

中原大學電子所博士班論文點數審查推薦函

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一、事由：推薦電子所博士班研究生 Ji-Wei Ci (祁季偉) (學號 9976006) 進行博士論文點數審查。

二、說明：中原大學電子所博士班學生 祁季偉 投稿論文列表

A. Journal 期刊論文

(J-1) Chin-Hsuan Chiang, Ji-Wei Ci, Wu-Yih Uen, Shan-Ming Lan, Sen-Mao Liao, and Tsun-Neng Yang, **“Fabrication of Silicon-Submicron-Wire-Based Solar Cells on UMG-Si Substrates Using Nickel Catalyst”** Journal of The Electrochemical Society, Vol.159, No.2, pp. H112-H116, 2012, IOPscience, ISSN 0013-4651. (SCI)

第二學生作者，預估點數: 2

(J-2) Ji-Wei Ci, Wei-Chen Tu, Wu-Yih Uen, Shan-Ming Lan, Jia-Xian Zeng, Tsun-Neng Yang, Chin-Chang Shen and Jian-Chang Jhao, **“Chlorine-Doped n-Type Cuprous Oxide Films Fabricated by Chemical Bath Deposition”** Journal of The Electrochemical Society, Vol.161, No.6, pp. D321-D326, 2014, IOPscience, ISSN 0013-4651. (SCI)

第一學生作者，預估點數: 4

(J-3) Yu-Ting Lin, Ji-Wei Ci, Wei-Chen Tu, Wu-Yih Uen, Shan-Ming Lan, Tsun-Neng Yang, Chin-Chang Shen, Chih-Hung Wu, **“Fabrication of cuprous chloride films on copper substrate by chemical bath deposition”** Thin Solid Films, Vol.591, Part A, No.30, pp. 43-48, 2015, Elsevier, ISSN 0040-6090. (SCI)

第二學生作者，預估點數: 2

(J-4) Ji-Wei Ci, Chen-Yin Lian, Wu-Yih Uen, Chien-Hsun Chen, Chen-Yu Li, **“Formation mechanism of high Ge content SiGe epilayer on Si by liquid phase epitaxy using Ge-Sn solution”** Thin Solid Films, Vol.704, No.30, pp. 137981, 2020, Elsevier, ISSN 0040-6090. (SCI)

第一學生作者，預估點數: 4

(J-5) Ji-Wei Ci, Yung-Ting Chen, Shiou-Ming Lin, Po-Sheng Wu, Kuan-Ming Chen, Wu-Yih Uen, **“Fabrication of High-Ge-Composition SiGe Virtual Substrates”** Journal of Taiwan Vacuum Society, Vol.33, No.4, pp. 24, 2020/12/31, ISSN 1017-091x.

第一學生作者，預估點數: 1.5

B. Conference 研討會論文

(C-1) 祁季偉, 溫武義, 籃山明, 楊村農, 鄭金展, 陳建文, 蘇郁涵, “藉由改善線結構以提升於冶金級矽基板上製備矽次微米線太陽能電池之轉換效率” 2011光電與通訊工程研討會, 2011

第一學生作者，預估點數: 0.25

(C-2) Ji-Wei Ci, Chin-Hsuan Chiang, Shan-Ming Lan, Wu-Yih Uen, Tsun-Neng Yang, Jin-Jhan Jheng, Yu-Hsiang Huang, Jian-Wun Chen, Yu-Han Su, Chin-Chen Chiang, “Fabrication of silicon sub-micron wires based UMG-Si solar cells using nickel catalyst” 2011 Electronic Technology Symposium, 2011

第一學生作者，預估點數: 0.25

(C-3) 鄭博升, 祁季偉, 溫武義, 李欣縈, “於單晶ZnO基板上鍍Ag製備蕭特基二極體元件之特性分析”, 2012台灣光電科技研討會, 2012

第二學生作者，預估點數: 0.125

累積點數為 14.125，詳細論文內容如附件，敬呈博士班所務委員會進行論文點數審查。

指導教授

Verified by: _____ Prof. Wu-Yih Uen, Ph.D.