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Education :

M.S., Institute of Radiobiology, National Tsing-Hua University

Career Experience :

Professor, Central Taiwan University of Science and Technology

Courses Taught :

Anatomy, Physiology, Radiobiology

Professional Fields :

Anatomy, Physiology, Radiobiology

Research Interests :

Cancer Biology
Radiobiology
Cell Biology

Representative Publication in 5 Years :

Representative Publication :

2016

1. Wan-Chen Chen, Li-Shun Chen, Ching-Ni Lin, **Song-Shei Lin***, Chun-Yi Lin. VR RENDER Software to Evaluate Tc-99m ECD Brain Blood Perfusion SPECT Cerebral Blood Volume in Obstructive Sleep Apnea Patients before and After Treatment, Taiwanese Journal of Applied Radiation and Isotope. 2016 12(1):1245-1252.
2. Wen-Chang Chen, Wei-Ming Lin, Yuan-Hsiung Tsai, and **Song-Shei Lin***, Increased Diagnostic Accuracy of Post-Contrast MR 3D-STIR for Brachial Plexus Injury. Journal of Medical Imaging and Health Informatics 2016, Vol. 6, 1767–1771, (SCI, IF:0.877)

2015

3. Sing-Chen Wu, Feng-Ling Kuo, Ling-Ju Chuang, Ming-Han Wu, Chien-Chung Tsai, Kuan-Chi Chiu, **Song-Shei Lin***: The Application of Head Fixed Aids for Wheelchair Using and Immobility Patients during Chest X-ray Examinations. C J Radiologic Tech 2015; 39(2): 72-78.
4. Shou-Cheng Wang, Hong-Xue Ji, Chieh-Lun Hsiao, Tzu-Chia Wang, Yun-Ru Syu, Chia-En Miao, Lin-Lin Hou, **Song-Shei Lin***, Wen-Shin Chang* and Chia-Wen Tsai*: Protective Effects of Pyridoxamine Against UVC-induced Programmed Cell Death in HaCaT Cells. IN VIVO, 2015, 29: 379-384. (SCI, IF:0.987)

2014

5. Kuang-Hsin Liu., Shou-Cheng Wang, Chin-Lung Hsu, Yao-Chen Chuang, Yi-Min Lee, **Song-Shei Lin***: (2014) Curcumin Enhances Radiation-Induced Cytotoxicity Via Suppression of NF-κB Activation in

Breast Cancer MCF-7 Cells C J Radiologic Tech 2014; 38(1): 1-8

6. Yu-Lung Lu, Chun-Chieh Chen, Li-Han Lin, **Song-Shei Lin**: (2014) The Application of Cross-table Oblique Cervical Spine Radiographs for Patients with Suspected Cervical Spine Injuries in Emergency Rooms. C J Radiologic Tech 2014; 38(1): 34-38.
7. Sue-Fung Chen, Shou-Cheng Wang, Chin-Lung Hsu, Yi-Min Lee, Yao- Chen Chuang, **Song-Shei Lin***: Radioprotective Effects of Pyridoxamine after UVC Exposure in HaCat Cells. C J Radiologic Tech 2014; 38(3): 127-133.
8. Kun-Ching Li, Yu-Chang Liu, I-Tsang Chiang¹, Hsin-Hsiung Chen*, **Song-Shei Lin*** Curcumin Inhibits Radiation-induced Lung Injury Via Suppression of Radiation-Increased TNF- α and IL-6 Expression in Mice. C J Radiologic Tech 2014; 38(4): 188-195.

2013

9. Shou-Cheng Wang, Sue-Fung Chen, Yi-Min Lee, Chin-Liang Chuang, Da-Tian Bau and **Song-Shei Lin***: (2013) Baicalin Scavenges Reactive Oxygen Species and Protects Human Keratinocytes Against UVC-induced Cytotoxicity. IN VIVO 27(6): 707-714. (SCI, IF:1.264)
10. Chang WS, **Lin SS**, Li FJ, Tsai CW, Li LY, Lien CS, Liao WL, Wu HC, Tsai CH, Shih TC, Bau DT(2013) Significant association of caveolin-1 (CAV1) genotypes with upper urothelial tract cancer. Anticancer Res. Nov;33(11):4907-12. (SCI, IF: 1.872)
11. Jen-Sheng Pei, Yi-Min Lee, Hsueh-Hsia Lo, Yuan-Nian Hsu, **Song-Shei Lin*** and Da-Tian Bau: (2013) Association of X-ray Repair Cross-complementing-6 Genotypes with Childhood Leukemia. Anticancer Res. 33(12): 5395-5400. (SCI, IF: 1.872)

2012

12. Wang WH, Chiang IT, Ding K, Chung JG, Lin WJ, **Lin SS**, Hwang JJ*: (2012) Curcumin-Induced Apoptosis in Human Hepatocellular Carcinoma J5 Cells: Critical Role of Ca²⁺-Dependent Pathway, Evid Based Complement Alternat Med Volume 2012, Article ID 512907, 7 pages, doi:10.1155/2012/512907 (SCI, , IF:4.774)
13. Yuan-Sin Tsai, **Song-Shei Lin***, Shou-Cheng Wang.: (2012) Optimization of coronary angiography of subcostal view via taguchi methodology, Chinese Journal of Radiologic Technology 2012; 36(1): 1-8
14. Pei JS, Liu CC, Hsu YN, Lin LL, Wang SC, Chung JG, Bau DT and **LIN SS***: (2012) Amentoflavone Induces Cell Cycle Arrest and Apoptosis in MCF-7 Human Breast Cancer Cells via Mitochondria-dependent Pathway. IN VIVO. 2012 Nov-Dec;26(6):963-70. (SCI, IF:1.264)
15. Hsien-Wen Chiang, Tou-Rong Chen, **Song-Shei Lin**, Hsien-Jen Chiang, Shih-Yu Chao: (2012) The Dose and Spatial Radiation Assessment of Mobile X-ray Machine in Operating Room. C J Radiologic Tech 2012; 36(4): 216- 222.

2011

16. Wu PP, Chung HW, Liu KC, Wu RS, Yang JS, Tang NY, Lo C, Hsia TC, Yu CC, Chueh FS, **Lin SS**, Chung JG:(2011) Diallyl sulfide induces cell cycle arrest and apoptosis in HeLa human cervical cancer cells through the p53, caspase- and mitochondria-dependent pathways. Int. J. Oncol. 386:1605-1613. (SCI, IF:2.447)

17. Ko TL, Wu TH, Lin LL, Cheung JY, Lee YM, Chiang IT, **Lin SS***: (2011) Inhibited Effects of Curcumin on UV-induced Cell Migration and Expression of Matrix Metalloproteinases in Liver Cancer Cells, Chinese Journal of Radiologic Technology 2011; 35(2): 131-136.
18. Chen CL, Chen CC, Lin TY, Chang WB, Chao SY, Ou HY, **Lin SS** : (2011)The application in children's chest x-rays exam using head-neck pillow, Chinese Journal of Radiologic Technology 2011; 35(2): 70-75.
19. Chang CC, Lin LL, Lin CC, Wu TH, Lee YM, **Lin SS***: (2011)Effects of ionizing radiation on cell cycle and cell motility in breast cancer cells, Chinese Journal of Radiologic Technology, 35(3): 187-193.
20. Chang WS, Tsai CW, Lin CC, Lin CH, Shen WC, **Lin SS**, Bau DT: (2011) Earthworms repair H2O2-induced oxidative DNA adducts without removing UV-induced pyrimidine dimmers. In Vivo. 2011 Nov-Dec;25(6):977-81. (SCI, IF:1.264)
21. Hsu CF, Chang CN, Hsu PH, Chang WS, Wu CN, **Lin SS**, Sun SS, Shih YH, Tsai CW, Bau DT*, Tsai RY: (2011)The Association of COX-2 genotypes with pterygium formation in Taiwan, Adaptive Medicine, 3(1):21-26.

Seminar/Conference :

2016

1. 陳文昌 **林松水** (2016)磁敏感加權影像對肝腫瘤之研究, 中華民國醫事放射學會第 49 次年會暨國際醫學影像研討會, 3 月 27 日, 臺中市, 台灣
2. 李昆環 **林松水**(2016) 運用小鼠模式探討薑黃素對放射線誘導肺損傷之效應與機制, 中華民國醫事放射學會第 49 次年會暨國際醫學影像研討會, 3 月 27 日, 臺中市, 台灣
3. Wen-Chang Chen, Weu-Ming Lin, Yuan-Hsuing Tsai, **Song-Shei Lin**(2016) Increase diagnostic accuracy of brachial plexus injury via post-contrast MR 3D-STIR, The 5th International Conference on Biomedical Engineering and Biotechnology(ICBEB 2016) August 1~4, Hanzhou, China
4. 陳文昌 **林松水** (2016)磁共振之磁敏感加權影像於肝癌與肝血管瘤研究, 2016 中國醫師協會放射醫師年會暨第十屆全國放射醫師論壇 2016/08/26~28, 鄭州 中國

2015

5. 賴韻仔, 王守正, 許錦龍, 李意旻, 莊曜禎, **林松水**: (2015)黃芩苷(Baicalin)前處理對於中波紫外線 (Ultraviolet B)或順鉑(Cisplatin)合併處理後於人類皮膚角質細胞(HaCaT Cell)之效應, 中華民國醫事放射學會第 48 次年會暨第 22 回東亞國際學術大會, 3 月 29 日, 淡水, 台灣

2014

6. Sue-Fung Chen, Da-Tian Bau, **Song-shei Lin***: (2014) Radioprotective effect of baicalin against UVC exposure on apoptosis in Hacat cell, 中華民國醫事放射學會第 47 次年會暨國際醫學影像學術研討會, 3 月 9 日, 嘉義, 台灣
7. Hsiao CL, Chang WS, Tsai CW, Lin SS, Ji HX, Bau DT: (2014) Significant role of Caveolin-1 genotypes in Taiwan renal cell carcinoma, 第 29 屆生物醫學聯合學術年會, 3 月 15~16 日, 臺北, 臺灣
8. 賴韻仔, 陳日和, **林松水**: (2014) 桑黃可提升週邊單核球增殖的活化及誘導血癌細胞凋亡之影響,

2013

9. Sue-Fung Chen, Shou-Cheng Wang Da-Tian Bau, **Song-shei Lin***: (2013) Survival rates on radioprotection of pyridoxamine in Hacat cells for UVC exposure, 中華民國醫事放射學會第46次年會暨國際醫學影像學術研討會, 3月10日, 臺中, 臺灣
10. **Song-Shei Lin**(2013) Radioprotection of Pyridoxamine in Hacat cells against UVC, 第三屆海峽兩岸調適醫學及體適能學術研討會, 10月5~6日, 臺中, 臺灣
11. Chieh-Lun Hsiao, Wen-Shin Chang, Chia-wen Tsai, **Song-Shei Lin**, Hong-Xue Ji, Zhi-Hong Wang, Jou-Chun Chou, Da-Tian Bau and Paulus S. Wang: (2013) Importance of caveolin-1 genotypes in Taiwan renal cell carcinoma susceptibility, 第三屆海峽兩岸調適醫學及體適能學術研討會, 10月5~6日, 臺中, 臺灣
12. Wen-Shin Chang, **Song-Shei Lin**, Fang-Jing Li, Chia-wen Tsai, Long-Yuan Li, Chi-Shun Lien, Wen-Ling Liao, Hsi-Chin Wu, Chang-Hai Tsai, Tzu-Ching Shih, Da-Tian Bau: (2013) Significant association of caveolin-1(CAV1) genotypes with Taiwanese upper tract urothelial cancer, 第三屆海峽兩岸調適醫學及體適能學術研討會, 10月5~6日, 臺中, 臺灣
13. Sue-Fung Chen, Yun-Yu Lai, Shou-Cheng Wang Da-Tian Bau, **Song-Shei Lin***: (2013) Baicalin scavenged reactive oxygen species and protected Hacat cells against UVC-induced cytotoxicity, 第三屆海峽兩岸調適醫學及體適能學術研討會, 10月5~6日, 臺中, 臺灣

2012

14. Han-Yang Ho, Yi-Min Lee, Tai-Hsien, Li-Ling Lin, Jin-Yi Cheung, **Song-Shei Lin***(2012) Pyridoxamine is efficient to protect human skin keratinocyte Hacat cells from UV-induced damage and cell death, 2012 傳統中醫藥與環境壓力調適國際研討會, 4月21~22日, 臺中, 臺灣
15. Fang-Jing Li, Wen-Shin Chang, Chia-Wen Tsai, Meng-Hsuan Lee, Te-Chun Hsia, Chin-Jung Liu, Hong-Zin Lee, Hau-Yang Ho, **Song-Shei Lin**, and Da-Tian Bau: (2012) Interaction of cyclin D1 genotype and smoking habit in lung cancer, 2012 傳統中醫藥與環境壓力調適國際研討會, 4月21~22日, 臺中, 臺灣
16. Meng-Hsuan Lee, Mei-Due Yang, Meng-Chun Lu, Wen-Shin Chang, Chia-Wen Tsai, Hau-Yang Ho, **Song-Shei Lin**, Chih-Hsueh Lin, Cheng-Chieh Lin, and Da-Tian Bau: (2012) Genetic polymorphisms of non-homologous end-joining gene Ku70 and gastric, 2012 傳統中醫藥與環境壓力調適國際研討會, 4月21~22日, 臺中, 臺灣
17. Chia-Wen Tsai, Ming-Hsui Tsai, Wen-Shin Chang, Chen-Hsien Su, Wen-Ling Liao, **Song-Shei Lin**, Cheng-Nan Wu, Chih-Hsueh Lin, and Da-Tian Bau: (2012) Synergistic cytotoxic effects of arsenic trioxide plus dithiothreitol on tongue cancer primary cultured mice cells, 2012 傳統中醫藥與環境壓力調適國際研討會, 4月21~22日, 臺中, 臺灣