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Papers in Conferences

1. S.A Razavi_ E Nemati Lay, INDUSTRIAL CHALLENGES OF HDPE FLUID BED DRYING IN DIFFERENT GRADES. 4th International Conference on Recent Innovations in Chemistry and Chemical Engineering, 14 7 2017, تهران.
2. Erfan Omid و Priya Izadi_ Mohammad Reza Shafeghi_ Ebrahim Nemati Lay, Evaluation of ethylene glycol production methods. Third National Conference on Modern Technologies in Chemistry, Petrochemicals and Nano-Iran, 11 6 2016, تهران.
3. Gholamhossein Abbasi Barzoki _ Alireza Abbasi Barzoki _ Ebrahim Nemati Lay, Heat-integrated condenser for essential oil extraction process. The First Iranian Seminar of Essential oil, 10 5 2016, کاشان.
4. Behzad Nematalahi_ Ali Hasan Zadeh_ Mehran Rezaee_ Ebrahim Nemati Lay, Low Temperature CO Methanation over High Surface Area Ni/□-Al₂O₃ Nanocatalysts for CO Removal of H₂-rich Stream. The 15th Iranian National Congress of Chemical Engineering (ICHEC 2015), 17 2 2015, تهران.
5. Mojtaba Abdollahi_ Ebrahim Nemati Lay_ Ehsan Sanjari, Experimental Analysis on Effects of Cycling Operation of Methane Adsorption and Desorption on Monolithic Activated Carbon, 4th International Conference on Power and Energy Systems Engineering, CPSE 2017, 26 9 2017, برلین.
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7. _Masoumeh Sadat Hosseini _ Ebrahim Nemati Lay, A new pressure gradient correlation for oil-water dispersed flow in horizontal pipes, 4th International Conference on Recent Innovations in Chemistry and Chemical Engineering, 14 7 2017, تهران.
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11. _Erfan Omid _ Priya Izadi _ Mohammad Reza Shafeghi _ Amir Mohammad Norouzi_ ebrahim nemati lay, Characteristics of Authors Article Review of Methods of Production of Ethylene Glycol, Third National Conference on Modern Technologies in Chemistry, Petrochemicals and Nano-Iran, تهران.

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12. Seyed Ali Reza Hosseini Nasab, Ebrahim Nemati Lay ,Effects of temperature and pressure on exergy analysis in solar energy storage systems ,11th International Energy Conference ,5 2016, تهران 30.
13. Arash Kadivar, Ebrahim Nemati Lay ,Modeling and Optimization of Gas Metering Using Genetic Algorithm ,11th International Energy Conference ,30 5 2016, تهران.
14. Maryam MashayekhPoor_Ebrahim Nemati Lay ,A NEW TWO-PHASE FRICTIONAL PRESSURE DROP FOR ADIABATIC AND CONDENSING MINI/MICRO-CHANNEL FLOWS ,9th International Conference on Multiphase Flow (ICMF 2016) ,22 5 2016, فیرنزه.
15. Maryam MashayekhPoor_Ebrahim Nemati Lay ,EXPERIMENTAL INVESTIGATION OF PRESSURE DROP OF COUNTER CURRENT AIR-WATER FLOW IN A VERTICAL COLUMN ,9th International Conference on Multiphase Flow (ICMF 2016) ,22 5 2016, فیرنزه.
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18. Mina karami Nezhad_Ebrahim Nemati Lay ,NaOH activation of activated carbon for methane storage ,The 9th International Chemical Engineering Congress & Exhibition (IChEC 2015) ,12 2015, تهران 26.
19. Marzieh Zamani Mazdeh_Ebrahim Nemati Lay ,Separation and Adsorption of Methane and Hydrogen Gas Mixture on Two Nano-porous Activated Carbon Monoliths at 298.15K ,2nd International Conference on Nanotechnology (ICN 2014 ,10 7 2014, استانبول.
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21. Behzad Nematollahi_Mehran Rezaee_Ebrahim Nemati Lay ,Methanation of Carbon Monoxide over Nickel-Ceria Nanocatalysts in Hydrogen Purification ,2nd International Conference Of Oil, Gas And Petrochemical ,18 12 2014, تهران.

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2. Feybi Ariani, Seyedabوالفضل سجادی نوش ابادی, ابراهیم نعمتی لای, امیر دشتی, امیرحسین محمدی, عبدالمحمد غلام زاده Goni, Jarom Kleme, Insights into modelling and evaluation of thermodynamic and transport properties of refrigerants using machine-learning methods, Energy, Vol. 262, pp. 1, 2023 01 01, SCOPUS ,ISI-Listed.
3. An Empirical Correlation for Predicting Vapor Pressure of Ionic Liquids, Journal of Ionic Liquids, Vol. 2, pp. 1, 2022 12 31, SCOPUS.
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7. Ehsan Sanjari_ Ebrahim Nemati Lay, Estimation of natural gas compressibility factors using artificial neural network approach, *Journal of Natural Gas Science and Engineering*, pp. 220-226, November 2012.
8. Behzad Nematollahi_ Mehran Rezaei_ Ebrahim Nemati Lay_ Majid Khajenoori, Thermodynamic analysis of combined reforming process using Gibbs energy minimization method: In view of solid carbon formation, *Journal of Natural Gas Chemistry*, pp. 694-702, November 2012.
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17. Amir Alihosseinzadeh_ Behzad Nematollahi_ Mehran Rezaei_ Ebrahim Nemati Lay, CO methanation over Ni catalysts supported on high surface area mesoporous nanocrystalline γ -Al₂O₃ for CO removal in H₂-rich stream, *International Journal of Hydrogen Energy* Volume 40, Issue 4, , Pages, pp. 1809-1819, 30 January 2015.
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