

蔡宗儒教授著作目錄(近 5 年)

版年月	著作類別	著作名稱	作者	收錄出處
2015-01	期刊論文	Nano-quasi-grating of optical diffraction on special stainless steel by a femtosecond-pulsed laser.	Chen-Kuan Kuo, Shao-Wei Luo, Hung-Yin Tsai, Shing-Hoa Wang, Rudder T. Wu, Min-Chieh Chou, Tsong-Ru Tsai, Ming-Chan Shieh, Ya-Ching Yang, Kent Huang	Materials Letters
2014-10	期刊論文	Observation of optical second harmonic generation from suspended single-layer and bi-layer graphene.	Kung-Hsuan Lin, Shao-Wei Weng, Po-Wei Lyu, Tsong-Ru Tsai and Wei-Bin Su	Applied Physics Letters
2014-06	期刊論文	Estimating Young' s modulus of graphene with Raman scattering enhanced by micrometer tip.	Shao-Wei Weng, Wei-Hsiang Lin, Wei-Bin Su, En-Te Hwu, Peilin Chen, Tsong-Ru Tsai and Chia-Seng Chang	Nanotechnology
2013-02	期刊論文	High Birefringence of the YVO4 Crystal in the Terahertz Frequency Range	Tsong-Ru Tsai*, Jia-Hao Wang and Hai-Pang Chiang	Japanese Journal of Applied Physics
2013-01	期刊論文	Imaging layer number and stacking order through formulating Raman fingerprints obtained from hexagonal single crystals of few layer graphene	Jih-Shang Hwang, Yu-Hsiang Lin, Jeong-Yuan Hwang, Railing Chang, Surojit Chattopadhyay, Chang-Jiang Chen, Peilin Chen, Hai-Pang Chiang, Tsong-Ru Tsai, Li-Chyong Chen and Kuei-Hsien Chen	Nanotechnology
2012-12	期	SERS study of histamine by using	Wen-Chi Lin, Tsong-Ru Tsai,	Plasmonics

	刊 論 文	silver film over nanosphere structure	Hsiang-Lin Huang, Chyuan Yuan Shiau, Hai-Pang Chiang	
2012-01	期 刊 論 文	Imprinting of Metallic Glasses: A Simple Approach to Making Durable Terahertz High-Pass Filters	Yen Chen Chen, Tsong Ru Tsai, Jinn P. Chu, Hsuan Sung, Jason S. C. Jang, and Hidemi Kato	Applied Physics Express
2011-12	期 刊 論 文	Nonlinear optical properties of lanthanum-modified lead zirconate titanate investigated by the femtosecond Z-scan technique	Tsong-Ru Tsai and Chih-Hsiung Yu	Applied Physics Letters
2011-05	期 刊 論 文	Deep and Alignment Free Patterned Etching of GaN Surface Using an Atomic Force Microscope	Jih-Shang Hwang, Der-Chang Chen, Li-Wei Chen, Zhan-Shuo Hu, Zen-Yu You, Chih-Chiang Wu, Tai-Yuan Lin, Tsong-Ru Tsai, Surojit Chattopadhyay	Journal of Nanoscience and Nanotechnology
2011-03	研 討 會 論 文	Ultrafast hot carrier dynamics in InN epitaxial films	Tsong-Ru Tsai, Chih-Fu Chang, Chih-Wei Kuo, Cheng-Yu Chang and S. Gwo	
2009-10	期 刊 論 文	Spectral dependence of time-resolved photoreflectance of InN epitaxial films	Tsong-Ru Tsai, Cheng-Yu Chang, Chih-Wei Kuo, Jih-Shang Hwang, Tai-Yuan Lin, and Shangjr Gwo	Applied Physics Letters
2009-03	期 刊 論 文	Characterization of nonlinear absorption of InN epitaxial films with femtosecond pulsed transmission Z-scan measurements	Tsong-Ru Tsai, Tsung-Han Wu, Jung-Cheng Liao, Tai-Huei Wei, Hai-Pang Chiang, Jih-Shang Hwang, Din-Ping Tsai, and Yang-Fang Chen	Journal of Applied Physics
2009-01	期	Direct patterning of zinc oxide	Jih-Shang Hwang, Li-Wei	Nanotechnology

	刊 論 文	with control of reflected color through nano-oxidation using an atomic force microscope	Chen, Te-Chang Chen, Chi-Wen Kuo, Zhan-Shuo Hu, Tsong-Ru Tsai, Yuen-Jung Wu, Tai-Yuan Lin, Yuan-Yu Jhuo, Chih-Yung Cheng, Chih-Ming Lin and Yi-Hung Liu	
2007-06	期 刊 論 文	Ultrafast hot electron relaxation time anomaly in InN epitaxial films	蔡宗儒	APPLIED PHYSICS LETTERS
2007-01	期 刊 論 文	Nanoimprint of Gratings on a Bulk Metallic Glass	蔡宗儒	APPLIED PHYSICS LETTERS
2006-08	期 刊 論 文	Raman scattering investigations of the low-temperature phase transition of NaNbO ₃	蔡宗儒	JOURNAL OF RAMAN SPECTROSCOPY
2006-05	期 刊 論 文	Terahertz Response of GaN Thin Films	蔡宗儒	OPTICS EXPRESS
2006-05	期 刊 論 文	Terahertz optical constants of ytterbium-doped yttrium aluminum garnet crystals	蔡宗儒	JOURNAL OF APPLIED PHYSICS
2004-02	期 刊 論 文	Electrically controlled room temperature terahertz phase shifter with liquid crystal	蔡宗儒	IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS
2003-12	期	Room temperature terahertz phase	蔡宗儒	APPLIED

	刊 論 文	shifter based on magnetically controlled birefringence in liquid crystals		PHYSICS LETTERS
2003-09	期 刊 論 文	Terahertz responses of high-resistivity YBCO thin films	蔡宗儒	PHYSICAL SUPERCONDUCTIVITY AND ITS APPLICATIONS
2003-05	期 刊 論 文	Terahertz time-domain spectroscopy studies of the optical constants of the nematic liquid crystal 5CB	蔡宗儒	APPLIED OPTICS
2003-04	期 刊 論 文	Dielectric properties of $(x)\text{Ba}(\text{Mg}_{1/3}\text{Ta}_{2/3})\text{O}_3-(1-x)\text{Ba}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ ($x = 1, 0.75, 0.50, 0.25$ and 0) complex perovskite ceramics	蔡宗儒	MATERIALS CHEMISTRY AND PHYSICS
2001-10	期 刊 論 文	Terahertz spectroscopic technique for characterizing the microwave dielectric properties of $\text{Ba}(\text{Mg}_{1/3}\text{Ta}_{2/3})\text{O}_3$ materials	蔡宗儒	JOURNAL OF THE EUROPEAN CERAMIC SOCIETY