

Xuhui Gao

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Production of Hydrogen by Methane Steam Reforming Coupled with Catalytic Combustion in Integrated Microchannel Reactors. <i>Energies</i> , 2018, 11, 2045. | 3.1 | 14 |
| 2 | Recent Advances in Characterization Techniques for the Interface in Carbon Nanotube-Reinforced Polymer Nanocomposites. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-24. | 1.8 | 9 |
| 3 | Epoxy matrix composites reinforced with purified carbon nanotubes for thermal management applications. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2770-2780. | 3.2 | 6 |
| 4 | Stability limits and chemical quenching of methane-air flame in plane micro-channels with different walls. <i>RSC Advances</i> , 2015, 5, 39375-39383. | 3.6 | 3 |
| 5 | Numerical investigation of the interaction between homogeneous and heterogeneous reactions of fuel-lean hydrogen-air mixtures over platinum in planar micro-channels. <i>RSC Advances</i> , 2015, 5, 51318-51329. | 3.6 | 3 |
| 6 | Catalytic Combustion Characteristics of Methane-Air Mixtures in Small-Scale Systems at Elevated Temperatures. <i>Catalysts</i> , 2018, 8, 439. | 3.5 | 2 |
| 7 | Computational Fluid Dynamics Simulations of Lean Premixed Methane-Air Flame in a Micro-Channel Reactor Using Different Chemical Kinetics. <i>International Journal of Chemical Reactor Engineering</i> , 2016, 14, 1003-1015. | 1.1 | 0 |