ELSEVIER

Contents lists available at ScienceDirect

Journal of Catalysis

journal homepage: www.elsevier.com/locate/jcat



Journal of Catalysis Vol. 346, 2017

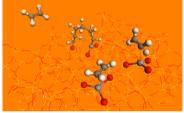
Contents

PRIORITY COMMUNICATION

Strain effect and dual initiation pathway in Cr^{III}/SiO₂ polymerization catalysts from amorphous periodic models Leonard Floryan, András P. Borosy, Francisco Núñez-Zarur, Aleix Comas-Vives*, Christophe Copéret*

pp 50-56

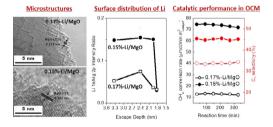
~1₀



Distribution and role of Li in Li-doped MgO catalysts for oxidative coupling of methane

Liangfeng Luo, Yuekang Jin, Haibin Pan, Xusheng Zheng, Lihui Wu, Rui You, Weixin Huang*

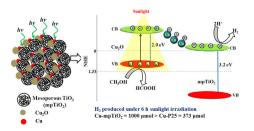
pp 57-61



REGULAR ARTICLES

A Cu⁺¹/Cu⁰-TiO₂ mesoporous nanocomposite exhibits improved H₂ production from H₂O under direct solar irradiation Rayees Ahmad Rather, Satnam Singh, Bonamali Pal*

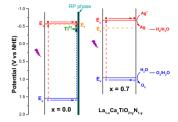
pp 1-9



Efficient photocatalytic oxygen production over Ca-modified LaTiO₂N

Fangfang Wu, Gang Liu, Xiaoxiang Xu*

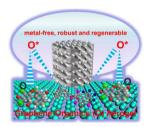
pp 10-20



 $Metal-free, \ robust, \ and \ regenerable \ 3D \ graphene-organics \ aerogel \ with \ high \ and \ stable \ photosensitization \ efficiency$

pp 21-29

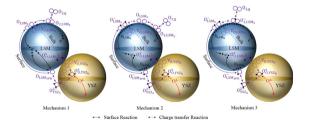
Min-Quan Yang, Nan Zhang, Ye Wang, Yi-Jun Xu*



Elementary kinetics of the oxygen reduction reaction on LSM-YSZ composite cathodes

A. Banerjee, O. Deutschmann*

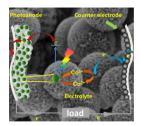
pp 30-49



Large-scale high-efficiency dye-sensitized solar cells based on a Pt/carbon spheres composite catalyst as a flexible counter electrode

pp 62-69

Yajing Zhu, Chenjing Gao, Qianji Han, Zhuo Wang, Yanru Wang, Haikuo Zheng, Mingxing Wu*



Download English Version:

https://daneshyari.com/en/article/6455693

Download Persian Version:

 $\underline{https://daneshyari.com/article/6455693}$

Daneshyari.com