

破壞科學委員會委員資料表

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	現任單位 (全名)	龍華科技大學 工程技術研究所
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學 歷	國立清華大學動力機械博士 1981.09 - 1986.06 中正理工學院機械工程碩士 1973.09 - 1975.06 中正理工學院機械工程學士 1968.09 - 1972.06	
經 歷	龍華科技大學工學院院長 海軍官校輪機系教官 中山科學研究院副研究員 核能研究所副研究員 行政院原子能委員會簡任技正 兼科長	
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主要論著或專利	國際專業期刊論文五十餘篇、會 議論文二十餘篇	

PUBLICATIONS

(A)期刊論文

1. K. Ting, K.T. Chen, S. F. Cheng, W. S. Lin and C.R Chang, The Prediction of Skin Temperature Distribution in Cosmetic Laser Surgery, International Journal of Applied Physics, Vol. 47, No. 1A 361 – 367, (2008).(SCI)
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3. T.H. Ko , K. Ting and H.C. Yeh, Numerical investigation on flow fields in partially stenosed artery with complete bypass graft: An in vitro study, International Communications in Heat and Mass Transfer, Vol. 34,713-727, (2007) . (SCI)
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5. T.H.Ko , K. Ting and C.C. Yeh, Effect of spray angle on three-dimensional flow and deposition process in atmospheric plasma spray torch: a numerical study, Surface & Coatings Technology, Vol 200, 3376-3379, (2006). (SCI)
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7. T.H.Ko and K. Ting, Entropy generation and thermodynamic optimization of fully developed laminar convection in a helical coil, International Communications in Heat and Mass Transfer, Vol. 32, 214–223, (2005).(SCI Expanded)
8. J. L. Lee, C. M. Liu, K. Ting, W. K. Cheng, T. Tsuchida, K. Hiramatsu, S. Ono, and S. Teii, The Modification of Carbon Included Polyethylene Surface by Plasma Treatment for Metallizing Using a Low Pressure RF Discharge Plasma, Journal of Advanced Oxidation Technology, Vol.8, No.1, (2005) (SCI)
9. W. S. Yang, K. Ting and K. T. Chen, The application of the alternating method to the thermoelastic problems with multiple circular holes in infinite domain, Journal of Thermal Stresses, Vol. 27(7), 563-585, (2004) (SCI)
10. K. Ting and J. S. You, The experiences of non-code repairs for nuclear safety-related piping in Taiwan, Nuclear Engineering and Design, Vol. 214(1-2), 83-89 , (2002). (SCI)
11. K.T. Chen, K. Ting and W. S. Yang, Analyze the stress concentration of the irregular ligaments in an infinite domain containing a row of circular holes, An International Journal of Mechanics of Structures and Machines, Vol. 28(1), 65-84, (2000). (SCI)
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13. K. Ting, K. T. Chen and W.S. Yang, Stress analysis of the multiple circular holes with the rhombic array using alternating method, the International Journal of Pressure Vessels and Piping, Vol. 76, 503-514, (1999). (SCI)
14. K. Ting and Y.P. Ma, The evaluation of erosion/corrosion problems In Taiwan PWR carbon steel piping, Nuclear Engineering and Design, Vol.191, 231-243, (1999). (SCI)
15. K. Ting, The evaluation of IGSCC problems of stainless steel piping in Taiwan

- BWR-6 nuclear power plant, Nuclear Engineering and Design, Vol. 191,245-254, (1999). (SCI)
16. K. Ting, K. T. Chen and W.S. Yang, Boundary element alternating method applied to analyze the stress concentration problems of multiple elliptical holes in an infinite domain, Nuclear Engineering and Design, Vol. 187, 303-313, (1999). (SCI)
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 23. I.T. Hwang and K. Ting, Boundary element method for fluid-structure interactions problems in liquid storage tank, Journal of Pressure Vessel Technology, Vol. 111, 435-440, (1989). (SCI)
 24. W.H. Chen and K. Ting, Hybrid finite element analysis of transient thermoelastic fracture problems subjected to general heat transfer conditions, Computational Mechanics, 4, 1-10, (1989). (SCI)
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 26. W.H. Chen and K. Ting, Finite element analysis of mixed mode thermoelastic fracture problems, Nuclear Engineering and Design, 90, 55-65, (1985). (SCI)

(B)研討會論文

- 1.H.C.Wang, K. Ting, J.S. Chen, C.M.Liu and C. H.Chang, Nanomechanics Characterization of Diamond-Like Carbon with Different H₂ Concentration by MPCVD, the 25th National Conference on Mechanical Engineering, The Chinese Society of Mechanical Engineers, Paper E-03-13, Da-Yeh University, Taiwan, Nov. 21-22, (2008).
- 2.H.C.Wang, K. Ting, J.S. Chen, C.M.Liu and C. H.Chang, Surface Structure and Wettability of Diamond-Like Carbon(in Chinese), The 32nd National Conference on Theoretical and Applied Mechanics, N005, November 28-29, (2008).
- 3.K. Ting, H. C. Wang, J. S. Chen, C. M. Liu, T. L. Sung and Y. R. Hung, Characterization of Mechanical Properties of Diamond-Like Carbon on Different

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 5. L. Li, J. S. Chang, Z. Zhang, H. Ukai, S. Ono, Y. C. Hang, C. Y. Liao, P. W. Peng, C. Liu, K. Ting, S. Teii, and Yiping Guo, Fundamental Characteristics of Pulsed Arc Electrohydraulic Discharge System in a Sludge Water Treatment, The 5th Asia-Pacific International Symposium on the basics and Applications of Plasma Science and Technology, , Kaohsiung, Taiwan, December 10~12, A01, (2007)
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 9. K. Ting, Y.C. Li, S.F. Hwang, F.T. Chien, C.C. Chen, J.C. Kang, T.M. Kao and J.D. Lin, The Implementing of Risk-Informed Evaluation on In-Service Testing of MOVs and AOVs for Taiwan BWR type Nuclear Power Plant, Proceedings of The 6th Asian International Symposium on the Structural Integrity of Nuclear Components, V-D-1-V-D-9, Kenting, Taiwan, April 25-26, (2006) (ISBN 957-28434-7-8)
 10. K. Ting, K.T.Chen, S.F. Cheng, The prediction of skin temperature distribution in laser cosmetic surgery, the 2nd International Engineering Research Conference, (IERC 2006) at the University of San Carlos - Talamban Campus in Cebu City, Philippines, March 9 & 10, (2006).
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15. C. M. Liu, T. L. Sung, Y. C. Huang, C. C. Chan¹, K. Ting, S. Teii¹, Decomposition of Waste Plastics by RF Discharge H₂O Plasma, The 4th Asia-Pacific International Symposium on the basics and Applications of Plasma Science and Technology, Douliou, Yunlin, Taiwan, December 12~14, P.318~320, (2005).
 16. C. M. Liu, T. H. Ko, T. L. Sung, W. Y. Chang, C. C. Chan¹, K. Ting, S. Teii, Plasma Treatment of Polyethylene Surface by Using Atmospheric Pressure Corona Torch, The 4th Asia-Pacific International Symposium on the basics and Applications of Plasma Science and Technology, Douliou, Yunlin, Taiwan, December 12~14, P.321~323, (2005).
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 39. K. Ting and Y.P. Ma, The evaluation of erosion/corrosion problems In Taiwan PWR carbon steel piping, Proceeding of the 2nd International Workshop on the

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54. K. Ting, K.K. Chang and M.F. Yang, Analysis of mode-III crack problems by boundary element alternating method, Pressure Vessels & Piping Conference, Minneapolis, M.N., June 19-23, PVP-Vol. 280, Fatigue, Flaw Evaluation and Leak-Before-Break Assessments, ASME, 21-26, (1994).
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