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## Publication and presentation

### Journal article

1. **Kruefu, V.**, Peterson, E., Khantha, C., Siriwong, C., Phanichphant, S. and Carroll, D.L., Flame-made niobium doped zinc oxide nanoparticles in bulk heterojunction solar cells, *Appl. Phys. Lett.*, 2010, **97**, 053302. .
2. **Kruefu, V.**, Khantha, C., Peterson, E., Carroll, D.L. and Phanichphant, S., Enhancement of the Efficiency of Polymer Solar Cells by Blending Nb/ZnO Nanoparticles into Poly(3-hexylthiophene):[6,6]-phenyl C<sub>61</sub>-butyric Acid Methyl Ester, *Mol. Cryst. Liq. Cryst.*, 2011, **538**, 15–19.
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**Conference papers/Presentations**

1. **Kruefu, V.**, Peterson, E., Khantha, C., Kielbasa, J., Phanichphant, S., Carroll, D.L., Flame-made niobium doped zinc oxide nanoparticles in bulk heterojunction solar cells, Poster presentation, Nanoconference Celebrating five year of exploration at the Wake Forest University for Nanotechnology and Molecular Science Materials, Winston-Salem, NC, USA, October 19, 2009.
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thick film-based NO<sub>2</sub> sensor, Poster presentation, Nanosensors for Industrial Application (NANOSENS 2010), Vienna, AUSTRIA, 2–3 December 2010.

5. Khantha, C., **Kruefu, V.**, Coffin, R.C., Phanichphant, S., Carroll, D.L., Improvement of Poly(3-Phenylthiophene)-Based Bulk Heterojunction Organic Solar Cells, Poster presentation Korea-Japan Forum 2010 on Organic Materials for Electronics and Photonics (KJF2010), Kitakyushu, JAPAN , 22–25 August, 2010.
6. **Kruefu, V.**, Khantha, C., Sriwichai, S., Phanichphant, S., Flame-made niobium doped zinc oxide nanoparticles in bulk heterojunction solar cell, Oral presentation, 1<sup>st</sup> Chiang Mai-Kyoto Symposium on Materials Science and Technology, Chiang Mai University, Chiang Mai, THAILAND, December 2–4, 2010.

