Yue Jiang
Ph.D. Student in Mechanical Engineering, admitted Autumn 2018

Publications

PUBLICATIONS

- **Experimental effective metal oxides to enhance boron combustion**  *COMBUSTION AND FLAME*
  Huang, S., Deng, S., Jiang, Y., Zheng, X.
  2019; 205: 278–85

- **Modified Micro-Emulsion Synthesis of Highly Dispersed Al/PVDF Composites with Enhanced Combustion Properties**  *ADVANCED ENGINEERING MATERIALS*
  2019; 21 (5)

- **Tuning the morphological, ignition and combustion properties of micron-Al/CuO thermites through different synthesis approaches**  *COMBUSTION AND FLAME*
  Deng, S., Jiang, Y., Huang, S., Shi, X., Zhao, J., Zheng, X.
  2018; 195: 303–10

- **Enhanced interfacial bonding and mechanical properties in CNT/Al composites fabricated by flake powder metallurgy**  *Carbon*
  Fan, G., Jiang, Y., Tan, Z., et al
  2018; 130: 333-339

- **Energetic Performance of Optically Activated Aluminum/Graphene Oxide Composites.**  *ACS nano*
  2018

- **Electroless Deposition and Ignition Properties of Si/Fe2O3 Core/Shell Nanothermites.**  *ACS omega*
  Huang, S., Deng, S., Jiang, Y., Zhao, J., Zheng, X.
  2017; 2 (7): 3596–3600