

期刊論文清單

N O.	論文名稱	年份	作者	使用核心 設施老師	期刊(年份)	卷次/期次/頁次	SCI	儀器
1	Dependence of surface atomic arrangement of titanium dioxide on metallic nanowire nucleation by thermally assisted photoreduction	2010	Tung HT (Tung, Hsien-Tse) ¹ , Song JM (Song, Jenn-Ming), Feng SW (Feng, Shih-Wei), Kuo CS (Kuo, Changshu), Chen IG (Chen, In-Gann)	宋振銘	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Volume: 12 Issue: 3 Pages:740-744	4.116	TEM
2	Synthesis And Characterization Of [pb{se2p(oipr)2}2]n Pseudo Polymorphs: Polymeric, Single Source Precursor Enabling Preparation Of Shape-controlled Lead Selenide Structure	2010	Chang WS, Lin YF, Sarkar B, Chang YM, Liu LK, Liu CW	劉鎮維	Dalton Transactions	Volume: 39 Issue: 11 Pages:2821-2830	4.081	FE-SEM

<p>3 Constructions of silver nanowires and copper oxide microrings by a surface-formation technique</p>	<p>MAR -1, 2010</p>	<p>Dong TY (Dong, Teng-Yuan)1, Chen CN (Chen, Chen-Ni)1, Wang CW (Wang, Ching-Wen)1, Chen WT (Chen, Wei-Ting)1, Chen CP (Chen, Chiao-Pei)1, Lin SF (Lin, Shli-Fan)1, Hsieh S (Hsieh, Shuchen)1, Hsieh CW (Hsieh, Chiung-Wen)1, Song JM (Song, Jenn-Ming)2, Chen IG (Chen, In-Gann)3, Tung HT (Tung, Hsien-Tse)3, Kao TH (Kao, Tzu-Hsuan)3</p>	<p>宋振銘</p>	<p>JOURNAL OF COLLOID AND INTERFACE SCIENCE</p>	<p>Volume: 343</p>	<p>3.019</p>	<p>XPS</p>
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4	Vertex and Edge Truncated Octahedron Gold Crystals. N-alkylimidazole and Silver(I) Ion Controlled Morphology Transformation	MAY 3 2010	S. J. Hsu, Padi Y. S. Su, L. Y. Jian, A. H. H. Chang, and Ivan J. B. Lin	張秀華 林志彪	INORGANIC CHEMISTRY	Volume: 49 Issue: 9 Pages:4149-4155	4.657	FE-SEM
5	Anode growth of DSSCs by flat-flame chemical vapor deposition method	MAR 15 2010	Chen YJ (Chen, Y. J.) ^{1,2} , Lo YS (Lo, Y. S.) ³ , Huang CH (Huang, C. H.) ² , Cai YC (Cai, Y. C.) ¹ , Hsu MC (Hsu, M. C.) ¹	陳怡嘉 羅又旭 黃家華	MATERIALS CHEMISTRY AND PHYSICS	Volume: 120 Issue: 1 Pages: 181-186	2.015	FE-SEM
6	The stability of the CNT/Ni field emission cathode fabricated by the composite plating method	FEB-MAR 2010	Huang BR (Huang, Bohr-Ran) ^{2,3} , Lin TC (Lin, Tzu-Ching) ³ , Yang YK (Yang, Ying-Kan) ³ , Tzeng SD (Tzeng, Shien-Der) ¹	曾賢德	DIAMOND AND RELATED MATERIALS	Volume: 19 Issue: 2-3 Pages: 158-161	1.822	FE-SEM
7	In Situ Confocal Raman Mapping Study of a Single Ti-Assisted ZnO Nanowire	Mar-20 10	A. C. Gandhi, H. -J. Hung, P. -H. Shih, C. -L. Cheng, Y. -R. Ma, and S. Y. Wu	吳勝允	Nanoscale Research Letters (2010)	5(3): 581–586	2.894	Raman
8	Photoluminescence properties of a single tapered CuO nanowire	MAR 15 2010	C.-Y. Huang, A. Chatterjee, S.B. Liu, S.Y. Wu and C.-L. Cheng	吳勝允	Applied Surface Science (2010)	Volume 256, Issue 11, Pages 3688-3692	1.616	Raman

9	金奈米粒子的表面電漿共振特性：耦合、應用與樣品製作	2010 年 4 月			物理雙月刊	第 32 卷第 2 期， 126-135 頁		
10	Time-dependent deformation behavior of interfacial intermetallic compound layers in electronic solder joints	Apr-2010	Jenn-Ming Song, Chien-Wei Su, Yi-Shao Lai, Ying-Ta Chiu	宋振銘	JOURNAL OF MATERIALS RESEARCH	Volume: 25 Issue: 4 Pages: 629-632	1.667	Nano-indenter
11	Bactericidal Performance of Visible-Light Responsive Titania Photocatalyst with Silver Nanostructures	APR 29 2010	Ming-Show Wong, Der-Shan Sun, Hsin-Hou Chang	翁明壽	PLoS ONE (2010)	Volume: 5 Issue: 4 Article Number:e10394	4.351	FE-SEM
12	Variation of Mechanical Property and Microstructure across Sn Solder Joint in Cu/Sn/Ni Structure	Jun-2010	C. Y. Liu, H. W. Tseng, and J. M. Song	宋振銘	ELECTROCHEMICAL AND SOLID STATE LETTERS	Volume: 13 Issue: 9 Pages: 11298-11300	1.837	SEM
13	Size-Effect Induced Short-Range Magnetic Ordering in Germanium Nanostructures	Jul-2010	Huang, Y.L., Wang, H.L., Chan, K.C., Wu, S.Y., Wong, M.S., Yeh, S.F., Lin, C.I.	吳勝允	Journal of Nanoscience and Nanotechnology (2010)	Volume 10, Number 7, pp. 4629-4634 (6)	1.435	FE-SEM, Raman
14	Thermoreflectance characterization of beta-Ga2O3 thin-film nanostrips	AUG 2 2010	Ching-Hwa Ho, Chiao-Yeh Tseng and Li-Chia Tien	田禮嘉	Optics Express (2010)	Vol. 18, Issue 16, pp. 16360-16369	3.278	FE-SEM

15	Identification of carbon sensitization for the visible-light photocatalytic titanium oxide	JUL-AUG 2010	Chen, Y. J.; Jhan, G. Y.; Cai, G. L.; Lin, C. S.; Wong, M. S.; Ke, S.-C.; Lo, H. H.; Cheng, C. L.; Shyue, J.-J.	陳怡嘉	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	Volume: 28 Issue: 4 Pages: 779-782	1.297	XPS
16	Electrochemical corrosion behaviour of Bi-11Ag alloy for electronic packaging applications	Jul-2010	Jenn-Ming Song, Chi-Hang Tsai and Yen-Pei Fu	宋振銘	Corrosion science	Volume: 52 Issue: 7 Pages: 2519-2524	2.316	XPS
17	Local Modification of Self-Assembled Monolayers by a Photocatalytic Probe	JUL 2010	Tzeng SD (Tzeng, Shien-Der) ² , Chiang CH (Chiang, Chun-Huang) ¹ , Chien FSS (Chien, Forest S.-S.) ¹	曾賢德	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	Volume: 10 Issue: 7 Pages: 4495-4499	1.435	FE-SEM
18	Fabrication of Carbon Nanotubes Field Emission Cathode by Composite Plating	JUL 2010	Wang FH (Wang, Fang-Hsing) ¹ , Lin TC (Lin, Tzu-Ching) ^{1,2} , Tzeng SD (Tzeng, Shien-Der) ^{1,3}	曾賢德	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	Volume: 10 Issue: 7 Pages: 4607-4611	1.435	FE-SEM

19	Spin-Phonon Coupling Effects in Antiferromagnetic Cr ₂ O ₃ Nanoparticles	JUL 2010	Hung CH (Hung, C.-H.) ¹ , Shih PH (Shih, P.-H.) ¹ , Wu FY (Wu, F.-Y.) ² , Li WH (Li, W.-H.) ² , Wu SY (Wu, S. Y.) ¹ , Chan TS (Chan, T. S.) ³ , Sheu HS (Sheu, H.-S.) ³	黃家華	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	Volume: 10 Issue: 7 Pages: 4596-4601	1.435	Raman
20	Identification of carbon sensitization for the visible-light photocatalytic titanium oxide	JUL-AUG 2010	Chen YJ (Chen, Y. J.) ^{1,2} , Jhan GY (Jhan, G. Y.) ^{1,2} , Cai GL (Cai, G. L.) ^{1,2} , Lin CS (Lin, C. S.) ^{1,2} , Wong MS (Wong, M. S.) ^{1,2} , Ke SC (Ke, S.-C.) ³ , Lo HH (Lo, H. H.) ³ , Cheng CL (Cheng, C. L.) ³ , Shyue JJ (Shyue, J.-J.) ⁴	陳怡嘉 翁明壽 柯學初 鄭嘉良	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	Volume: 28 Issue: 4 Pages: 779-782	1.297	
21	A Potential Site For Trapping Photogenerated Holes On Rutile TiO ₂ Surface As Revealed By Epr Spectroscopy: An Avenue For Enhancing Photocatalytic Activity.	AUG 18 2010	Neeruganti O. Gopal, Hsin-Hsi Lo, Shiann-Cherng Sheu, Shyue-Chu Ke(柯學初)	柯學初	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY (2010)	Volume: 132 Issue: 32 Pages: 10982-10983	8.580	XPS, TEM

22	Covalent linkage of nanodiamond-paclitaxel for drug delivery and cancer therapy	AUG 6 2010	Liu KK (Liu, Kuang-Kai) ¹ , Zheng WW (Zheng, Wen-Wei) ² , Wang CC (Wang, Chi-Ching) ¹ , Chiu YC (Chiu, Yu-Chung) ³ , Cheng CL (Cheng, Chia-Liang) ³ , Lo YS (Lo, Yu-Shiu) ² , Chen CP (Chen, Chinpiao) ² , Chao JI (Chao, Jui-I) ¹	鄭嘉良	NANOTECHNOLOGY	Volume: 21 Issue: 31 Article Number: 315106	3.137	AFM
23	Methyl Palmitate: A Potent Vasodilator Released in the Retina	SEP 2010	Lee, YC (Lee, Yuan-Chieh) ^{2,4} ; Chang, HH (Chang, Hsi-Hsien) ^{1,5} ; Liu, CH (Liu, Chin-Hung) ^{1,5} ; Chen, MF (Chen, Mei-Fang) ^{1,3} ; Chen, PY (Chen, Po-Yi) ^{1,3,6} ; Kuo, JS (Kuo, Jon-Son) ^{1,3,6} ; Lee, TJF (Lee, Tony J.-F.) ^{1,3,5,6,7,8}	張新侯	INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE	Volume: 51 Issue: 9 Pages: 4746-4753	3.431	

24	Nanodiamonds for optical bioimaging	SEP 2 2010	Yuen Yung Hui, Chia-Liang Cheng and Huan-Cheng Chang	鄭嘉良	JOURNAL OF PHYSICS D-APPLIED PHYSICS	Volume: 43 Issue: 37 Article Number: 374021	2.083	Raman
25	Morphology transition of ZnO films with DMZn flow rate in MOCVD process	SEP 15 2010	Liang JH (Liang, J. H.) ¹ , Lai HY (Lai, H. Y.) ¹ , Chen YJ (Chen, Y. J.) ¹	陳怡嘉	APPLIED SURFACE SCIENCE	Volume: 256 Issue: 23 Pages:7305-7310	1.616	FE-SEM
26	Field emission properties of carbon nanotube cathodes produced using composite plating	OCT 1 2010	Wang FH (Wang, Fang-Hsing) ¹ , Lin TC (Lin, Tzu-Ching) ^{1,2} , Tzeng SD (Tzeng, Shien-Der) ^{1,3} , Chou CT (Chou, Ching-Tien) ¹	曾賢德	APPLIED SURFACE SCIENCE	Volume: 256 Issue: 24 Pages:7600-7605	1.616	FE-SEM
27	Oxidation of Liquid Solders for Die Attachment	Dec-20 10	J. M. Song (宋振銘), Y. M. Cheng, C. H. Tsai	宋振銘	Corrosion science (2010)	Volume: 52 Issue: 12 Pages:4011-4016	2.316	XPS
28	Vapor deposited sculptured nano-porous titania films by glancing angle deposition for efficiency enhancement in dye-sensitized solar cells	DEC 30 2010	Ming-Show Wong, Ming-Fu Lee, Ching-Lun Chen and Chia-Hua Huang	翁明壽 黃家華	Thin Solid Films (2010)	Volume 519, Issue 5, Pages 1717-1722	1.727	FE-SEM

1	Nano-sized Induced Low Temperature Alloying in Binary and Ternary Noble Alloy Systems for Micro-interconnect Applications	2011	Tzu-Hsuan Kao, Jenn-Ming Song, In-Gann Chen, Teng-Yuan Dong, Weng-Sing Hwang	宋振銘	Acta Materialia (2012)	59, 1184–1190	3.76	Bio-AFM
2	Observations on PVP-protected Noble Metallic Nanoparticle Deposits upon Heating via In Situ Synchrotron Radiation X-ray Diffraction	2011	J. M. Song (宋振銘), G. D. Chiou, W. T. Chen, S. Y. Chen, T. H. Kao, I. G. Chen and H. Y. Lee	宋振銘	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Volume: 13 Issue: 11 Pages:5099-5104	4.116	FE-SEM
3	Visualization of the structures of the hepatitis C virus replication complex	2011	Chan SC, Lo SY, Liou JW, Lin MC, Syu CL, Lai MJ, Chen YC, Li HC	張新侯	Biochemical and Biophysical Research Communications (2011)	Volume 404, Issue 1, Pages 574-578	2.548	Bio-AFM
4	Effect of Hydrogen on Carbon Nanowall Growth by Microwave Plasma-Enhanced Chemical Vapor Deposition	JAN 2011	Suzuki S (Suzuki, Seiya) ¹ , Chatterjee A (Chatterjee, Anindita) ² , Cheng CL (Cheng, Chia-Liang) ² , Yoshimura M (Yoshimura, Masamichi) ¹	鄭嘉良	JAPANESE JOURNAL OF APPLIED PHYSICS	Volume: 50 Issue: 1 Special Issue: Part 2 Sp. Iss. SI Article Number: 01AF08 Part: Part 2 Sp. Iss. SI	1.138	Raman FE-SEM

5	Visualization of the structures of the hepatitis C virus replication complex	JAN- 7 2011	Chan SC (Chan, Shih-Ching) ¹ , Lo SY (Lo, Shih-Yen) ^{2,3} , Liou JW (Liou, Je-Wen) ^{3,4} , Lin MC (Lin, Min-Ching) ² , Syu CL (Syu, Ciao-Ling) ³ , Lai MJ (Lai, Meng-Jiun) ² , Chen YC (Chen, Yi-Cheng) ² , Li HC (Li, Hui-Chun) ^{1,3,4}	劉哲文	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIO NS	Volume: 404 Issue: 1 Pages: 574-578	2.548	AFM
6	Synthesis of beta-Ga2O3 nanowires as a broadband emitter	JAN, 2011	Tien, LC; Ho, CH; Yao, XT; Cai, JR	田禮嘉*	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING		1.595	FE-SEM
7	Effect of surface adsorbed proteins on the photoluminescence of nanodiamond	FEB 1 2011	Perevedentseva E (Perevedentseva, E.) ^{1,2} , Melnik N (Melnik, N.) ¹ , Tsai CY (Tsai, C. -Y.) ² , Lin YC (Lin, Y. -C.) ² , Kazaryan M (Kazaryan, M.) ¹ , Cheng CL (Cheng, C. -L.) ²	吳勝允 鄭嘉良	JOURNAL OF APPLIED PHYSICS	Pages:3388-3392	2.072	Raman

8	Characterizing Protein Activities on the Lysozyme and Nanodiamond Complex Prepared for Bio Applications	FEB -1 2011	Perevedentseva E (Perevedentseva, E.) ^{1,2} , Cai PJ (Cai, P. -J.) ¹ , Chiu YC (Chiu, Y. -C.) ¹ , Cheng CL (Cheng, C. -L.) ¹	鄭嘉良	LANGMUIR	Volume: 27 Issue: 3 Pages: 1085-1091	3.898	Raman
9	Antroquinonol inhibits NSCLC proliferation by altering PI3K/mTOR proteins and miRNA expression profiles	FEB -10 2011	Kumar VB (Kumar, V. Bharath) ^{1,2} , Yuan TC (Yuan, Ta-Chun) ^{1,2} , Liou JW (Liou, Je-Wen) ³ , Yang CJ (Yang, Chih-Jen) ⁴ , Sung PJ (Sung, Ping-Jyun) ⁵ , Weng CF (Weng, Ching-Feng) ^{1,2}	劉哲文	MUTATION RESEARCH-FUND AMENTAL AND MOLECULAR MECHANISMS OF MUTAGENESIS	Volume: 707 Issue: 1-2 Pages: 42-52	3.556	Bio-AFM
10	Electrical, optical and surface properties of P2S5/(NH4)(2)S-x+Se-treated doped-channel field-effect transistors with double etch-stop layers	MAR 1 2011	Lin YS (Lin, Y. S.) ¹ , Lin YT (Lin, Y. T.) ¹ , Huang YW (Huang, Y. W.) ¹	林育賢	THIN SOLID FILMS	Volume: 519 Issue: 10 Pages:3388-3392	1.727	XPS

11	Enhancement and Saturation Phenomena on Luminous Current and Power Efficiencies of Organic Light-Emitting Devices by Attaching Microlens Array Films	MAY 2011	Chen KY (Chen, Kuan-Yu) ^{1,2} , Lin HY (Lin, Hoang Yan) ^{1,2} , Wei MK (Wei, Mao-Kuo) ³ , Lee JH (Lee, Jiun-Haw) ^{1,2} , Hsiao YT (Hsiao, Yu-Ting) ^{1,2} , Lin CC (Lin, Ciao-Ci) ³ , Ho YH (Ho, Yu-Hsuan) ^{1,2} , Lin HY (Lin, Hung-Yi) ⁴ , Tsai JH (Tsai, Jen-Hui)	魏茂國	JOURNAL OF DISPLAY TECHNOLOGY	Volume: 7 Issue: 5 Pages: 242-249	1.928	FE-SEM
12	Visible Light Responsive Photocatalyst Induces Progressive and Apical-Terminus Preferential Damages on Escherichia coli Surfaces	MAY-12 2011	Je-Wen Liou ^{1,2,3} , Ming-Hui Gu ⁴ , Yen-Kai Chen ¹ , Wen-Yi Chen ¹ , Yi-Cheng Chen ^{2,4} , Yao-Hsuan Tseng ⁵ , Yu-Jiun Hung ² , Hsin-Hou Chang	劉哲文 張新侯	PLOS ONE	Volume 6 Issue 5 e19982	4.351	AFM

13	Comprehensive Characterization of DC Sputtered AZO Films for CIGS Photovoltaics	MAR 16 2011	Huang CH (Huang, Chia-Hua) ¹ , Cheng HL (Cheng, Hung-Lung) ¹ , Chang WE (Chang, Wei-En) ¹ , Wong MS (Wong, Ming-Show) ²	黃家華 翁明壽	Electrochemistry; Materials Science, Coatings & Films	Volume: 158 Issue: 5 Pages: H510-H515	2.241	FE-SEM
14	Transient and steady-state nanoindentation creep of polymeric materials	Jul-2011	Chien-Chao Huang , Mao-Kuo Wei , Sanboh Lee	魏茂國	INTERNATIONAL JOURNAL OF PLASTICITY	Volume: 27 Issue:7 Pages: 1093-1102	4.791	MTS
15	Scratch-resistant zeolite anti-reflective coating on glass for solar applications	Jul-2011	Chien-Hung Chen, Shiao-Yi Li, Anthony S.T. Chiang n, Albert T. Wu, Y.S. Sun		SOLAR ENERGY MATERIALS & SOLAR CELLS	Volume: 25 Issue:7 Pages: 1694-1700	3.858	MTS
16	Enhanced Photocatalytic Activity in β -Ga ₂ O ₃ Nanobelts	Mar-2011	Li-Chia Tien, Wei-Tong Chen, Ching-Hwa Ho	田禮嘉	Journal of the American Ceramic Society	published online:31 MAR 2011	1.944	FE-SEM

<p>17: Enhancement of current injection in organic light emitting diodes with sputter treated molybdenum oxides as hole injection layers</p>	<p>APR 25 2011</p>	<p>Wang PS (Wang, Po-Sheng)^{1,2}, Wu IW (Wu, I-Wen)^{1,2}, Tseng WH (Tseng, Wei-Hsuan)^{1,2}, Chen MH (Chen, Mei-Hsin)³, Wu CI (Wu, Chih-I)^{1,2}</p>	<p>陳美杏</p>	<p>APPLIED PHYSICS LETTERS</p>	<p>Volume: 98 Issue: 17 Article Number: 173302</p>	<p>3.554</p>	<p>XPS</p>
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