, 2007, 76, 196-202.	20.2	144
2	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
3	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
4	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
5	Hydrothermal synthesis and characterization of phosphorous-doped TiO2 with high photocatalytic activity for methylene blue degradation. Journal of Molecular Catalysis A, 2009, 313, 44-48.	4.8	56
6	Novel thermally stable phosphorus-doped TiO2 photocatalyst synthesized by hydrolysis of TiCl4. Journal of Molecular Catalysis A, 2010, 319, 46-51.	4.8	54
7	Optimizing the Reaction Performance of La₂Ce₂O₇â€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
8	Low-temperature 1,3-butadiene hydrogenation over supported Pt/3d/Î³-Al2O3 bimetallic catalystsâ˜†. Catalysis Today, 2011, 160, 61-69.	4.4	33
9	The effects of oxide supports on the low temperature hydrogenation activity of acetone over Pt/Ni bimetallic catalysts on SiO2, Î³-Al2O3 and TiO2. Applied Catalysis A: General, 2011, 393, 44-49.	4.3	26
10	SnO₂ Based Catalysts with Lowâ€Temperature Performance for Oxidative Coupling of Methane: Insight into the Promotional Effects of Alkaliâ€Metal Oxides. European Journal of Inorganic Chemistry, 2018, 2018, 1787-1799.	2.0	26
11	Low-temperature hydrogenation of the Cî€O bond of propanal over Niâ€“Pt bimetallic catalysts: from model surfaces to supported catalysts. Catalysis Science and Technology, 2011, 1, 638.	4.1	22
12	Promoting Lowâ€Temperature Hydrogenation of Cï£¾O Bonds of Acetone and Acetaldehyde by using Coâ€“Pt Bimetallic Catalysts. ChemCatChem, 2011, 3, 578-581.	3.7	18
13	Industrial catalysis: Strategies to enhance selectivity. Chinese Journal of Catalysis, 2020, 41, 1032-1038.	14.0	17
14	Selective ring opening of methylcyclopentane over surface-decorated Irâ€“Co bimetallic catalysts synthesized by galvanic replacement reaction. RSC Advances, 2016, 6, 105063-105069.	3.6	5