

Division: Energy Analysis

Year: 2016

No.	Description
10	Itaoka, K., Saito, A. and Sasaki, K. (2017) Public perception on hydrogen infrastructure in Japan: Influence of rollout of commercial fuel cell vehicles, International Journal of Hydrogen Energy, 42 (11), 7290-7296. DOI: 10.1016/j.ijhydene.2016.10.123
9	Wijayanto, D.S., Rohman, N., Hadisaputro, R., Bugis, H. and Agung Pambudi, N. (2017) Preliminary experiment on fuel consumption and emission reduction in SI engine using blended bioethanol-gasoline and radiator tube-heater, International Journal of Sustainable Engineering, 10 (2), 115-122. DOI: 10.1080/19397038.2016.1264497
8	Gandidia, I.M., Susila, M.D., Mustofa, A. and Pambudi, N.A. (2018) Thermal – Catalytic cracking of real MSW into Bio-Crude Oil, Journal of the Energy Institute, 91 (2), 304-314. DOI: 10.1016/j.joei.2016.11.005
7	Miao, Y., Mo, K., Zhou, Z., Liu, X., Lan, K.-C., Zhang, G., Park, J.-S., Almer, J. and Stubbins, J.F. (2016) Load-partitioning in an oxide dispersion-strengthened 310 steel at elevated temperatures, Materials and Design, 111, 622-630. DOI: 10.1016/j.matdes.2016.09.015
6	Miao, Y., Mo, K., Zhou, Z., Liu, X., Lan, K.-C., Zhang, G., Miller, M.K., Powers, K.A. and Stubbins, J.F. (2016) Size-dependent characteristics of ultra-fine oxygen-enriched nanoparticles in austenitic steels, Journal of Nuclear Materials, 480, 195-201. DOI: 10.1016/j.jnucmat.2016.08.014
5	Pambudia, N.A., Laukkonen, T., Syamsiro, M. and Gandidi, I.M. (2016) Simulation of Jatropha curcas shell in gasifier for synthesis gas and hydrogen production, Journal of the Energy Institute, 90 (5), 672-679. DOI: 10.1016/j.joei.2016.07.010
4	Nakao, K., Ishimoto, T. and Koyama, M. (2016) Density Functional Theory Study for Ni Diffusion on Ni(111) Surface under Solid Oxide Fuel Cell Operating Condition, Journal of Physical Chemistry C, 120 (30), 16641-16648. DOI: 10.1021/acs.jpcc.6b03440
3	Li, X.P., Anderson, P., Jhong, H.R.M., Paster, M., Stubbins, J.F. and Kenis, P.J.A. (2016) Greenhouse Gas Emissions, Energy Efficiency, and Cost of Synthetic Fuel Production Using Electrochemical CO ₂ Conversion and the Fischer-Tropsch Process, Energy & Fuels, 30 (7), 5980-5989. DOI: 10.1021/acs.energyfuels.6b00665
2	Ishimoto, T. and Koyama, M. (2016) Electronic Structure and Phase Stability of PdPt Nanoparticles, Journal of Physical Chemistry Letters, 7 (5), 736-740. DOI: 10.1021/acs.jpclett.5b02753
1	Mo, K., Yun, D., Miao, Y., Liu, X., Pellin, M., Almer, J., Park, J.-S., Stubbins, J.F., Zhu, S. and Yacout, A.M. (2016) Investigation of high-energy ion-irradiated MA957 using synchrotron radiation under in-situ tension, Materials, 9 (1), 15. DOI: 10.3390/ma9010015