Christos M Kalamaras

List of Publications by Year
in descending order

10	1,078	933447 10	1372567 10
papers	citations	h-index	g-index

10	10	10	1337
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrogen Production Technologies: Current State and Future Developments. Conference Papers in Energy, 2013, 2013, 1-9.	0.6	249
2	â€œRedoxâ€•vs â€œassociative formate with â€“OH group regenerationâ€•WGS reaction mechanism on Pt/CeO2: Effect of platinum particle size. Journal of Catalysis, 2011, 279, 287-300.	6.2	226
3	Kinetic and mechanistic studies of the waterâ€“gas shift reaction on Pt/TiO2 catalyst. Journal of Catalysis, 2009, 264, 117-129.	6.2	168
4	Mechanistic aspects of the waterâ€“gas shift reaction on alumina-supported noble metal catalysts: In situ DRIFTS and SSITKA-mass spectrometry studies. Catalysis Today, 2007, 127, 304-318.	4.4	93
5	Effects of Reaction Temperature and Support Composition on the Mechanism of Waterâ€“Gas Shift Reaction over Supported-Pt Catalysts. Journal of Physical Chemistry C, 2011, 115, 11595-11610.	3.1	90
6	The effect of La3+-doping of CeO2 support on the water-gas shift reaction mechanism and kinetics over Pt/Ce1â^'xLaxO2â^'Î´. Applied Catalysis B: Environmental, 2013, 136-137, 225-238.	20.2	70
7	The water-gas shift reaction on Pt/Î³-Al2O3 catalyst: Operando SSITKA-DRIFTS-mass spectroscopy studies. Catalysis Today, 2008, 138, 228-234.	4.4	66
8	Selective catalytic reduction of NO by hydrogen (H2-SCR) on WO -promoted Ce Zr1-O2 solids. Applied Catalysis B: Environmental, 2014, 156-157, 72-83.	20.2	49
9	The effect of La3+, Ti4+ and Zr4+ dopants on the mechanism of WGS on ceria-doped supported Pt catalysts. Catalysis Today, 2014, 228, 183-193.	4.4	35
10	Selective catalytic reduction of NO by H2/C3H6 over Pt/Ce1-xZrxO2-Î´: The synergy effect studied by transient techniques. Applied Catalysis B: Environmental, 2017, 206, 308-318.	20.2	32