

Christos M Kalamaras

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

1,078
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1337
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Selective catalytic reduction of NO by H ₂ /C ₃ H ₆ over Pt/Ce _{1-x} Zr _x O ₂ - γ : The synergy effect studied by transient techniques. Applied Catalysis B: Environmental, 2017, 206, 308-318. | 20.2 | 32 |
| 2 | The effect of La ³⁺ , Ti ⁴⁺ and Zr ⁴⁺ dopants on the mechanism of WGS on ceria-doped supported Pt catalysts. Catalysis Today, 2014, 228, 183-193. | 4.4 | 35 |
| 3 | Selective catalytic reduction of NO by hydrogen (H ₂ -SCR) on WO ₃ -promoted Ce-Zr _{1-x} O ₂ solids. Applied Catalysis B: Environmental, 2014, 156-157, 72-83. | 20.2 | 49 |
| 4 | The effect of La ³⁺ -doping of CeO ₂ support on the water-gas shift reaction mechanism and kinetics over Pt/Ce _{1-x} La _x O ₂ - γ . Applied Catalysis B: Environmental, 2013, 136-137, 225-238. | 20.2 | 70 |
| 5 | Hydrogen Production Technologies: Current State and Future Developments. Conference Papers in Energy, 2013, 2013, 1-9. | 0.6 | 249 |
| 6 | Effects of Reaction Temperature and Support Composition on the Mechanism of Water-Gas Shift Reaction over Supported-Pt Catalysts. Journal of Physical Chemistry C, 2011, 115, 11595-11610. | 3.1 | 90 |
| 7 | Redox vs associative formate with OH group regeneration WGS reaction mechanism on Pt/CeO ₂ : Effect of platinum particle size. Journal of Catalysis, 2011, 279, 287-300. | 6.2 | 226 |
| 8 | Kinetic and mechanistic studies of the water-gas shift reaction on Pt/TiO ₂ catalyst. Journal of Catalysis, 2009, 264, 117-129. | 6.2 | 168 |
| 9 | The water-gas shift reaction on Pt/ ¹³ C-Al ₂ O ₃ catalyst: Operando SSITKA-DRIFTS-mass spectroscopy studies. Catalysis Today, 2008, 138, 228-234. | 4.4 | 66 |
| 10 | Mechanistic aspects of the water-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 |