

Hai-Feng (Frank) Ji

Drexel University, USA

Some Optoelectronic Applications of Red and Black Phosphorus Nanomaterials

I will present a summary of some optoelectronic applications of red and black phosphorus nanomaterials. The synthesis, characterization, stability improvement of the materials will also be discussed.

Biography:

Hai-Feng (Frank) Ji is currently a professor of Department of Chemistry, Drexel University. His research interests focus on MEMS devices, nanomaterials for energy and environmental applications, drug discovery, nanopillars and phosphene for energy applications and surface chemistry. He is currently a co-author of 185 peer-viewed journal articles and book chapters. He has an H-index of 35. He is an editorial board member of several chemistry journals.