

LIST OF PUBLICATIONS

- 1) C. Aramwit, S. Intarasiri, D. Bootkul, U. Tippawan, B. Supsermpol, N. Seanphinit, W. Ruangkul, L.D. Yu, "Synthesis and Characterization of Filtered-Cathodic-Vacuum-Arc-Deposited TiO₂ Films for Photovoltaic Applications," On-line Journal, IOP Publishing, Journal of Physics: Conference Series, 423, 2013, 012005. <http://iopscience.iop.org/1742-6596/423/1/012005>, 1st May 2014.
- 2) C. Aramwit, S. Intarasiri, D. Bootkul, U. Tippawan, B. Supsermpol, N. Seanphinit, W. Ruangkul, L.D. Yu, "Effects of Filtered Cathodic Vacuum Arc Deposition (FCVAD) Conditions on Photovoltaic TiO₂ films," On-line Journal, Applied Surface Science, xxx, 2014, xxx-xxx (Article in Press), <http://www.sciencedirect.com/science/article/pii/S0169433214001378>, 1st May 2014.
- 3) C. Aramwit, S. Intarasiri, D. Bootkul, U. Tippawan, B. Supsermpol, N. Seanphinit, L.D. Yu, "Synthesis and Characterization of Filtered-Cathodic-Vacuum-Arc-Deposited TiO₂ Films for Solar Cell Application," Proceeding, The 38th Congress on Science and Technology of Thailand (STT38), Chiang Mai, Thailand, 17th-19th October 2012. http://www.scisoc.or.th/stt38/proceedings38/pdf/d/STT38_D_D0045F.pdf, 1st May 2014.

- 4) C. Aramwit, S. Intarasiri, D. Bootkul, U. Tippawan, B. Supsermpol, N. Seanphinit, W. Ruangkul, L.D. Yu, "Oxygen Partial Pressure Effect on The Filtered Cathodic Vacuum Arc Deposited (FCVAD) TiO₂ Film Characteristics," Proceeding, International Conference on Surface Modification of Materials by Ion Beams (SMMIB-2013), Kusadasi, Turkey, 15th-20th September 2013, POS.56, pp. 196. http://cost-fp1006.fhsalzburg.ac.at/fileadmin/documents/Izmir_Turkey/ABSTRACT_BOOK_Izmir_TR.pdf, 1st May 2014.
- 5) D. Bootkul, S. Intarasiri, C. Aramwit, U. Tippawan, L.D. Yu, "Formation of thin DLC films on SiO₂/Si substrate using FCVAD technique," On-line Journal, Nuclear Instruments and Methods in Physics Research B, 307, 2013, 147–153. <http://www.sciencedirect.com/science/article/pii/S0168583X13003212>, 1st May 2014.
- 6) D. Bootkul, N. Seanphinit, B. Supsermpol, C. Aramwit, S. Intarasiri, "Nitrogen Doping for Adhesion Improvement of DLC Film Deposited on Si Substrate by Filtered Cathodic Vacuum Arc (FCVA) Technique," On-line Journal, Applied Surface Science, xxx, 2014, xxx–xxx (Article in Press). <http://www.sciencedirect.com/science/article/pii/S016943321400587X>, 1st May 2014.
- 7) D. Bootkul, N. Seanphinit, B. Supsermpol, C. Aramwit, S. Intarasiri, L.D. Yu, "Titanium Doped Diamond-Like Carbon Thin Film on Stainless Steels by FCVA Technique for Tribological Applications," Proceeding, International Conference on Surface Modification of Materials by Ion Beams (SMMIB-2013), Kusadasi, Turkey, 15th-20thSeptember 2013, OR.B7, pp.71. [http://cost-fp1006.fh-salzburg.ac.at/fileadmin/documents/Izmir_Turkey/ABSTRACT_BOOK_Izmir_T](http://cost-fp1006.fh-salzburg.ac.at/fileadmin/documents/Izmir_Turkey/ABSTRACT_BOOK_Izmir_TR.pdf)
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- 8) *D. Bootkul*, B. Supsermpol, N. Seanphinit, C. Aramwit, L.D. Yu, S. Intarasiri, “Adhesion Property Improvement of Double-Layer DLC Film with Nitrogen Doping on Si Wafer Using FCVA Technique,” Proceeding, International Conference on Surface Modification of Materials by Ion Beams (SMMIB-2013), Kusadasi, Turkey, 15th-20th September 2013, OR.C9, pp.116. http://cost-fp1006.fh-salzburg.ac.at/fileadmin/documents/Izmir__Turkey/ABSTRACT_BOOK_Izmir_TR.pdf, 1st May 2014.
- 9) *D. Bootkul*, N. Seanphinit, B. Supsermpol, C. Aramwit, S. Intarasiri, “Synthesis of Ti-Doped DLC Film on SS304 Steels by Filtered Cathodic Vacuum Arc (FCVA) Technique for Tribological Improvement,” On-line Journal, Applied Surface Science, xxx, 2014, xxx–xxx (Article in Press), <http://www.sciencedirect.com/science/article/pii/S0169433214008174>, 1st May 2014.
- 10) *B. Supsermpol*, *D. Bootkul*, S. Intarasiri, N. Seanphinit, C. Aramwit, L.D. Yu “Structure and Morphology of Diamond-Like Carbon Formed by The FCVA Technique,” Proceeding, The 38th Congress on Science and Technology of Thailand (STT38), Chiang Mai, Thailand, 17th-19th October 2012. http://www.scisoc.or.th/stt38/proceedings38/pdf/d/STT38_D_D0059F.pdf, 1st May 2014.
- 11) *N. Seanphinit*, *D. Bootkul*, S. Intarasiri, B. Supsermpol, C. Aramwit, L.D. Yu “Surface Analysis of Thin DLC Film on 304 Stainless Steel Deposited by FCVA Technique for Tribological Application,” Proceeding, The 38th Congress on Science and Technology of Thailand (STT38), Chiang Mai, Thailand, 17th-19th October 2012. http://www.scisoc.or.th/stt38/proceedings38/pdf/d/STT38_D_D0057F.pdf, 1st May 2014.

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