

## BIOGRAPHICAL SKETCH

NAME You-Cheng Hseu (許游章)	POSITION TITLE PROFESSOR (教授)		
eRA COMMONS USER NAME (credential, e.g., agency login) ychseu@mail.cmu.edu.tw			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
NATIONAL TAIPEI UNIVERSITY, TAIWAN (台北醫學大學保健營養學士)	B.S	09/71 - 07/75	NUTRITION AND HEALTH
NATIONAL TSIN-HUA UNIVERSITY, TAIWAN (國立清華大學生命科學博士)	PH.D	04/1999	LIFE SCIENCE
MD ADERSON CANCER CENTER, USA (美國德州大學MD Anderson 訪問學者)	Visiting Scientist	08/2012 - 07/2013	CANCER BIOLOGY
CHINA MEDICAL UNIVERSITY, TAIWAN (中國醫藥大學藥妝系教授)	PROFESSOR	02/2010 – NOW	COSMECEUTICS
ASIA UNIVERSITY, TAIWAN (亞洲大學合聘教授)	PROFESSOR	08/2015 – NOW	HEALTH AND NUTRITION BIOTECHNOLOGY
CHINA MEDICAL UNIVERSITY, TAIWAN (中國醫藥大學中草藥研究中心教授)	PROFESSOR	02/2017 – NOW	CHINESE MEDICINE RESEARCH CENTER

**NOTE: The Biographical Sketch may not exceed four pages. Follow the formats and instructions below.**

### A. Personal Statement

I am a Professor at the China Medical University. My primary research interest is Nutritional Biochemistry and Toxicology; Bioactivities of Natural Products and Traditional Chinese Herbal Medicine; Free Radical Biology and Medicine; *Antrodia camphorata* and their Bioactive Constituents for Breast Cancer Chemoprevention; Antioxidants, Anti-aging, Anti-inflammation, Wound healing, and Herbal Cosmeceutics; UVA-Induced Skin Damage and Skin Cancer Chemoprevention.

### B. Positions and Honors

2018 Project sanction committee member (Optimize the environment of Technical colleges), Ministry of Education, Taiwan, ROC. (教育部優化環境計畫初審/複審審查委員)

Project sanction committee member (Technical colleges), Ministry of Education, Taiwan, ROC. (教育部技職再造計畫初審/複審審查委員)

Project sanction committee member (Equipment Update of Technical colleges), Ministry of Education, Taiwan, ROC. (教育部第二期再造計畫技專院校設備更新初審/複審審查委員)

Project sanction committee member (International Symposium in Taiwan), National Science Council, Taiwan, ROC. (國科會補助國內舉辦國際學術研討會審查委員)

Project sanction committee member, National Science Council, Taiwan, ROC. (國科會研究計畫初審/複審審查委員)

Advisor, Department of Medical Research, China Medical University Hospital, Taichung, Taiwan (2010-still date). (中國醫藥大學附設醫院醫研部顧問)

Director/Professor, Department of Cosmeceutics, China Medical University, Taichung, Taiwan (2007~2010 中國醫藥大學藥妝系主任)

Project sanction committee member (Technical colleges, Department of degree renamed/merged), Ministry of Education, Taiwan, ROC. (教育部技專校-院所系科學位學程改名整併案審查委員)

Project sanction committee member (Postgraduate degree), Ministry of Education, Taiwan, ROC. (教育部學士後學位學程審查委員)

Committee member (Technical colleges), Taiwan Assessment and Evaluation and Association, ROC. (台灣評鑑協會科技大學訪視評鑑委員)

Project sanction committee member, MOST Germination Program, Taiwan, ROC. (科技部萌芽計畫審查委員)

Project sanction committee member (Master newly established), Ministry of Education, Taiwan, ROC. (教育部碩士班新設審查委員)

Committee member (Industry-Academic Cooperation Plan of Technical Colleges), Chinese Management Association, ROC. (中華民國管理科學學會-技專校院產學攜手合作計畫評鑑委員)

Committee member (Rename and Reconstruction of Technical Colleges), Taiwan Assessment and Evaluation and Association, ROC. (台灣評鑑協會技專校院改名改制委員會評鑑委員)

Project sanction committee member (The establishment of special adjustment institutions of Technical Colleges), Taiwan Assessment and Evaluation and Association, ROC. (台灣評鑑協會大學校院增設調整特殊項目院系所學位學程評鑑委員)

Proposition committee, Ministry of Examination, Taiwan. ROC.(考選部專技高考命題委員)

Project sanction committee member, Council of Agriculture and Executive Yuan, Taiwan. ROC. (農委會研究計畫審查委員)

Project sanction committee member (College student research program), National Science Council, Taiwan. ROC. (國家科學委員會大專生研究計畫審查委員)

### **Honors and Academic service:**

2016 Best paper award, Chinese Society of Cosmetic Surgery and Anti-aging Medicine, Taiwan.

2007-2017 The Excellent Research Reward of University, Ministry of Science and Technology, Taiwan.

2012 Dr. Hong-Yen Hsu Academic Award of Chinese Medicine, Taiwan.

2011-2017 The Outstanding Research Award, China Medical University, Taiwan.

2008-2011 The Outstanding Research Award, China Medical University, Taiwan.

2007 The Second Outstanding Research Award, college of Pharmacology, China Medical University, Taiwan.

2007 International Health Professional of the Year (International Biographical Center, Cambridge, England).

2006 The first Outstanding Research Award, college of Pharmacology, China Medical University, Taiwan.

2006-2007 Marquis Who's Who in Medicine and Healthcare.

1995 Dr. Hsu Chien-Tien Award, Taiwan.

1995 Best paper award, Molecular Biology, Taiwan.

### **Reviewer**

Cancer research, Biochemical Pharmacology, Pharmacological Research, Journal of Investigative Dermatology, Cancer Prevention Research, Current Organic Chemistry, Evidence-based Complementary and Alternative Medicine, ISRN toxicology, International Journal of Molecular Sciences, Molecules, Nitric Oxide, Journal of Agricultural and Food Chemistry, Phytomedicine, Life Science, Journal of Ethanopharmacology, Food Chemical and Toxicology, Environmental Toxicology, Journal of Food and Drug Analysis, Journal of Chinese medicine.

### **Editorial Board Member**

Austin Leukemia, Annals of Nutrition and Food Science, SciTz Gynecology & Reproductive Medicine, Clinical oncology, Journal of Food and Nutrition, European Journal of Toxicological Sciences, International Scholarly Research Notices, **Journal of Toxicology**, Asian Journal of Pharmacological Sciences, American Journal of Food and Nutrition, Austin Anaplastology, Journal of Cancer and Cure, Journal of Surgical Dermatology, American Journal of Leukemia Research, SRL Biology journal, SM Journal of Bioprocessing & Biotechniques, Journal of Clinical Trials in Oncology.

### C. Peer-reviewed Publications (\*Correspondence)

1. [You-Cheng Hseu](#), M Korivi, FY Lin, ML Li, RW Lin, JJ Wu, HL Yang. *Trans*-cinnamic acid attenuates UVA-induced photoaging through inhibition of AP-1 activation and induction of Nrf2-mediated antioxidant genes in human skin fibroblasts. **Journal of Dermatological Science**, (2018) Accepted. (7/63, Dermatology: IF=3.733)
2. HL Yang, CL Lee, M Korivi, P Rajendran, JW Liao, JJ Wu, [You-Cheng Hseu](#)\*. Zerumbone Protects Human Skin Keratinocytes against UVA-irradiated Damages through Nrf2 Induction. **Biochemical Pharmacology**, (2018) Accepted. (18/255, PHARMACOLOGY & PHARMACY: IF=5.091)
3. [You-Cheng Hseu](#), V Thiyagarajan, TT Ou\*, HL Yang. CoQ<sub>0</sub> induced mitochondrial PTP opening to trigger apoptosis via ROS-mediated VDAC1 upregulation in HL-60 leukemia cells and suppresses tumor growth in athymic nude mice/xenografted nude mice. **Archives of Toxicology**. (2017) Accepted. doi: 10.1007/s00204-017-2050-6 (5/90, Toxicology: IF=6.637)
4. [You-Cheng Hseu](#), TJ Tsai, M Korivi, JY Liu, HJ Chen, CM Lin, YC Shen, HL Yang. Antitumor properties of Coenzyme Q<sub>0</sub> against human ovarian carcinoma cells *via* induction of ROS-mediated apoptosis and cytoprotective autophagy. **Scientific Reports** (2017) 7(1):8062 (7/63, MULTIDISCIPLINARY SCIENCES, IF=5.228)
5. CT Chang, [You-Cheng Hseu](#)\*, V Thiyagarajan, KY Lin, TD Way, M Korivi, JW Liao, HL Yang. Chalcone Flavokawain B Induces Reactive Oxygen Species-Mediated Autophagy in Human Gastric Carcinoma and Suppresses Tumor Growth in Mice. **Archives of Toxicology**. (2017) 91(10), 3341-3364. (5/90, Toxicology: IF=6.637)
6. HL Yang, M Korivi, CH Chen, WJ Peng, CS Chen, ML Li, LS Hsu, JW Liao, [You-Cheng Hseu](#)\*, *Antrodia camphorata* Attenuates Cigarette Smoke-induced ROS Production, DNA Damage, Apoptosis and Inflammation in Vascular Smooth Muscle Cells, and Atherosclerosis in ApoE-deficient Mice. **Environmental Toxicology**. (2017) Accepted. (7/85, WATER RESOURCES: IF=2.868)
7. [You-Cheng Hseu](#), TW Hsu, HD Lin, CH Chen, SC Chen. Molecular mechanisms of discrotophos-induced toxicity in HepG2 cells: The role of CSA in oxidative stress. **Food and Chemical Toxicology**. (2017) 103: 253-260 (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584)
8. CT Chang<sup>†</sup>, [You-Cheng Hseu](#)<sup>†</sup>(Co-first author), HC Huang, V Thiyagarajan, KY Lin, PJ Huang, JY Liu, M Korivi and HL Yang\*. Inhibition of ROS production, autophagy or apoptosis signaling reversed anticancer properties of *Antrodia salmonea* in triple-negative breast cancer (MDA-MB-231) cells. **Food and Chemical Toxicology**. (2017) 103, p1-17 (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584)
9. CT Chang<sup>†</sup>, [You-Cheng Hseu](#)<sup>†</sup> (Co-first author), V Thiyagarajan, HC Huang, LS Hsu, PJ Huang, JY Liu, JW Liao, HL Yang\*. *Antrodia salmonea* induces G<sub>2</sub> cell-cycle arrest in human triple-negative breast cancer (MDA-MB-231) cells and suppresses tumor growth in athymic nude mice. **Journal of Ethnopharmacology**. (2017) 208:72-83. (2/24, INTEGRATIVE & COMPLEMENTARY MEDICINE Ranking: IF=3.055).
10. [You-Cheng Hseu](#), YH Chao, KY Lin, TD Way, HY Lin, V Thiyagarajan, HL Yang. *Antrodia campharata* inhibits metastasis and epithelial-to-mesenchymal transition via the modulation of claudin-1 and Wnt/ $\beta$ -catenin signaling pathways in human colon cancer cells. **Journal of Ethnopharmacology**. (2017) (2/24, INTEGRATIVE & COMPLEMENTARY MEDICINE Ranking: IF=3.055).
11. Sun DP, Fang CL, Chen HK, Wen KS, [You-Cheng Hseu](#), Hung SH, Uen YH, Lin KY. EPAC1 overexpression is a prognostic marker and its inhibition shows promising therapeutic potential for gastric cancer. **Oncology Reports**. (2017) 37(4):1953-1960. (Impact factor: 2.486, Ranking 61.0%)
12. HL Yang, YC Tsai, M Korivi, CT Chang, [You-Cheng Hseu](#)\*. Lucidone Promotes Cutaneous Wound Healing Process *via* Activation of PI<sub>3</sub>K/AKT, Wnt/ $\beta$ -catenin and NF- $\kappa$ B Signaling Pathways. **BBA-Molecular Cell Research**. (2017) 1864, 151-168 (50/289, BIOCHEMISTRY & MOLECULAR BIOLOGY: IF=5.128)
13. HL Yang, M Korivi, MK Lin, Hebron CW Chang, CR Wu, MS Lee, William TL Chen and [You-Cheng Hseu](#)\*. Anti-hemolytic and Antioxidant Properties of Pearl Powder against AAPH-induced Hemolysis and Oxidative Damage to Erythrocytes Membrane Lipids and Proteins. **Journal of food and drug analysis**. (2017) 25(4):898-907 (39/125, FOOD SCIENCE & TECHNOLOGY: IF=3.048).
14. CC Lin, CL Fang, DP Sun, [You-Cheng Hseu](#), YH Uen, KY Lin, YC Lin. High expression of mitochondrial intermembrane chaperone TIMM9 represents a negative prognostic marker in gastric cancer. **Journal of the Formosan Medical Association**. (2016), 116(6):476-483 (46/155, JOURNAL OF THE FORMOSAN MEDICAL ASSOCIATION, IF: 2.018)
15. HM Wang, HL Yang, V Thiyagarajan, TH Huang, PJe Huang, SC Chen, JY Liu, LS Hsu, HW Chang, and [You-Cheng Hseu](#)\*. Coenzyme Q<sub>0</sub> enhances ultraviolet B-induced apoptosis in human estrogen receptor-positive breast (MCF-7) cancer cells (2016). **Integrative Cancer Therapies**. 1–12 DOI : 10.1177/1534735416673907 (8/24, INTEGRATIVE & COMPLEMENTARY MEDICINE: IF=1.706)
16. HC Chen, WT Chang, [You-Cheng Hseu](#), HY Chen, CH Chuang, CC Lin, MS Lee, MK Lin . Immunosuppressive effect of *Litsea cubeba* L. essential oil on dendritic cell and contact hypersensitivity responses. **International Journal of Molecular Sciences**, (2016) 17(8), 1319. (IF: 3.257; Ranks: Chemistry, Multidisciplinary, 52/163)
17. [You-Cheng Hseu](#), V Thiyagaraja, HT Tsou, KY Lin, HJ Chen, CM Lin, JW Liao, HL Yang. *In vitro* and *in vivo* anti-tumor activity of CoQ<sub>0</sub> against melanoma cells: inhibition of metastasis and induction of cell-cycle arrest and apoptosis through modulation of

- Wnt/ $\beta$ -catenin signaling pathways. **Oncotarget**. (2016) (7) 22409-22462 (36/213, Oncology: IF=5.008)
18. HY Chou, C Lee, JL Pan, ZH Wen, SH Huang, CW John Lan, WT Liu, TC Hour, [You-Cheng Hseu](#), BH Hwang, KC Cheng, HM David Wang. Enriched Astaxanthin Extract from *Haematococcus pluvialis* Augments Growth Factor Secretions to Increase Cell Proliferation and Induces MMP1 Degradation to Enhance Collagen Production in Human Dermal Fibroblasts. **International Journal of Molecular Sciences**, (2016) 17(6), 955-967. (IF: 3.257; Ranks: Chemistry, Multidisciplinary, 52/163)
  19. HL Yang, V Thiyagarajan, JW Liao, YL Chu, CT Chang, PJ Huang, CJ Hsu, [You-Cheng Hseu](#)\*. *Toona sinensis* inhibited murine leukemia WEHI-3 cells and promoted immune response *in vivo*. **Integrative Cancer Therapies**. (2016) DOI: 10.1177/1534735416673907 (8/24, INTEGRATIVE & COMPLEMENTARY MEDICINE: IF=1.706)
  20. HL Yang, MW Lin, M Korivi, JJ Wu, CH Liao, CT Chang, JW Liao, [You-Cheng Hseu](#)\*. Coenzyme Q<sub>0</sub> Regulates NF $\kappa$ B/AP-1 Activation and Enhances Nrf2 Stabilization in Attenuation of LPS-induced Inflammation and Redox Imbalance: Evidence From *In Vitro* and *In Vivo* Studies. **BBA-Genes Regulatory Mechanisms**. (2016) 1859, 246-261 (42/289, BIOCHEMISTRY & MOLECULAR BIOLOGY: IF=5.373)
  21. H.C. Chang, HL Yang, JH Pan, M Korivi, JY Pan, MC Hsieh, PM Chao, PJ Huang, CT Tsai, [You-Cheng Hseu](#)\*. *Hericium erinaceus* inhibits TNF- $\alpha$ -induced angiogenesis through suppression of MMP-9 and modulation of NF- $\kappa$ B/Nrf2 signaling pathways in human endothelial cells. **Oxidative Medicine and Cellular Longevity**. (2016) ID 8257238 (53/187, CELL BIOLOGY : IF=4.492)
  22. [You-Cheng Hseu](#), KC Cheng, YC Lin, CY Chen, HY Chou, DL Ma, CH Leung, ZH Wen, HMD Wang. Synergistic effects of linderanolide B combined with arbutin, PTU or kojic acid on tyrosinase inhibition. **Current Pharmaceutical Biotechnology** (2015) 16(12):1120-6 (112/254, PHARMACOLOGY & PHARMACY: IF=2.5)
  23. HL Yang, M Korivi, MW Lin, SC Chen, CW Chou, [You-Cheng Hseu](#)\*. Anti-angiogenic Properties of Coenzyme Q<sub>0</sub> through Downregulation of MMP-9/NF- $\kappa$ B and Upregulation of HO-1 Signaling in TNF- $\alpha$ -activated Human Endothelial Cells. **Biochemical Pharmacology** (2015) 98, 144-152 (18/255, PHARMACOLOGY & PHARMACY: IF=5.091)
  24. [You-Cheng Hseu](#), YC Huang, M Korivi, JJ Wu, TD Way, TT Ou, LW Chiu, CC Lee, ML Lin, HL Yang. Zerumbone attenuates TGF- $\beta$ 1-mediated epithelial-mesenchymal transition *via* upregulated E-cadherin expression and downregulated Smad2 signaling pathways in non-small cell lung cancer (A549) cells. **Journal of Functional Foods** (2015) 303-318. (8/125, FOOD SCIENCE & TECHNOLOGY: IF=3.973)
  25. [You-Cheng Hseu](#), HW Lo, M Korivi, YC Tsai, MJ Tang, HL Yang\* (2015) Dermato-protective Properties of Ergothioneine through Induction of Nrf2/ARE-mediated Antioxidant Genes in UVA-irradiated Human Keratinocytes. **Free Radical Biology and Medicine**, 82, 102-117 (14/133, ENDOCRINOLOGY & METABOLISM, IF=5.784)
  26. YH Uen, CL Fang, [You-Cheng Hseu](#), PC Shen, HL Yang, KS Wen, ST Hung, LH Wang, KY Lin. (2015) VAV3 Oncogene Expression in Colorectal Cancer: Clinical Aspects and Functional Characterization. **Scientific Reports**, 20;5:9360 (7/63, MULTIDISCIPLINARY SCIENCES, IF=5.228)
  27. HL Yang, SW Lin, CC Lee, KY Lin, CH Liao, TY Yang, HM Wang, HC Huang, CR Wu, [You-Cheng Hseu](#)\*. (2015) Induction of Nrf2-mediated genes by *Antrodia salmonea* inhibits ROS generation and inflammatory effects in lipopolysaccharide-stimulated RAW264.7 macrophages. **Food and Function**. 24, 229-240 (25/125, FOOD SCIENCE & TECHNOLOGY: IF=2.686).
  28. [You-Cheng Hseu](#), YC Tsai, PJ Huang, TT Ou, M Korivi, LS Hsu, SH Chang, CR Wu, HL Yang. (2015) The dermato-protective effects of lucidone from *Lindera erythrocarpa* through the induction of Nrf2-mediated antioxidant genes in UVA-irradiated human skin keratinocytes. **Journal of Functional Foods**, 2015, 303-318. (8/125, FOOD SCIENCE & TECHNOLOGY: IF=3.973)
  29. MHC Chen, LC Hsu, JL Wu, CW Yeh, JN Tsai, [You-Cheng Hseu](#), LS Hsu. Exposure to benzidine caused apoptosis and malformation of telencephalon region in zebrafish. **Environmental Toxicology**. (2014) 24, 1428-1436. (7/85, WATER RESOURCES: IF=2.868)
  30. Lin VC, Kuo PT, Lin YC, Chen Y, [You-Cheng Hseu](#), Yang HL, Kao JY, Ho CT, Way TD. Penta-O-galloyl- $\beta$ -D-glucose Suppresses EGF-Induced eIF3i Expression through Inhibition of the PI3K/AKT/mTOR Pathway in Prostate Cancer Cells. (2014) **Journal of Agricultural and Food Chemistry** 2014, 62 (36), pp 8990–8996. (3/57, AGRICULTURE, MULTIDISCIPLINARY : IF=2.857)
  31. HL Yang, PJ Huang, SC Chen, HJ Cho, K.J.S Kumar, FJ Lu, CS Chen, CT Chang, [You-Cheng Hseu](#). Induction of Macrophage Cell-Cycle Arrest and Apoptosis by Humic Acid. **Environmental and Molecular Mutagenesis**. (2014), 55; 741-750 (46/225, ENVIRONMENTAL SCIENCES: IF=3.326).
  32. HL Yang, KJS Kumar, YT Kuo, HC Chang, JW Liao, LS Hsu, [You-Cheng Hseu](#)\*. *Antrodia camphorata* induces G<sub>1</sub> cell-cycle arrest in human promyelocytic leukemia (HL-60) cells and suppresses tumor growth in athymic nude mice. **Food and Function**. (2014) 5, 2278-2288 (25/125, FOOD SCIENCE & TECHNOLOGY: IF=2.686).
  33. [You-Cheng Hseu](#), CC Lee, YC Chen, K.J.S. Kumar, CS Chen, YC Huang, LS Hsu, HC Huang, HL Yang. The anti-tumor activity of *Antrodia salmonea* in human promyelocytic leukemia (HL-60) cells is mediated via the induction of G<sub>1</sub> cell-cycle arrest and apoptosis *in vitro* or *in vivo*. **Journal of Ethnopharmacology**. (2014) 53 (2), 499-510. (2/24, INTEGRATIVE & COMPLEMENTARY MEDICINE Ranking: IF=3.055).
  34. ACH Liao, CC Kuo, YC Huang, CW Yeh, [You-Cheng Hseu](#), JY Liu, LS Hsu. Naringenin inhibited migration of bladder cancer cells via downregulation of AKT and MMP-2. (2014). Accepted. **Molecular Medicine Reports**. (85/124, MEDICINE, RESEARCH & EXPERIMENTAL : IF=1.559).



35. MJ Lee, SH Kao, JE Hunag, GT Sheu, CW Yeh, [You-Cheng Hseu](#), CJ Wang, LS Hsu. Shikonin time-dependently induced necrosis or apoptosis in gastric cancer cells via generation of reactive oxygen species. (2014) *Chemico-Biological Interactions*. 211, 44-53. (98/255, PHARMACOLOGY & PHARMACY: IF=2.618)
36. HL Yang, PJ Huang, Yu Liu, K.J.S. Kumar, LS Hsu, TL Lu, YC Chia, Tokuko Takajo, Anzai Kazunori, [You-Cheng Hseu\\*](#). *Toona sinensis* Inhibits LPS-Induced Inflammation and Migration in Vascular Smooth Muscle Cells via Suppression of Reactive Oxygen Species (ROS) and NF- $\kappa$ B Signaling Pathway. *Oxidative Medicine and Cellular Longevity*. (2014) (2014: 901315) (53/187, CELL BIOLOGY : IF=4.492)
37. [You-Cheng Hseu](#), CC Lee, CY Chang, KJS Kumar, CS Chen, HC Huang, HL Yang. Antioxidant activities of *Antrodia salmonea* in submerged culture using *in vitro* antioxidant models and protecting human erythrocytes and low density lipoproteins against oxidative modification. *Food and Chemical Toxicology*. (2014) 66, 150-157. (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584).
38. LC Chen, JC Wu, YF Tuan, YK Tseng, [You-Cheng Hseu](#), SC Chen. Molecular mechanisms of 3,3'-dichlorobenzidine-mediated toxicity in HepG2 cells. *Environmental and Molecular Mutagenesis*. (2014), DOI: 10.1002/em.21858. (46/225, ENVIRONMENTAL SCIENCES : IF=3.326).
39. [You-Cheng Hseu](#), KJS Kumar, CS Chen, HJ Cho, SW Lin, PC Shen, CW Lin, FJ Lu, HL Yang. The Inflammatory Potential of Humic Acid in Drinking Well Water: A Possible Role in Atherosclerosis. *Toxicology and applied Pharmacology* (2014), 274, 249-262. (12/90, TOXICOLOGY : IF=3.847)
40. HL Yang, HC Chang, SW Lin, KJS Kumar, CH Liao, HM Wang, KY Lin, [You-Cheng Hseu\\*](#). *Antrodia salmonea* inhibits TNF- $\alpha$ -induced angiogenesis and atherogenesis in human endothelial cells through the down-regulation of NF- $\kappa$ B and up-regulation of Nrf2 signaling pathways. *Journal of Ethnopharmacology*. 2014, 151, 394-406. (2/24, INTEGRATIVE & COMPLEMENTARY MEDICINE Ranking: IF=3.055).
41. HR Lin, YC Chen, YJ Lin, MH Ling, CW Chou, [You-Cheng Hseu](#), YH Kuo, KJS Kumar. pH-Sensitive Hollow Alginate-Chitosan Hydrogel Beads for Bitter Gourd Delivery. *International Journal of Polymer Materials* (2014). 63 (1) DOI:10.1080/00914037.2013.769246. (IF=1.2).
42. CW Chou, JM Yang, TS Yang, YC Shih, HH Hsieh, KH Chang, KS Chen, WL Tzu, [You-Cheng Hseu](#), YS Wei. (2014). Cysteine Conjugated Gold Nanoparticles and their Scavenging Free Radicals Properties. *Advanced Materials Research*. 974:112-115. (E1).
43. [You-Cheng Hseu](#), JC Sung, BS Shieh, SC Chen. *Burkholderia pseudomallei* infection induces the expression of apoptosis-related genes and proteins in mouse macrophages. *Journal of Microbiology, Immunology, and Infection*. (2014) 47(5):394-8 (46/23, microbiology: IF=0.987).
44. SM Li, GX Chou, [You-Cheng Hseu](#), HL Yang, HY Kwan, ZL Yu. Isolation of anticancer constituents from Flos Genkwa (*Daphne genkwa* Sieb.et Zucc. through bioassay-guided procedures. (2013). *Chemistry Central Journal*, 7, 159 (62/163, CHEMISTRY, MULTIDISCIPLINARY IF=2.552)
45. CY Lo, PL Liu, LC Lin, YT Chen, [You-Cheng Hseu](#), ZH Wen, HM Wang. Anti-melanoma and Anti-tyrosinase from *Alpinia galangal* Constituents. *The Scientific World Journal*. (2013) ID 186505. (13/56, Multidisciplinary Sciences : IF=1.219)
46. CM Lin, CL Fang, [You-Cheng Hseu](#), CL Chen, JW Wang, SL Hsu, MD Tu, ST Hung, C Tai, YH Uen, KY Lin. Clinical and Prognostic Implications of Transcription Factor SOX4 in Patients with Colon Cancer. *PLoS ONE* (2013). DOI: 10.1371/journal.pone.0067128. (11/63, Biology: IF=3.057).
47. CW Chou, HH Hsieh, [You-Cheng Hseu](#), KS Chen, HC Chang, GJ Wang, YL Pan, YS Wei, KH Chang, YW Harn. Biopolymer coated gold nanocrystals prepared using the green chemistry approach and their shape-dependent catalytic and surface-enhanced Raman scattering properties. *Physical Chemistry Chemical Physics*. (2013). 15, 11275-11286. 6/35, PHYSICS, ATOMIC, MOLECULAR & CHEMICAL: IF=4.449).
48. HC Huang, MK Lin, YH Ling, [You-Cheng Hseu](#), CC Liaw, YH Tseng, M Tsuzuki, YH Kuo. Cardenolides and Bufadienolide Glycosides from *Kalanchoe tubiflora* and Evaluation of Cytotoxicity, *Planta Medica* (2013), 79(14):1362-9. (70/209, PLANT SCIENCE, Ranking: IF=1.990)
49. K.J.S. Kumar, HL Yang, YC Tsia, PC Hung, SH Chang, HW Lo, PC Shen, SC Chen, HM Wang, CW Chou\*, [You-Cheng Hseu\\*](#). Lucidone Protects Human Keratinocytes Against AAPH-Induced Oxidative Damage and Inflammation through Up-regulation of Nrf2 Antioxidant Genes and Down-regulation of NF- $\kappa$ B/MAPKs Signaling Pathways. *Food and Chemical Toxicology*. (2013) 59, 55-61 (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584).
50. HL Yang, KY Lin, YC Juan, KJS Kumar, TD Way, PC Shen, SC Chen, [You-Cheng Hseu\\*](#). The anti-cancer activity of *Antrodia camphorata* against human ovarian carcinoma (SKOV-3) cells via modulation of HER-2/*neu* signaling pathway. *Journal of Ethnopharmacology*. 2013, 148, 254-265 (2/24, INTEGRATIVE & COMPLEMENTARY MEDICINE Ranking: IF=3.055).
51. LW Lin, YH Kuo, [You-Cheng Hseu](#), CW Tsai, MT Hsieh, SC Chen, CR Wu. Osthole improves spatial memory deficits in rats via hippocampal  $\alpha$ 1-adrenergic and D1/D2 receptors. *Evidence-Based Complementary and Alternative Medicine*. (2013). Article ID 273682, <http://dx.doi.org/10.1155/2013/273682>. (7/24, INTEGRATIVE & COMPLEMENTARY MEDICINE : IF=1.931).
52. K.J.S. Kumar, MG Vani, JW Liao, SY Wang, LS Hsu, HL Yang, [You-Cheng Hseu\\*](#). *In Vitro* and *In Vivo* Studies Disclosed the

- Depigmenting Effects of Gallic Acid: An Emerging Candidate for Hyperpigmentary Skin Diseases. **Biofactors** (2013). DOI: 10.1002/biof.1064 (IF = 4.504; 26/133, ENDOCRINOLOGY & METABOLISM)
53. CY Hsiang, [You-Cheng Hseu \(Co-First Author\)](#), YC Chang, K.J.S. Kumar, TY Ho, Hsin-Ling Yang\*. *Toona sinensis* and its major bioactive compound gallic acid inhibit LPS-induced inflammation in nuclear factor- $\kappa$ B transgenic mice as evaluated by *in vivo* bioluminescence imaging. **Food Chemistry** (2013) 136, 426-434. (7/125, FOOD SCIENCE & TECHNOLOGY : IF=4.052)
  54. HC Huang, CC Liaw, HL Yang, [You-Cheng Hseu](#), HT Kuo, YC Tsai, SC Chien, S Amagaya, YC Chen, YH Kuo. Lanostane triterpenoids and sterols from *Antrodia camphorata*. **Phytochemistry**. 2012, 84, 177-183. (PLANT SCIENCES Ranking: 44/209, IF=2.779).
  55. CL Fang, [You-Cheng Hseu](#), YF Lin, ST Hung, C T, YH Uen, KY Lin. Clinical and Prognostic Association of Transcription Factor SOX4 in Gastric Cancer. **PLoS ONE** (2012). 7, e52840. (11/63, Biology : IF=3.057)
  56. CC Yeh, JI Yang, JC Lee, CN Tseng, YC Chan, [You-Cheng Hseu](#), JY Tang, LY Chuang, HW Huang, FR Chang, HW Chang. Anti-proliferative effect of methanolic extract of *Gracilaria tenuistipitata* on oral cancer cells involves apoptosis, DNA damage, and oxidative stress. **BMC Complementary and Alternative Medicine**. (2012) 12, 142. (IF = 1.987; 5/24, INTEGRATIVE & COMPLEMENTARY MEDICINE)
  57. [You-Cheng Hseu](#), HT Tsou, K.J.S. Kumar, KY Lin, HW Chang, HL Yang. The anti-tumor activity of *Antrodia camphorata* in melanoma cells: modulation of Wnt/ $\beta$ -catenin signaling pathways. **Evidence-based Complementary and Alternative Medicine**. 2012, ID 297309, doi:10.1155/2012/197309 (7/24, INTEGRATIVE & COMPLEMENTARY MEDICINE : IF=1.931).
  58. Yang HL and [You-Cheng Hseu](#). New anticancer drug discovery from *Antrodia camphorata* against breast cancer. Journal of Chang-Gung University of Science and technology. 2012, 16, 15-24.
  59. PJ Huang, [You-Cheng Hseu \(Co-First Author\)](#), MS Lee, K.J.S. Kumar, CR Wu, LS Hsu, JW Liao, IS Cheng, YT Kuo, SY Huang, HL Yang. *In vitro* and *in vivo* activity of gallic acid and *Toona sinensis* leaf extracts against HL-60 human premyelocytic leukemia. **Food and Chemical Toxicology**. (2012) 50, 3489-3497. (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584).
  60. CY Yen, CC Chiu, RW Haung, CC Yeh, KJ Huang, KF Chang, [You-Cheng Hseu](#), FR Chang, HW Chang, YC Wu. Antiproliferative effects of goniotalamin on Ca9-22 oral cancer cells through apoptosis, DNA damage and ROS induction. **Mutation Research - Genetic Toxicology and Environmental Mutagenesis**. 2012, 747, 253-258 (46/90, TOXICOLOGY : IF=2.254)
  61. KY Lin, LH Wang, [You-Cheng Hseu](#), CL Fang, HL Yang, K.J.S. Kumar, C Tai, YH Uen. Clinical Significance of Increased Guanine Nucleotide Exchange Factor Vav3 Expression in Human Gastric Cancer. **Molecular Cancer Research**. 2012, 10, 750-759 (44/213, ONCOLOGY : IF=4.510)
  62. CC Lee, HL Yang, TD Way, K.J.S. Kumar, YC Juan, HJ Cho, KY Lin, LS Hsu, SC Chen, [You-Cheng Hseu\\*](#). Inhibition of cell growth and induction of apoptosis by *Antrodia camphorata* in HER-2/*neu*-overexpressing breast cancer cells through the induction of ROS, depletion of HER-2/*neu*, and disruption of the PI3K/Akt signaling pathway. **Evidence-based Complementary and Alternative Medicine**. 2012, ID 702857, doi:10.1155/2012/702857 (7/24, NTEGRATIVE & COMPLEMENTARY MEDICINE : IF=1.931)
  63. [You-Cheng Hseu](#), MS Lee, CR Wu, HJ Cho, KY Lin, GH Lai, SY Wang, YH Kuo, K.J.S. Kumar, HL Yang. The Chalcone Flavokawain B Induces G<sub>2</sub>/M Cell-cycle Arrest and Apoptosis in Human Oral Carcinoma HSC-3 Cells through the Intracellular ROS Generation and Down-regulation of the Akt/p38 MAPK Signaling Pathway. **Journal of Agricultural and Food Chemistry** (2012), 60 (9), p2385–2397. (3/57, AGRICULTURE, MULTIDISCIPLINARY : IF=2.857)
  64. [You-Cheng Hseu](#), CW Chou, K.J.S. Kumar, KT Fu, HM Wang, LS Hsu, YH Kuo, CR Wu, SC Chen, HL Yang. Ellagic acid protects human keratinocyte (HaCaT) cells against UVA-induced oxidative stress and apoptosis through the upregulation of the HO-1 and Nrf-2 antioxidant genes. **Food and Chemical Toxicology**. (2012), 50, p1245-1255. (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584).
  65. CY Chen, KC Cheng, AY Chang, YT Lin, [You-Cheng Hseu](#), HM Wang. 10-Shogaol, an Antioxidant from *Zingiber officinale* for Skin Cell Proliferation and Migration Enhancer. **International Journal of Molecular Sciences** (2012) 13, 1762-1777. (52/163, CHEMISTRY, MULTIDISCIPLINARY : IF=3.257).
  66. HL Yang, SC Chen, KJS Kumar, KN Yu, PDL Chao, YC Hou, [You-Cheng Hseu\\*](#). Anti-oxidant and Anti-inflammatory Potential of Hesperetin Metabolites Obtained from Hesperetin-Administered Rat Serum: An *Ex vivo* Approach. **Journal of Agricultural and Food Chemistry**. (2012) 60, 522-532. (3/57, AGRICULTURE, MULTIDISCIPLINARY : IF=2.857)
  67. YH Chen, CW Yeh, HC Lo, SL Su, [You-Cheng Hseu](#), LS Hsu. Generation of reactive oxygen species mediates butein-induced apoptosis in neuroblastoma cells. **Oncology Reports**. (2012) 27, 1233-1237. (130/213, Oncology : IF=2.486).
  68. HY Ju, SC Chen, KJ Wu, HC Kuo, [You-Cheng Hseu](#), H Ching, CR Wu. Antioxidant phenolic profile from ethyl acetate fraction of *Fructus Ligustri Lucidi* with protection against hydrogen peroxide-induced oxidative damage in SH-SY5Y cells. **Food and Chemical Toxicology**. (2012) 50, 492-502. (13/125, FOOD SCIENCE & TECHNOLOGY : IF=3.584).
  69. E Lin, WH Lin, SY W, CS Chen, JW Liao, HW Chang, SC Chen, KY Lin, L Wang, HL Yang, [You-Cheng Hseu\\*](#). Flavokawain B Inhibits Growth of Human Squamous Carcinoma Cells: Involvement of Apoptosis and Cell Cycle Dysregulation *in Vitro* and *in Vivo*. **Journal of Nutritional Biochemistry** (2012) 23, 368-378. (9/80, NUTRITION : IF=4.668)
  70. MS Lee, [You-Cheng Hseu](#), GH Lai, WT Chang, HJ Chen, CH Huang, MS Lee, MY Wang, JY Kao, BJ You, WH Lin, YY Lien, MK Lin.

- High Yield Expression in a Recombinant *E. coli* of a Codon Optimized Chicken Anemia Virus Capsid Protein VP1 useful for Vaccine Development. **Microbial Cell Factories** (2011)10: 56. (35/157, BIOTECHNOLOGY & APPLIED MICROBIOLOGY : IF=3.552)
71. HL Yang, SC Chen, KY Lin, MT Wang, YC Chen, HC Huang, YH Kuo, L Wang, K.J.S. Kumar, [You-Cheng Hseu\\*](#). Antioxidant activities of aqueous leaf extracts of *Toona sinensis* on free radical-induced endothelial cell damage. **Journal of Ethanopharmacology**. (2011) 137, 669-680. (2/24, INTEGRATIVE & COMPLEMENTARY MEDICINE Ranking: IF=3.055)
  72. CW Chou, YH Kuo, [You-Cheng Hseu](#), YS Chen, TH Wu. (2011) Study on the Preparation, Property and Drug Release Carrier of Chitosan-based Nanoparticles for Cancer Treatment. *Advanced Materials Research*. 284:1800-1803. (EI)
  73. SC Chen, [You-Cheng Hseu](#), JC Sung, CH Chen, LC Chen, KT Chung. Induction of DNA damage signaling genes in benzidine-treated Hep G2 cells. **Environmental and Molecular Mutagenesis**. (2011) 52, 664-672. (46/225, ENVIRONMENTAL SCIENCES: IF=3.326)
  74. [You-Cheng Hseu](#), CR Wu, HW Chang, K.J.S. Kumara, MK Lin, CS Chen, HJ Cho, CY Huang, CY Huang, HZ Lee, WT Hsieh, JG Chung, HM Wang, HL Yang. Inhibitory effects of *Physalis angulata* on tumor metastasis and angiogenesis. **Journal of Ethanopharmacology**. (2011) 135, 762-771. (2/24, INTEGRATIVE & COMPLEMENTARY MEDICINE Ranking: IF=3.055)
  75. JC Wu, [You-Cheng Hseu \(Co-First Author\)](#), JS Tsai, LC Chen, SM Chye, CH Chen, SC Chen. Fenthion and terbufos induce DNA damage, the expression of tumor-related genes, and apoptosis in HepG2 cells. **Environmental and Molecular Mutagenesis**. (2011) 52, 529-537. (46/225, ENVIRONMENTAL SCIENCES: IF=3.326)
  76. KY Lin, C Tai, JC Hsu, CF Li, CL Fang, HC Lai, [You-Cheng Hseu](#), YF Lin, YH Uen. Overexpression of Nuclear Protein Kinase CK2 $\alpha$  Catalytic Subunit (CK2 $\alpha$ ) as a Poor Prognosticator in Human Colorectal Cancer. **PLoS One** (2011), 6(2); e17193. (12/85, Biology : IF=3.057)
  77. [You-Cheng Hseu](#), SC Chen, WH Lin, MK Lin, DZ Hung, MT Wang, HJ Cho, YH Kuo, HL Yang. *Toona sinensis* (leaf extracts) inhibit vascular endothelial growth factor (VEGF)-induced angiogenesis in vascular endothelial cells. **Journal of Ethanopharmacology**. (2011) 134, 111-121. (2/24, INTEGRATIVE & COMPLEMENTARY MEDICINE Ranking: IF=3.055)
  78. CR Wu, WH Lin, [You-Cheng Hseu](#), YT Lin, TP Kuo, H Ching. Evaluation of the antioxidant activity of five endemic *Ligustrum* species leaves from Taiwan flora *in vitro*. **Food Chemistry**. (2011) 127; 564-571. (7/125, FOOD SCIENCE & TECHNOLOGY : IF=4.052)
  79. MS Lee, MJ Yang, [You-Cheng Hseu](#), GH Lai, WT Chang, YH Hsu, MK Lin. One-step Reverse Transcription Loop-Mediated Isothermal Amplification Assay for Rapid Detection of Cymbidium Mosaic Virus. **Journal of Virological Methods** (2011). 173; 43-48. (112/161, BIOTECHNOLOGY & APPLIED MICROBIOLOGY : IF=1.508)
  80. WH Lin, CR Wu, TJ Fang, MS Lee, KL Lin, HC Chen, SY Huang, [You-Cheng Hseu\\*](#). Adherent properties and macrophage activation ability of three strains of lactic acid bacteria. **Journal of Food Science**. (2011) 76; M1-7. (49/125, FOOD SCIENCE & TECHNOLOGY : IF=1.649)
  81. HL Yang, YH Kuo, CT Tsai, YT Huang, SC Chen, HW Chang, E Lin, WH Lin, [You-Cheng Hseu\\*](#). Anti-metastatic activities of *Anrodia camphorata* against human breast cancer cells mediated through suppression of the MAPK signaling pathway. **Food and Chemical Toxicology**. (2011) 49, 290-298. (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584)
  82. WJ Chen, P Tang, [You-Cheng Hseu](#), CC Chen, KY Huang, SC Chen. A proteome analysis of the tetracyanonickelate (II) responses in *Klebsiella oxytoca*. **Environmental Microbiology Reports**. (2011) 3; 106-111. (40/225, ENVIRONMENTAL SCIENCES : IF=3.5)
  83. [You-Cheng Hseu](#), CS Chen, SY Wang. *Alpinia pricei* Rhizome Extracts Induce Cell Cycle Arrest in Human Squamous Carcinoma KB Cells and Suppress Tumor Growth in Nude Mice. (2011) **Evidence-based Complementary and Alternative Medicine**. vol. 2011, Article ID 123815, 11 pages, 2011 (7/24, INTEGRATIVE & COMPLEMENTARY MEDICINE : IF=1.931)
  84. CR Wu, [You-Cheng Hseu](#), JC Lien, LW Lin, YT Lin, H Ching. Triterpenoid Contents and Anti-Inflammatory Properties of the Methanol Extracts of *Ligustrum* Species Leaves. **Molecules**. (2011) 16; 1-15. (24/59, CHEMISTRY, ORGANIC : IF=2.416)
  85. CW Chou, HJ Harn, [You-Cheng Hseu](#), Yang-Chia Shih, Te-Hsing Wu. (2010) The Effect and Characteristics on Chitosan Nanoparticles with different concentration of TPP. *Advanced Materials Research*. 123(0):379-382. (EI)
  86. [You-Cheng Hseu](#), HC Huang, CY Hsiang. *Anrodia camphorata* suppresses lipopolysaccharide-induced nuclear factor- $\kappa$ B activation in transgenic mice evaluated by bioluminescence imaging. **Food and Chemical Toxicology**. (2010) 48, 2319-2325. (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584)
  87. Chan YC, Chang SC, Iiu SY, Yang HL, [You-Cheng Hseu](#), Liao JW (2010) "Beneficial effects of yam on carbon tetrachloride-induced hepatic fibrosis in rats". **J Sci Food Agri**. 91 (1); 161-169 (6/57, AGRICULTURE, MULTIDISCIPLINARY : IF=2.076)
  88. CY Yen, CC Chiu, FR Chang, YF Chen, CC Hwang, [You-Cheng Hseu](#), HL Yang, Alan YL Lee, MT Tsai, ZL Guo, YS Cheng, YC Liu, YH Lan, YC Chang, YC Ko, HW C, YC Wu. 4beta-Hydroxywithanolide E from *Physalis peruviana* (golden berry) inhibits growth of human lung cancer cells through DNA damage, apoptosis and G2/M arrest. (2010) **BMC cancer**. 10:46; doi:10.1186/1471-2407-10-46 (85/213, ONCOLOGY : IF=3.265)
  89. Tang P, [You-Cheng Hseu \(Co-First Author\)](#), Chou HH, Huang KY, Chen SC. (2009) "Proteomic analysis of the effect of cyanide on *Klebsiella oxytoca*" **Current Microbiology**. 54, 190-194 (98/123, Microbiology : IF=1.519)
  90. JC Wu, [You-Cheng Hseu \(Co-First Author\)](#), CH. Chen, SH Wang, SC Chen. Comparative investigations of genotoxic activity of five nitriles in the comet assay and the Ames test. (2009) **Journal of Hazardous Materials**. 169, 492-497. (1/125, ENGINEERING,



CIVIL : IF=6.065)

91. YF Chen, R-C Chen, Y-K Chan, R-H Pan, [You-Cheng Hseu\\*](#), E Lin\*. Design of Multiplex PCR Primers Using Heuristic Algorithm for Sequential Deletion Applications. (2009) *Computational Biology and Chemistry*. 33, 181-188 (36/99, COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS : IF=1.551)
92. [You-Cheng Hseu](#), E Lin, JY Chen, YR Liu, CY Huang, FJ Lu, JW Liao, SC Chen, HL Yang. (2009) Humic Acid Induces G1 Phase Arrest and Apoptosis in Cultured Vascular Smooth Muscle Cells. *Environmental Toxicology*. 24, 243-258. (7/85, WATER RESOURCES: IF=2.868)
93. HL Yang, SC Chen, CS Chen, SY Wang, [You-Cheng Hseu\\*](#). (2008) *Alpinia pricei* rhizome extracts induce apoptosis of human carcinoma KB cells via a mitochondria-dependent apoptotic pathway. *Food and Chemical Toxicology*. 46, 3318-3324. (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584)
94. [You-Cheng Hseu\\*](#), SC Chen, YJ Yech, L Wang, HL Yang. (2008) Antioxidant activity of *Antrodia camphorata* on free radical-induced endothelial cell damage *Journal of Ethnopharmacology*. 118, 237-245. (2/24, INTEGRATIVE & COMPLEMENTARY MEDICINE Ranking: IF=3.055)
95. [You-Cheng Hseu\\*](#), SC Chen, HC Chen, JW Liao, HL Yang. (2008). *Antrodia camphorata* inhibits proliferation of human breast cancer cells *in vitro* and *in vivo*. *Food and Chemical Toxicology*. 46, 2680-2688. (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584)
96. Chye SM, [You-Cheng Hseu \(Co-First Author\)](#), Liang SH, Chen CH, Chen SC. (2008) Single Strand DNA Breaks in Human Lymphocytes Exposed to para-Phenylenediamine and Its Derivatives. *Bulletin of Environmental Contamination and Toxicology*. 80, 58-62 (158/225, ENVIRONMENTAL SCIENCES Ranking: IF=1.191)
97. [You-Cheng Hseu](#), Chen SC, Chen YL, Chen JY, Lee ML, Lu FJ, Wu FY, Lai JS, Yang HL. (2008) Humic Acid Induced Genotoxicity in Human Peripheral Blood Lymphocytes Using Comet and Sister Chromatid Exchange Assay. *Journal of Hazardous Materials* 153, 784-791. (1/125, ENGINEERING, CIVIL : IF=6.065)
98. [You-Cheng Hseu](#), Chang WH, Chen CS, Huang CJ, Lu FJ, Chia YC, Hsu HK, Wu JJ, Yang HL. (2008) Antioxidant Activities of *Toona sinensis* Extracts Using Different Antioxidant Models. *Food and Chemical Toxicology*. 46, 106-114. (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584)
99. Chen CS, [You-Cheng Hseu \(Co-First Author\)](#), Liang SH, Kuo JY, Chen SC. (2008) Assessment of Genotoxicity of Methyl-tert-butyl ether, Benzene, Toluene, Ethylbenzene, and Xylene to Human Lymphocytes Using Comet Assay. *Journal of Hazardous Materials*. 153, 351-356 (1/125, ENGINEERING, CIVIL : IF=6.065)
100. [You-Cheng Hseu](#), Chen SC, Tsai PC, Chen CS, Lu FJ, Chang NW, Yang HL. (2007) Inhibition of Cyclooxygenase-2 and Induction of Apoptosis in Estrogen-Nonresponsive Breast Cancer Cells by *Antrodia camphorata*. *Food and Chemical Toxicology*. 45, 1107-1115. (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584)
101. Kao CM, [You-Cheng Hseu](#), Huang YL, Tang P, Chen SC. (2007) Inhibition of cyanide-insensitive respiration in *Klebsiella oxytoca* SYSU-011 by 8-hydroxyquinolone. *Current Microbiology*. 54, 190-194 (98/123, Microbiology : IF=1.519)
102. Yang HL, Chang WH, Chia YC, Huang CJ, Lu FJ, Hsu HK, [You-Cheng Hseu\\*](#). (2006) *Toona sinensis* extracts induces apoptosis via reactive oxygen species in human premyelocytic leukemia cells. *Food and Chemical Toxicology*. 44, 1978-1988 (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584)
103. Yang HL, Chen SC, Chang NW, Chang JM, Lee ML, Tsai PC, Fu HH, Kao WW, Chiang HC, Wang HH, [You-Cheng Hseu\\*](#). (2006) Protection from Oxidative Damage using *Bidens pilosa* Extracts in Normal Human Erythrocytes. *Food and Chemical Toxicology*. 44, 1513-1521 (13/125, FOOD SCIENCE & TECHNOLOGY: IF=3.584)
104. HL Yang, CS Chen, W H Chang, F J Lu, Y C Lai, C C Chen, T H Hseu, CT Kuo, [You-Cheng Hseu\\*](#). (2006) Growth inhibition and induction of apoptosis in MCF-7 breast cancer cells by *Antrodia camphorata*. *Cancer Letters*. 231, 215-227 (23/213, ONCOLOGY : IF= 5.992)
105. Yang HL, [You-Cheng Hseu\\*](#), Chen JY, Yech YJ, Lu FJ, Wang HH, Wang BC. (2006) *Antrodia camphorata* in Submerged Culture Protects Low Density Lipoproteins against Oxidative Modification. *The American Journal of Chinese Medicine* 34, 217-231 (3/24, INTEGRATIVE & COMPLEMENTARY MEDICINE: IF=2.959)
106. [You-Cheng Hseu](#), Wu FY, Chen JY, Chang WH, Lu FJ, Wu JJ, and Yang HL. (2005) Anti-inflammatory potential of *Antrodia camphorata* through inhibition of iNOS, COX-2 and cytokines via the NF- $\kappa$ B pathway. *International Immunopharmacology*. 5, 1914-1925 (106/255, PHARMACOLOGY & PHARMACY ; IF= 2.551)
107. [You-Cheng Hseu](#), Yang HL, Lai YC, Lin JG, Chen GW and Chang YH. (2004) Induction of apoptosis by *Antrodia Camphorata* in human premyelocytic leukemia HL-60 cells. *Nutrition and Cancer*. 48(2), 189-197. (45/80, NUTRITION & DIETETICS : IF: 2.241)
108. Yang HL, [You-Cheng Hseu\\*](#), Hseu YT, Lu FJ, Lin E, and Lai JS. (2004) Humic Acid Induces Apoptosis in Human Premyelocytic Leukemia HL-60 Cells. *Life Science*. 75, 1817-1831 (55/121, MEDICINE, RESEARCH & EXPERIMENTAL : IF: 2.685)
109. [You-Cheng Hseu](#), Hwrng HW, Wang SY, Chen HY, Chang WC and Yang HL. (2002) Humic Acid Induces the Generation of Nitric Oxide in Human Umbilical Vein Endothelial Cells : Stimulation of Nitric Oxide Synthase during Cell Injury. *Free Radical Biology &*



- Medicine*. 32, 619-629 (14/133, ENDOCRINOLOGY & METABOLISM, IF=5.784)
110. [You-Cheng Hseu](#), Wang SY, Chen HY and Yang HL. (2002) Humic Acid Induces Apoptosis in Human Endothelial Cells. *Toxicology and Applied Pharmacology* 182, 34-43 (12/90, TOXICOLOGY : IF=3.847)
111. [You-Cheng Hseu](#), Chang WC, Hseu YT, Lee CY, Yech YJ, Chen PC and Yang HL. (2002) Protection of Oxidative Damage by Water Extract from *Antrodia Camphorata* Mycelia in Normal Human Red Blood Cells. *Life Sciences* 71, 469-482 (55/121, MEDICINE, RESEARCH & EXPERIMENTAL : IF: 2.685)
112. [You-Cheng Hseu](#) and Yang HL. (2002) The effects of humic acid-arsenate complexes on human red blood cells. *Environmental Research* 89, 131-137 (44/229, ENVIRONMENTAL SCIENCES : IF=3.835)
113. [You-Cheng Hseu](#), Chang WC and Yang HL. (2001) The inhibition of human plasma activity by humic acids using arsenic. *Science of the Total Environment*, 273, 93-99. (22/229, Environmental Science: IF=4.9)
114. [You-Cheng Hseu](#), Lu FJ, Yang HL. (2000) Humic acid-induced echinocyte transformation in human erythrocytes : characterization of morphological changes and determination of the mechanism underlying damage. *J Toxicol. Environ. Health*, 60, 215-230. (86/225, ENVIRONMENTAL SCIENCES : IF=2.243)
115. Yang HL, [You-Cheng Hseu](#), Lu FJ. (2000) Effects of synthetic humic acid on viability and coagulant properties (ET-1, t-PA and PAI-1) of human umbilical vein endothelial cells. *Mid-Taiwan J Med*. 5, 101-108.
116. Yang HL, [You-Cheng Hseu](#), Lu FJ and Tsai HD. (1998) Humic acid reduces protein C-activating cofactor activity of thrombomodulin of human umbilical vein. *British J Hematology* 101, 16-23. (9/70, HEMATOLOGY : IF=5.812)
117. Lo CC, Hsu JH, [You-Cheng Hseu](#), Chiang CM, Wu WG, Fann W, Tsao PH. (1998) Effect of D57N mutation on membrane activity and molecular unfolding of cobra cardiotoxin. *Biophysical Journal* 75, 2382-8. (18/72, BIOPHYSICS : IF= 3.632)
118. Vyas AA, Pan JJ, Patel H, Vyas KA, Chiang CM, [You-Cheng Hseu](#), Hwang JK, Wu W. (1997) Analysis of binding of cobra cardiotoxins to heparin reveals a new  $\beta$ -sheet heparin-binding structural motif. *J Biol Chem* 272, 9661-9670. (71/289, BIOCHEMISTRY & MOLECULAR BIOLOGY : IF= 4.258)
119. Chien KY, Chiang CM, [You-Cheng Hseu](#), Vyas AA, Rule GS, Wu W. (1994) Two distinct types of cardiotoxin as revealed by the structure and activity relationship of their interaction with zwitterionic phospholipid dispersions. *J Biol Chem*. 169, 14473-14483. (71/289, BIOCHEMISTRY & MOLECULAR BIOLOGY : IF= 4.258)