

APPENDICE D

PUBLICATIONS

บัณฑิตวิทยาลัย มหาวิทยาลัยราชภัฏสุพรรณบุรี

First Author

1. **Wanatchaporn Namhongsa**, Tosawat Seetawan, Pennapa Muthitamongkol and Chanchana Thanachayanont “Microstructure and Thermoelectric Properties of $\text{Na}_{0.5}\text{CoO}_2$ ” International Conference on Engineering, Applied Science, and Technology (ICEAST 2013). Advanced Materials Research Vol. 802 (2013) pp 218–222 (SJR 0.13)
2. **W. Namhongsa**, K. Singsoog, S. Paengson, P. Pilasuta, T. Seetawan, P. Muthitamongkol and C. Thanachayanont. “Effect of magnetic field on synthesis of NaCoO_2 ”. 3rd Southeast Asia Conference on Thermoelectrics 2014. 22–24 December 2014, Champasak Grand Hotel, Pakse, Laos PDR. Journal Integrated Ferroelectrics Vol 165:1 (2015) pp 81–85 (SJR 0.375)
3. **Wanatchaporn Namhongsa**, Kunchit Singsoog, Supasit Paengson, Panida Pilasuta, Meena Rittiruam, Arthorn Vora-ud, and Tosawat Seetawan “Thermal conductivity of GeTe simulated by molecular dynamics” Sakon Nakhon Rajabhat University International Conference 24 July, 2015, Sakon Nakhon, Thailand
4. **Wanatchaporn Namhongsa**, Meena Rittiruam, Kunchit Singsoog, Panida Pilasuta, Supasit Paengson, Surasuk Ruamruk and Tosawat Seetawan. “Thermoelectric Properties of GeTe and Sb_2Te_3 Calculated by Density Functional Theory” 4th Southeast Asia Conference on Thermoelectrics 2016. 15–18 December 2016, Sea Garden Hotel, Danang, Vietnam. Journal Materials Today (xx–xx) (In press).
5. **Namhongsa, W.**, Omoto, T., Fujii, Y., Seetawan, T., & Kosuga, A. (2017). Effect of the crystal structure on the electronic structure and electrical properties of thermoelectric $\text{GeSb}_6\text{Te}_{10}$ prepared by hot pressing. Scripta Materialia, 133, 96–100. Impact factor = 3.305

Co-Author

1. T. Seetawan, U. Seetawan, A. Ratchasin, S. Srichai, K. Singsoog, W. Namhongsa, C. Ruttanapun, and S. Siridejachai, Analysis of Thermoelectric Generator by Finite Element Method. *Procedia Engineering*. 32, 1006–1011, (2012). (SCOPUS)
2. Supasit Paengson, Kunchit Singsoog, Panida Pilasuta, Wanatchaporn Namhongsa, and Tosawat Seetawan, P–Ca₃Co₄O₉ Doped Ag and N–Ca_{0.97}Bi_{0.03}MnO₃ Materials for Thermoelectric Refrigerator. *J. Mater. Sci. Appl. Energ.* 4(1), 9–12, (2015).
3. Kunchit Singsoog, Supasit Paengson, Panida Pilasuta, Wanachaporn Namhongsa, Urai Seetawan, Pennapa Muthitamongkol, Chanchana Thanachayanont, and Tosawat Seetawan, Influence of Cu₂O Doping on Crystal Structure and Thermoelectric Properties of CaMnO₃. *J. Mater. Sci. Appl. Energ.* 4(1), 5–8, (2015).
4. Kunchit Singsoog, Panida Pilasuta, Supasit Paengson, Wanatchaporn Namhongsa, Chanchana Thanachayanont, Anek Charoenphakdee, Weerasak Charoenrat and Tosawat Seetawan, Enhancement of thermoelectric properties of Sr_{1-x}La_xTiO₃ (X=0, 0.08, 0.13). *Suranaree J. Sci. Technol.* 23(1), (2016), 31–35. (AGRIS, ACI)
5. Panida Pilasuta, Kunchit Singsoog, Supasit Paengson, Wanatchaporn Namhongsa, Ladapa Sripasuda, and Tosawat Seetawan, Enhancement of thermoelectric properties induced by Co in ZnO. *Suranaree J. Sci. Technol.* 23(1), (2016), 25–29. (AGRIS, ACI)
6. Panida Pilasuta, Kunchit Singsoog, Supasit Paengson, Wanatchaporn Namhongsa, Phanuwat Wongsangnoi, Wairut Impho, Suwipong Hemathulin, Sakorn

Inthachai and Tosawat Seetawan, Effect of dopant on thermal conductivity of ZnO. Suranaree J. Sci. Technol. 23(1), (2016) 11–15. (AGRIS, ACI)

บัณฑิตวิทยาลัย มหาวิทยาลัยราชภัฏสุรินทร์

APPENDICE E

A BRIEF HISTORY OF RESEARCHER

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