APPENDIX B
PUBLICATIONS

1. **Meena Rittiruam**, Tosawat Seetawan, Sirakan Yokhasing, Korakot Matarat, Phan Bach Thang, Manish Kumar, Jeon Han, "La/Sm/Er cation doping induced thermal properties of $SrTiO_3$." Inorganic Chemistry, 55, (2016) 8822–8826 **(ISI Web of Knowledge, Impact factor (2015/2016) = 4.820; Nature Index)**
2. **Meena Rittiruam**, Keerati Maneesai, Korakot Matarat, Athorn Vora–ud, Sirakan Yokhasing. "High temperature thermal properties of Magnesium Silicide investigated by molecular dynamics simulation." Journal of Materials Science and Applied Energy, 6(2), (2017) 160– 165 **(TCI 1)**
3. **Meena Rittiruam**, Suwipong Hemathulin, Sirakan Yokhasing, Korakot Matarat, Tosawat Seetawan, "First–principles calculation on electron transport properties of Ca–Si". Materials Today: Proceedings, 5(6) (2018) 14052–14056 **(SCOPUS)**
4. **Meena Rittiruam**, Anucha Yangthaisong, Tosawat Seetawan, "Enhancing the thermoelectric performance of self–defect TiNiSn: A first–principles calculation." Journal of Electronic Materials, 47(12) (2018) 7456–7462. **(ISI Web of Knowledge, Impact factor (2016/2017) = 1.566)**
5. **Meena Rittiruam**, Anucha Yangthaisong, Tosawat Seetawan, "Enhancing the thermoelectric properties of TiNiSn by transition metals co–doped on the Ti–site of $Ti_{0.5}TMI_{0.25}TMII_{0.25}NiSn$: A first–principles study." Journal of Applied Physics, 124(17) (2018) 175101. **(ISI Web of Knowledge, Impact factor (2016/2017) = 2.176)**
6. **Meena Rittiruam**, Anucha Yangthaisong, Tosawat Seetawan, "Reduced lattice thermal conductivity of Ti–site substituted transition metals $Ti_{1-X}TM_XNiSn$: A quasi–harmonic Debye model study." Chinese Journal of Physics, 57 (2019) 393–402 **(ISI Web of Knowledge, Impact factor (2016/2017) = 1.051)**
7. Sirakan Yokhasing, Kongphope Chaarmart, **Meena Rittiruam**, Korakot Matarat, Tosawat Seetawan, "Electronic structure and Seebeck coefficient of n–type Mg_2Si by molecular orbital calculation." Materials Today: Proceedings, 5(6) (2018) 14074–14078 **(SCPOUS)**
8. Wanatchaporn Namhongsa, **Meena Rittiruam**, Kunchit Singsoog, Panida Pilasuta, Supasit Paengson, Surasuk Ruamruk, Tosawat Seetawan, "Thermoelectric properties of GeTe and Sb_2Te_3 calculated by density functional theory." Materials Today: Proceedings, 5(6) (2018) 14131–14134 **(SCPOUS)**
9. S. Ruamruk, K. Singsoog, P. Pilasuta, S. Paengson, W. Namhongsa, **M. Rittiruam**, T. Seetawan, "Electronic structure and thermoelectric properties of $Bi_{2-x}Sb_xTe_3$(x = 0, 0.33, 0.67) by first principle calculation." Materials Today: Proceedings, 5(6) (2018) 14150–14154 **(SCPOUS)**