

Curriculum Vitae

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Education :

B. Sc. (Phys) Chiang Mai University (1973), Chiang Mai
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M. Sc. (Phys) Chiang Mai University (1978), Chiang Mai,
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Research Experience :

Electroceramics

International Publications

1. W. Makcharoen, J. Tontrakoon, G. Rujjanagul, D.P. Cann, and T. Tunkasiri, Effect of cesium and cerium substitution on the dielectric properties of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ ceramics, *Ceramics International*, 38S, S65-S68, (2012).
2. W. Makcharoen, J. Tontrakoon, G. Rujjanagul, T. Tunkasiri, The effect of GeO_2 and In_2O_3 doping on the dielectric properties of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ ceramics prepared via vibro-milling method, *Ferroelectrics*, 415, 113-121, (2011).
3. W. Makcharoen, J. Tontrakoon, P. Thavornytikarn, T. Tunkasiri, Dielectric properties of $\text{CaCu}_3\text{Ti}_{4-x}\text{Mn}_x\text{O}_{12}$ ceramics, *AIP Conference Proceedings*, 2009

4. S. Tangjuank, N. Insuk, V. Udeye, J. Tontrakoon, Chromium (III) sorption from aqueous solutions using activated carbon prepared from cashew nut shells, *International Journal of Physical Sciences* 2009
5. N. Sawangwan, J. Tontrakoon, S. Sirisoonthorn and T. Tunkasiri, Ferroelectricity of $(1-x)(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3-x\text{Ba}(\text{Ti}_{0.95}\text{Zr}_{0.05})\text{O}_3$ Solid Solution Ceramics, *Advanced Materials Research*, 55-57, 73-76, (2008).
6. W. Makcharoen, J. Tontrakoon, P. Thavornytikarn, D. P. Cann, T. Tunkasiri, Dielectric properties and microstructure of $\text{CaCu}_3\text{Ti}_{4-x}\text{Mn}_x\text{O}_{12}$ ceramics, *IEEE International Symposium on Applications of Ferroelectrics*, 2008, 1, 4693905
7. S. Thountom, G. Rujjanagul, J. Tontrakoon and T. Tunkasiri, Effect of Pre-heating Temperature on the Characteristics of Sol-gel Derived Lead Zirconate Titanate Films, *Surface Review and Letters*, 15(1&2), 65-70, (2008).
8. T. Tunkasiri, N. Tawichai, N. Raengthon, G. Satittada, and J. Tontrakoon, Preparation of Lanthanum-Doped $\text{Pb}(\text{Zr}, \text{Ti})\text{O}_3$ Ceramics, *Journal of Materials Science & Engineering*, 25(6), 899-901, (2007).
9. N. Sawangwan, J. Tontrakoon and T. Tunkasiri, Piezoelectric and Dielectric Properties of Ti Rich $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ - $\text{Ba}(\text{Ti}_{0.95}\text{Zr}_{0.05})\text{O}_3$ System, *Ferroelectrics*, 358, 96-100, (2007).
10. N. Sawangwan, J. Tontrakoon and T. Tunkasiri, Piezoelectric and Dielectric Properties of $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ - $\text{Ba}(\text{Ti}_{0.95}\text{Zr}_{0.05})\text{O}_3$ System, *Ferroelectrics*, 358, 101-106, (2007).
11. A. Munpakdee, K. Pengpat, J. Tontrakoon and T. Tunkasiri, The Study of Dielectric Diffuseness in the $\text{Ba}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - BaTiO_3 ceramic System, *Smart Materials and Structures*, 15, 1255-1259 (2006).
12. A. Munpakdee, J. Tontragoon, K. Siriwitayakorn and T. Tunkasiri, Dielectric properties of liquid phase sintered 0.98BaTiO_3 - $0.02\text{Ba}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ ceramics. *J. Mat. Sci. Lett.*, 40, 4675-4677 (2005).
13. A. Munpakdee, J. Tontrakoon, K. Siriwittayakorn, T. Tunkasiri, Effects of $\text{Ba}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ on microstructure and dielectric properties of Barium Titanate Ceramics. *J. Mat. Sci. Lett.*, 22, 1307, (2003).
14. T. Tunkasiri, J. Tontrakool, N. Sirikulrat and S. Thongtem, Investigation of Polycrystalline Cadmium Sulphide Potocells, *J. Sci. Soc.*, 9, 257, (1983).