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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*
Huang, S., Pan, M., Deng, S., Jiang, Y., Zhao, J., Levy-Wendt, B., Tang, S. Y., Zheng, X.
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*
Jiang, Y., Deng, S., Hong, S., Zhao, J., Huang, S., Wu, C. C., Gottfried, J. L., Nomura, K. I., Li, Y., Tiwari, S., Kalia, R. K., Vashishta, P., Nakano, et al
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- **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