

蔡秀芬 (Shiow-Fon Tsay)

一、榮譽與獎勵(Awards and Honors)

獎 項	
優良導師	八十學年度 理學院 優良導師(院推荐至校代表) 八十二學年度 理學院 優良導師 八十四學年度 中山大學 優良導師 八十六學年度 理學院 優良導師 八十六學年度 中山大學 優良導師
傑出教學	八十學年度 理學院 傑出教學 八十一學年度 理學院 傑出教學 八十六學年度 理學院 傑出教學
國科會獎助	七十九學年度 國科會國內學人新任教學研究獎助 八十學年度 國科會甲等研究獎助 八十一學年度 國科會甲等研究獎助 八十二學年度 國科會甲等研究獎助 八十三學年度 國科會甲等研究獎助 八十四學年度 國科會甲等研究獎助 八十六學年度 國科會甲等研究獎助 八十七學年度 國科會甲等研究獎助 八十八學年度 國科會甲等研究獎助 八十九學年度 國科會甲等研究獎助 91-105 年度 國科會計畫獲主持人費
其他榮譽	<ol style="list-style-type: none"> 1. 中華民國斐陶斐(<i>Phi Tau Phi</i>)榮譽學會榮譽會員(1980) 2. 國立中山大學理學院第一屆新人獎 (1992) 3. Who's Who in the World (1997-) 4. The Who's Who Medal: The Leaders for the New Century (2000) 5. Who's Who in Science and Engineering (7th edition 2003-) 6. Who's who in Asia (1st ed., 2007) 7. 2017 Albert Nelson Marquis Lifetime Achievement Award Winner 8. 教育部學生事務與輔導工作特殊貢獻人員(2005) 2005 Outstanding Contribution Award on Student Affair and Counseling granted by the Ministry of Education, Taiwan, R. O. C. 9. 教育部與所屬機關學校優秀公務人員及教育人員(2012/6) The Distinguished Educator Award granted by the Ministry of Education, R.O.C. (2012) 10. 教育部師鐸獎(2017) 2017 Excellent Teacher Award granted by the Ministry of Education, Taiwan R.O.C. (2017)

二、 Research Projects: (82~105學年度)

學年度	研究計畫名稱	計畫經費	補助單位
82	鈮銀銅氧系統在不同氧含量或壓力效應下產生的電荷轉移誘導出的電漿子媒介成對機制的研究	406,000	國科會
83	以分子動力學模擬 Ga 的相變及探討其結構異常的研究	425,200	國科會
84	以分子動力學模擬計算探討液態金屬結構異常現象的研究(I)	603,700	國科會
85	以分子動力學模擬計算探討液態金屬結構異常現象的研究(II)	603,700	國科會
86	量子井及超晶格在磁場中的能帶效應	375,000	國科會
87	量子井及超晶格在磁場中的能帶效應	355,100	國科會
88	以分子動力學研究在矽(111)表面上的鎵聚合體結構 NSC 88-2112-M-110-011	1,730,500	國科會
89	以分子動力學研究在矽(111)表面上的鎵聚合體結構(II) NSC 89-2112-M-110-010	1,175,550	國科會
89	以分子動力學研究在矽(111)表面上的鎵聚合體結構(III) NSC 89-2112-M-110-035	1,304,000	國科會
90	以分子動力學研究吸附於鍺(111)表面的錫隨溫度的相變化 NSC 90-2112-M-110-016	397,400	國科會
91	吸附於矽(111)之銻的表面結構及其隨溫度的相變化(1/2) NSC 91-2112-M-110-011	999,100	國科會
92	吸附於矽(111)之銻的表面結構及其隨溫度的相變化(2/2) NSC 92-2112-M-110-006	491,500	國科會
93	吸附在矽(111)表面上的鹼金屬或鹼土金屬原子之表面原子結構與電子結構特性之研究(1/2) NSC 93-2112-M-110-014-	1,070,400	國科會
94	吸附在矽(111)表面上的鹼金屬或鹼土金屬原子之表面原子結構與電子結構特性之研究(2/2) NSC94-2112-M-110-003	415,000	國科會
95	HCl分子於Si(001)表面的吸附物理機制研究(1/3) NSC 95-2112-M-110-016-MY3	880,000	國科會
96	HCl分子於Si(001)表面的吸附物理機制研究(2/3)	765,000	國科會
97	HCl分子於Si(001)表面的吸附物理機制研究(3/3)	696,000	國科會
98	鍺(001)面的一維原子鍊之原子結構與電子結構特性研究 (1/3) NSC 98-2112-M-110-004-MY3	960,000	國科會
99	鍺(001)面的一維原子鍊之原子結構與電子結構特性研究 (2/3)	592,000	國科會
100-101	鍺(001)面的一維原子鍊之原子結構與電子結構特性研究 (3/3)	592,000	國科會
101	一維奈米鍊在金/鍺(001)表面之原子結構與電子結構特性研究 NSC 101-2112-M-110-005-	478,000	國科會
102	以第一原理模擬計算研究佈置於半導體表面之鈣鈦礦結構高介電材料其介面物理特性(1/3)	738,000	國科會
102	國家理論科學研究中心總計劃一 國家理論科學研究中心子計畫二(5/6) NSC103-2119-M-006 -001 -	6,906,800 共同主持人	國科會 2013/1/1~ 2014/3/31
103	國家理論科學研究中心總計劃一 國家理論科學研究中心子計畫二(6/6) NSC102-2119-M-006 -001 -	6,605,100 共同主持人	國科會 2014/1/1~ 2014/12/31
103	以第一原理模擬計算研究佈置於半導體表面之鈣鈦礦結構高介電材料其介面物理特性(2/3)	565,000	國科會
104-105	以第一原理模擬計算研究佈置於半導體表面之鈣鈦礦結構高介電材料其介面物理特性(3/3)	565,000	國科會

三、著作目錄:

(一) Refereed Papers:

- *Shiow-Fon Tsay* and Shou-Yih Wang, 1987, "Calculation of Intersubband Resonance in an Inversion Layer on P-type Si (100) Induced by a Grating Coupler", *Physica* **145B**, 29-38.
- *Shiow-Fon Tsay*, Shou-Yih Wang, Lance Horng and T. J. Watson Yang, 1989, "Correlations among c/b , T_c , and Madelung potentials in the system of $R\text{Ba}_2\text{Cu}_3\text{O}_7$ Superconductors", *Physical Review B-Rapid Communications* **40**, 9408.
- T. J. Watson Yang, *Shiow-Fon Tsay* and Shou-Yih Wang, 1990, "On the role of Cu-O chains in $R\text{Ba}_2\text{Cu}_3\text{O}_7$ system from the Plasmon-Mediated Mechanism ", *Physica B* **165&166**, 1049.
- *Shiow-Fon Tsay*, Shou-Yih Wang and T. J. Watson Yang, 1990, "The Mechanism of Chains in Producing Acoustic Plasmons in Systems Composed of Cu-O₂ layer and Cu-O chains", *Physics Letters A* **151**, 436.
- *Shiow-Fon Tsay*, Shou-Yih Wang and T. J. Watson Yang, 1991, "Plasmon modes in a system composed of Cu-O layers and chains", *Phys. Rev. B* **43**, 13080.
- T. J. Watson Yang, *Shiow-Fon Tsay* and Shou-Yih Wang, 1991, "The Coupling Nature of Plasmon Modes Among Different Layers in a System Composed of CuO_2 Layers and CuO Chains", *Physica C* **185**, 1561.
- *Shiow-Fon Tsay*, Shou-Yih Wang and T. J. Watson Yang, 1992, "The dispersion relations of plasmons in a simplified system of Cu-O layers and chains with the long range effect of all-neighbors Coulombic interactions taken into consideration", *Z. Phys. B-Condensed Matter* **88**, 255. (Times Cited: 1)
- *Shiow-Fon Tsay*, 1993, "Structure of rapidly quenched Ga metal", *Phys. Rev. B* **48**, 5945.
- *Shiow-Fon Tsay*, Shou-Yih Wang and T. J. Watson Yang, 1994, "Density of States of Plasmons and Some Discussion of T_c for a simplified system Composed of Cu-O Layers and Chains", *Prec. Natl. Sci. Council. ROC(A)* **18**, 2, 186.
- *Shiow-Fon Tsay*, 1994, "Plasmon Densities of States in a $\text{YBa}_2\text{Cu}_3\text{O}_y$ System", *Solid State Communications* **90**, 379.
- *Shiow-Fon Tsay*, 1994, "Relation between the β and rapidly-quenched liquid phases of gallium", *Phys. Rev. B* **50**, 103.
- *Shiow-Fon Tsay* and S. Wang, 1994, "Anomalies in the liquid structure of Ga metal", *Phys. Rev. B* **50**, 108.
- *Shiow-Fon Tsay* and C. F. Liu, 1994, "System-size effects in the molecular-dynamics simulation of metallic crystallization", *Physics Letters A* **192**, 374.
- *Shiow-Fon Tsay*, C. F. Liu and S. Wang, 1995, "Molecular-dynamics simulations on supercooled metallic liquids II: System size and pressure effects" *Chinese Journal of Physics* **33**, 75.
- H. Chou, T. C. Chow, *S. F. Tsay* and H. S. Chen, 1995, "Concentration Dependent Diffusivity

of Oxygen in Ba_xCu_{1-x} liquid Alloy", *J. Electrochem. Society* **142**, 1814.

- Ikai Lo, M. J. Kao, W. C. Hsu, K. K. Kuo, Y. C. Chang, H. M. Weng, J. C. Chiang, and **S. F. Tsay**, 1996, "Photoinduced electron coupling in \square -doped GaAs/In_{0.18}Ga_{0.82}As quantum wells", *Phys. Rev. B* **54**, 4774.
- Jih-Chen Chiang, **Shiow-Fon Tsay**, Z. M. Chau, Ikai Lo, 1996, "Conduction-valence Landau level mixing effect", *Phys. Rev. Lett.* **77**, 2053.
- Ten-Ming Wu, **Shiow-Fon Tsay**, 1996, "Instantaneous Normal Mode Analysis of Liquid Na", *J. Chem. Phys.* **105**, 9281.
- Ikai Lo, Jih-Chen Chiang, **Shiow-Fon Tsay**, W. C. Mitchel, M. Ahoujja, R. Kaspi, S. Elhamri, and R. S. Newrock, 1997, "Effect of well thickness on the two-dimensional electron-hole system in Al_xGa_{1-x}Sb/InAs quantum wells", *Phys. Rev. B* **55**, 13677.
- Ten-Ming Wu and **Shiow-Fon Tsay**, 1997, "Localized Instantaneous Normal Modes in Liquid Na", *Progress Theoretical Physics Supplement* **126**, 343.
- **Shiow-Fon Tsay**, Jih-Chen Chiang, Z. M. Chau, Ikai Lo, 1997, "**k**•**p** finite difference method: a study of the band structures and cyclotron resonances of Al_xGa_{1-x}Sb/InAs Quantum Wells", *Phys. Rev. B* **56** 13242-13251
- Jih-Chen Chiang, **Shiow-Fon Tsay**, Z. M. Chau, Ikai Lo, 1998, Comment on "Conduction-valence Landau level mixing effect"- Reply, *Phys. Rev. Lett* **80**, 2497.
- Wen-Jong Ma and **Shiow-Fon Tsay**, 1998, "Short range Ordering in the Supercooled States of a Dimer System", *Phys. Rev. E* **57** 4165.
- Ten-Ming Wu, Wen-Jong Ma and **Shiow-Fon Tsay**, 1998, "Potential Effects on Instantaneous Normal Modes of Liquids", *Physica A* **253**, 257.
- Ten-Ming Wu, **Shiow-Fon Tsay**, 1998, "Instantaneous Normal Modes of Na in Supercooled Liquid and Glassy states", *Phys. Rev. B* **58**, 27.
- **Shiow-Fon Tsay**, M.-H. Tsai, M. Y. Lai and Y. L. Wang, 2000, "The structural properties of Ga clusters on Si (111)", *Phys. Rev. B* **61**, 2699.
- Ten-Ming Wu, **Shiow-Fon Tsay**, S. L. Chang and Wen-Jong Ma, 2001, "Instantaneous Resonant Modes in High-Temperature Gallium Liquids", *Phys. Rev. B* **64**, 064204.
- Ikai Lo, **Shiow-Fon Tsay**, Jih-Chen Chiang, Y. C. Chang, and Li-Wei Tu, 2001, "Hybridization of two-dimensional electron-hole system in InAs/GaSb Quantum Wells", *Chinese Journal of Physics* **39**, L387.
- Ten-Ming Wu, Wen-Jong Ma, S. L. Chang and **Shiow-Fon Tsay**, 2002, "Local geometric structures of instantaneous resonant modes in Ga Liquids", *Physica B* **316-317**, 606.
- **Shiow-Fon Tsay**, 2005, "Atomic and electronic structures of the (4×1)- and (8×2)-In/Si (111) surfaces", *Phys. Rev. B* **71**, 035207.
- Ikai Lo, W. T. Wang, M. H. Gau, **S. F. Tsay**, and J. C. Chiang, 2005, "Wurtzite structure Effects on Spin Splitting in GaN/AlN Quantum Wells", *Phys. Rev. B* **72**, 245329.
- Ikai Lo, W. T. Wang, M. H. Gau, J. K. Tsai, **S. F. Tsay**, and J. C. Chiang, 2006, "Gate-Controlled Spin Splitting in GaN/AlN Quantum Wells", *Appl. Phys. Lett.* **88**, 082108. (has been selected for the March 6, 2006 issue of Virtual Journal of Nanoscale Science & Technology.)
- Ten-Ming Wu, S. L. Chang and **Shiow-Fon Tsay**, K. H. Tsai, 2006, "Simulation for the time evolution of instantaneous resonant modes: Creation, annihilation and mode exchange",

Journal of Non-crystalline solids **352**, 4615-4618

- K. H. Tsai, Ten-Ming Wu, and *Shiow-Fon Tsay*, T. J. Yang, 2007, "Dynamic structure factor of liquid Ga close to the melting point: Spectral linewidth at high momentum transfers", *Journal of Physics: condensed Matter*. **19**, 205141.
- M.-F. Hsieh, and D.-S. Lin and *Shiow-Fon Tsay*, 2007, "Correlation of Reaction Sites during the Chlorine Extraction by Hydrogen-atom from Cl/Si(100)-2×1", *Journal Chem. Phys.* **127**, 034708.
- Chung-Yuan Ren, *Shiow-Fon Tsay* and Feng-Chuan Chuang, 2007, "First-principles study of the atomic and electronic structure of the Si(111)-(5×2)-Au surface reconstruction", *Phys. Rev. B* **76**, 075414.
- Wan-Tsang Wang, C. L. Wu, *S. F. Tsay*, M. H. Gau, Ikai Lo, H. F. Kao, D. J. Jang, and Jih-Chen Chiang, Meng-En Lee, Yia-Chung Chang, Chun-Nan Chen, H. C. Hsueh, 2007, "Dresselhaus effect in bulk wurtzite structures", *Appl. Phys. Lett.* **91**, 082110.
- *Shiow-Fon Tsay*, J.Y. Chung, M.-F. Hsieh, S.-S. Ferng, C.-T. Lou, D.-S. Lin, 2009, Growth mode and novel structure of ultra-thin KCl layers on the Si(100)-2×1 surface, *Surface Science* **603**, 419.
- *Shiow-Fon Tsay* and D.-S. Lin, 2009, 'Atomic and electronic structures of thin NaCl films grown on a Ge(001) surface', *Surface Science* **603**, 2102
- Ming-Feng Hsieh, Deng-Sung Lin and *Shiow-Fon Tsay*, 2009, "Possibility of direct exchange diffusion of hydrogen on the Cl/Si(100)-2×1 surface", *Phys. Rev. B* **80**, 045304.
- K. H. Tsai, Ten-Ming Wu, and *Shiow-Fon Tsay*, 2010, "Revisiting anomalous structures in liquid Ga", *Journal Chem. Phys.* **132**, 034502.
- Chieh-Lung Wu, *Shiow-Fon Tsay*, Wan-Tsang Wang, Ming-Hong Gau, Jih-Chen Chiang, Ikai Lo, Hsiu-Fen Kao, Yu-Chi Hsu, Der-Jun Jang, Meng-En Lee, and Chun-Nan Chen, 2010, "Crystal-field and Strain Effects on Minimum-spin-splitting Surfaces in Bulk Wurtzite Materials", *Journal of the Physical Society of Japan*, **79**, 093705.
- *Shiow-Fon Tsay*, 2012, "Pt-chain induced formation of Ge nanowires on the Ge(001) surface", *Surface Science* **606**, 1405.
- Chan-Yuen Chang, Hong-Dao Li, *Shiow-Fon Tsay*, Shih-Hsin Chang, and Deng-Sung Lin, 2012, "Atomic and Electronic Processes During the Formation of an Ionic NaCl Monolayer on a Covalent Si(100) Surface", *The Journal of Physical Chemistry C* **116**, 11526-11538.
- *Shiow-Fon Tsay*, 2016, "Au-induced Deep Groove Nanowire Structure on the Ge(001) Surface: DFT Calculations", *Surface Science* **651**, 164.
- *Shiow-Fon Tsay*, 2016, "Gold deposited on a Ge(001) Surface: DFT Calculations", *Journal of Physics: Condensed matter* **28**, 435001.

(二) Conference Papers:

- *Shiow-Fon Tsay*, Shou-Yih Wang and T. W. Nee, "Intersubband Resonance in the Inversion Layers of P-Si (100) Induced by Periodically Structure Gates", 1983 Annual Meeting of the Physical Society of the Republic of China, conference proceedings p. 16 (Feb. 27 1983).
- *Shiow-Fon Tsay*, Shou-Yih Wang, Lance Horng and T. J. Watson Yang, "The c/b ratio and T_c in the system of YBaCuO Superconductors", 1989 Annual Meeting of the Physical Society of

the Republic of China, Physics Proceedings p. 580 (Feb. 1989).

- T. J. Watson Yang, *Shiow-Fon Tsay* and Shou-Yih Wang, "Interplay between Charge Transfer and Coulomb Interaction in $(RE)Ba_2Cu_3O_{7-x}$ Superconductors: Among c/b , Madelung Energy and T_c correlation", presented in Taiwan International Symposium on Superconductivity (April 17-19, 1989, Hsinchu).
- T. J. Watson Yang, *Shiow-Fon Tsay* and Shou-Yih Wang, "On the role of the CuO Chain in $YBa_2Cu_3O_{7-x}$ From the Viewpoint of Plasmon Mediated Mechanism", 1990 Symposium on Statistical Physics and Many Particle Physics (Jan. 11-13, 1990, Hsinchu).
- *Shiow-Fon Tsay*, Shou-Yih Wang and T. J. Watson Yang, "Dispersion relation and the role of chains in a simplified system of $YBaCuO$ superconductors", 1990 Annual Meeting of the Physical Society of the Republic of China, Physics Proceedings P.556 (Jan. 21, 1990, Hsinchu).
- *Shiow-Fon Tsay*, Shou-Yih Wang and T. J. Watson Yang, "A general derivation of the plasmon dispersion relations for a system composed of many Cu-O₂ layers and Cu-O chains", 1990 National Meeting on High-Temperature Superconductivity (June 25-27 1990, Kaohsiung).
- T. J. Watson Yang, *Shiow-Fon Tsay* and Shou-Yih Wang, "Collective Modes in a System Composed of Cu-O Chains and Layers", Proceeding of the 7-th ROK-ROC Symposium on Condensed Matter Physics (Jan. 23, 1991, Korea).
- *Shiow-Fon Tsay*, Shou-Yih Wang and T. J. Watson Yang, "Various Plasmon Modes and Their Density of States in Systems Composed of Cu-O₂ Layers and Cu-O Chain", 1991 Annual Meeting of the Physical Society of the Republic of China (Feb. 5-6, 1991, Taipei) Physics Proceedings p.100 .
- *Shiow-Fon Tsay*, Shou-Yih Wang and T. J. Watson Yang, "Collective Modes in a System Composed of CuO₂ Layers and Cu-O Chains", 1991 Taiwan International Workshop on High- T_c Superconductors, (July 28-31, 1991, Taiwan), Physics **13**, no.4, 498.
- *Shiow-Fon Tsay*, Shou-Yih Wang and T. J. Watson Yang, "The Density of States of Plasmon for a Simplified System Composed of CuO₂ Layers and Cu-O Chains", 1992 Annual Meeting of the Physical Society of the Republic of China, (Jan. 24-25, 1992).
- *Shiow-Fon Tsay*, Shou-Yih Wang and T. J. Watson Yang, "Plasmon Mechanism for a Simplified System Composed of CuO₂ Layers and Cu-O Chains", 1992 Symposium on Statistical mechanics and Condensed Matter theory (Feb. 18-20, 1992).
- *Shiow-Fon Tsay*, "Molecular-dynamics study of phase transitions for gallium", 1993 Annual Meeting of the Physical Society of the Republic of China, (Feb. 2-5, 1993).
- Yu-Chang Chen, *Shiow-Fon Tsay* and S. Wang, "Electronic partial localization effects on the structure of expanded liquid metals", 1994 Annual Meeting of the Physical Society of the Republic of China, (Feb. 1-2, 1994).
- *Shiow-Fon Tsay*, C. F. Liu and S. Wang, "System-size effects in molecular-dynamics simulations on supercooled metallic liquids", 1994 Symposium on High-Performance Computing Application (April 21-22, 1994).
- *Shiow-Fon Tsay*, "Molecular dynamics study of the structure of expanded liquid Cs", 1995 Annual Meeting of the Physical Society of the Republic of China, (Jan. 19-20, 1995).
- Ten-Ming Wu and *Shiow-Fon Tsay*, "Localized Instantaneous Normal Modes in Liquid Na", Yukawa International Seminar 1996-Daynamics of Glass Transition and Related Topics (Nov.

12-15, 1996, Kyoto, Japan).

- Ikai Lo, Y. C. Chang, H. M. Weng, J. -C. Chiang, **S. -F. Tsay** and W. C. Mitchel, R. Kaspi, “A study of titled magnetic field on the two dimensional electron-hole system in AlGaSb/InAs quantum wells”, 1997 Annual Meeting of the Physical Society of the Republic of China, (Jan. 28-29, 1997).
- Ten-Ming Wu, Wen-Jong Ma and **Shiow-Fon Tsay**, “Potential Effects on Instantaneous Normal Modes of Liquids”, StatPhys-Taipei-1997 (3-11 August 1997).
- **Shiow-Fon Tsay**, M.-H. Tsai, M. Y. Lai and Y. L. Wang, “Two dimensional clusters on Si(111) surface”, 第一屆海峽兩岸物理與材料科學研究推動研討會, (Feb. 3-4, 1999, Taipei).
- Ten-Ming Wu, Wen-Jong Ma, S. L. Chang and **Shiow-Fon Tsay**, 2001, “Local geometric structures of instantaneous resonant modes in Ga Liquids”, Phonon 2001 (July, 2001).
- **Shiow-Fon Tsay**, “Electronic Properties of (4×1)- and (8×2)-In/Si(111) surface”, The 6th Asian Workshop on First-Principles Electronic Structure Calculations, Tsukuba, Japan (November 10-12, 2003).
- **Shiow-Fon Tsay**, “The atomic and electronic structures of the In adatoms on the Si(111) surfaces”, 5th Workshop on First-Principles Computational Materials Physics, at Howard Shihmen Dam (June 23-25, 2004)
- **Shiow-Fon Tsay**, “The atomic and electronic structures of the In adatoms on the Si(111) surfaces”, 高速電腦中心用戶研討會 (Oct.1, 2004)
- **Shiow-Fon Tsay**, “The atomic and electronic structures of the In adatoms on the Si(111) surfaces”, 1st Cross-Strait Workshop on First-Principles Computational Materials Physics, at Taiwan University (Oct. 31, 2004)
- **Shiow-Fon Tsay**, “Structural Stability of the Na and Al Adsorbates on the In/Si (111) Surface”, The 8th Asian Workshop on First-Principles Electronic Structure Calculations, Shanhan, China (Oct.31~Nov. 2, 2005).
- **Shiow-Fon Tsay**, “Metal-semiconductor transitions induced by adsorption of Na on the Si(100)-2x2 surface”, The 9th Asian Workshop on First-Principles Electronic Structure Calculations, Korea (Nov. 6-8, 2006).
- **Shiow-Fon Tsay and D. S. Lin**, “c(4x4) CsCl-type atomic reconstruction structure for 1.0ML KCl adsorbed on Si(001) surface”, The 10th Asian Workshop on First-Principles Electronic Structure Calculations, Hiroshima, Japan (Dec. 28-31, 2007)
- **Shiow-Fon Tsay**, J. Y. Chung, M.-F. Hsieh, S.-S. Ferng, C.-T. Lou, D.-S. Lin, ”Growth mode and novel structure of ultra-thin KCl layers on the Si(100)-2x1 surface”, 2009 Annual Meeting of the Physical Society of the Republic of China (Jan.19~21, 2009)
- K. H. Tsai, Ten-Ming Wu, and **Shiow-Fon Tsay**, “Revisiting anomalous structures in liquid Ga”, 2010 Annual Meeting of the Physical Society of the Republic of China, (Feb. 2-4, 2010).
- Ten-Ming Wu, K. H. Tsai, and **Shiow-Fon Tsay**, “Revisiting anomalous structures in liquid Ga”, The 14th Asian Workshop on First-Principles Electronic Structure Calculations, The University of Tokyo, Japan (Oct. 31-Nov.2, 2011)
- **Shiow-Fon Tsay**, “Pt induced nanowires on Ge(001) surface”, The 14th Asian Workshop on First-Principles Electronic Structure Calculations”, The University of Tokyo, Japan (Oct. 31-Nov.2, 2011)
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- (註：網氏電子報工作群：主婦聯盟環境保護基金會、主婦聯盟生活消費合作社、北市女權會、勵馨基金會、觀音線協會、上班族協會、婦女權益促進發展基金會、高市婦女新知、開拓文教基金會、婦女新知基金會、行政院婦女權益促進委員會)。
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