# Kamyar Keyvanloo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11074303/publications.pdf

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| 19 | 553 | 623734 | 794594 |
|---|---|---|---|
| papers | citations | 14 | 19 |
| | | h-index | g-index |

| 19 | 19 | 19 | 760 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Supported Iron Fischerâ€“Tropsch Catalyst: Superior Activity and Stability Using a Thermally Stable Silica-Doped Alumina Support. ACS Catalysis, 2014, 4, 1071-1077. | 11.2 | 72 |
| 2 | Effect of different alumina supports on performance of cobalt Fischer-Tropsch catalysts. Journal of Catalysis, 2018, 359, 92-100. | 6.2 | 57 |
| 3 | Modeling of Thermal Cracking of Heavy Liquid Hydrocarbon: Application of Kinetic Modeling, Artificial Neural Network, and Neuro-Fuzzy Models. Industrial & Engineering Chemistry Research, 2011, 50, 1536-1547. | 3.7 | 55 |
| 4 | Kinetics of deactivation by carbon of a cobalt Fischerâ€“Tropsch catalyst: Effects of CO and H2 partial pressures. Journal of Catalysis, 2015, 327, 33-47. | 6.2 | 52 |
| 5 | Genetic algorithm model development for prediction of main products in thermal cracking of naphtha: Comparison with kinetic modeling. Chemical Engineering Journal, 2012, 209, 255-262. | 12.7 | 44 |
| 6 | Kinetic study of steam catalytic cracking of naphtha on a Fe/ZSM-5 catalyst. Fuel, 2013, 109, 432-438. | 6.4 | 36 |
| 7 | The effect of Fe, P and Si/Al molar ratio on stability of HZSM-5 catalyst in naphtha thermal-catalytic cracking to light olefins. Catalysis Communications, 2012, 27, 114-118. | 3.3 | 32 |
| 8 | Highly active and stable supported iron Fischerâ€“Tropsch catalysts: Effects of support properties and SiO2 stabilizer on catalyst performance. Journal of Catalysis, 2014, 319, 220-231. | 6.2 | 32 |
| 9 | Acid site properties of thermally stable, silica-doped alumina as a function of silica/alumina ratio and calcination temperature. Applied Catalysis A: General, 2014, 482, 16-23. | 4.3 | 29 |
| 10 | A novel CeO2 supported on carbon nanotubes coated with SiO2 catalyst for catalytic cracking of naphtha. Applied Catalysis A: General, 2012, 417-418, 53-58. | 4.3 | 27 |
| 11 | Experimental study and optimization of heavy liquid hydrocarbon thermal cracking to light olefins by response surface methodology. Korean Journal of Chemical Engineering, 2010, 27, 1170-1176. | 2.7 | 21 |
| 12 | Kinetics of Fischer-Tropsch synthesis on supported cobalt: Effect of temperature on CO and H 2 partial pressure dependencies. Catalysis Today, 2016, 270, 9-18. | 4.4 | 19 |
| 13 | Effect of Support Pretreatment Temperature on the Performance of an Iron Fischerâ€“Tropsch Catalyst Supported on Silica-Stabilized Alumina. Catalysts, 2018, 8, 77. | 3.5 | 16 |
| 14 | Effects of preparation variables on an alumina-supported FeCuK Fischerâ€“Tropsch catalyst. Catalysis Science and Technology, 2014, 4, 4289-4300. | 4.1 | 15 |
| 15 | On the kinetics and mechanism of Fischerâ€“Tropsch synthesis on a highly active iron catalyst supported on silica-stabilized alumina. Catalysis Today, 2016, 261, 67-74. | 4.4 | 14 |
| 16 | Preparation of an Unsupported Iron Fischerâ€“Tropsch Catalyst by a Simple, Novel, Solvent-Deficient Precipitation (SDP) Method. Energy & Fuels, 2015, 29, 1972-1977. | 5.1 | 13 |
| 17 | Kinetic study of the methanol to olefin process on a SAPO-34 catalyst. Frontiers of Chemical Science and Engineering, 2014, 8, 306-311. | 4.4 | 8 |
| 18 | Effect of iron, phosphorous, and Si/Al on HZSM-5 catalytic performance and stability by response surface methodology. Journal of Analytical and Applied Pyrolysis, 2013, 104, 695-702. | 5.5 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Effect of Drying Temperature on Iron Fischer-Tropsch Catalysts Prepared by Solvent Deficient Precipitation. Journal of Nanomaterials, 2017, 2017, 1-11. | 2.7 | 4 |