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Education :

Ph. D., Institute of Radiobiology, National Tsing Hua University

Career Experience :

associate professor, Central Taiwan University of Science and Technology

Courses Taught :

Radiobiology

Cancer biology

Technology of Magnetic resonance imaging

Professional Fields :

Radiobiology

Research Interests :

Radiobiology

Representative Publication in 5 Years :

Journal Articles :

1. Jiang SS, Fang WT, Hou YH, Huang SF, Yen BL, Chang JL, Li SM, Liu HP, Liu YL, Huang CT, Li YW, Jang TH, Chan SH, **Yang SJ**, Hsiung CA, Wu CW, Wang LH, Chang (2010) "Upregulation of SOX9 in Lung Adenocarcinoma and Its Involvement in the Regulation of Cell Growth and Tumorigenicity." Clinical Cancer Research. 2010 Sep 1;16(17):4363-73. (impact factor 7.3) (SCI)
2. Chen MC, Tsai WL, Tsai IC, Chan SW, Liao WC, Lin PC, **Yang SJ**. (2010) "Arteriovenous Fistula and Graft Evaluation in Hemodialysis Patients Using MDCT: A Primer" Am J Roentgenol. 2010 Mar;194(3):838-47. (impact factor 3.05) (SCI)
3. **Yang SJ**, Jiang SS, Hsiao YY, Van RC, Pan YJ, Pan RL. (2004) "Thermoinactivation analysis of vacuolar H(+)-pyrophosphatase." Biochim. Biophys. Acta / Bioenergetics 1656(2-3):88-95. (impact factor 6.35) (SCI)
4. Jiang, S. S., **Yang, S. J.**, Kuo, S. Y., Pan, R. L. (2000) "Radiation inactivation analysis of H+-pyrophosphatase from submitochondrial particles of etiolated mung bean seedlings." FEBS Lett. 468: 211-214. (impact factor 3.72) (SCI)
5. **Yang, S. J.**, Jiang, S. S., Van, R. C., Hsiao, Y. Y., Pan, R. L. (2000) "A lysine residue involved in the

inhibition of vacuolar H⁺-pyrophosphatase by fluorescein 5'-isothiocyanate." *Biochim. Biophys. Acta (Bioenergetics)* 1460: 375-383 (impact factor 6.35) (SCI)

Conference Papers :

6. Chan SH, **Yang SJ**, Lin WU, Luo TY, Liao WT. (2011) "A Prior In-Vivo Study of Tc-99m HYNIC-Herceptin in Treating Breast Cancer." The 18th Asia and Australasia conference of radiological Technologists.
7. Chan, S.H., Jiang, S.S., **Yang, S.J.** (2007) "The bystander effects MRC -5 irradiation with r-ray and diagnosis x-ray" The 5nd Rep of China-Japan-Korea International Joint Conference of Radiological Technologists and The 40th Annual Meeting of ARTROC.
8. Chan, S.H., Jiang, S.S., **Yang, S.J.** (2007) "Compare the qualities of evaluated measurements of traditional X-ray and PACS images via Taquchi methods"? The 16th ACRT and 9th NCIART
9. 陳雯淑, 江士昇, 侯雅雪, **楊素珍**, 邱淑君 (2007) "Involvement of DNA-dependent protein kinase in the radiation-induced bystander effects of human malignant Glioma cells" The 22th Joint Annual Conference of? Biomedical Sciences: P365.
10. Hou, Y. H., **Yang, S.J.**, Jiang, S.S., Chiu, S.J. (2007) "Radiation-induced bystander effect in human glioblastoma cells" The 5th Rep of China-Japan-Korea International Joint Conference of Radiological Technologists and The 40th Annual Meeting of ARTROC.
11. Chen, H.P., Jiang, S.S., **Yang, S. J.**, (2006) "Establishment of a cultured cell model for low dose radiation induced cell transformation" The 2nd Rep of China-Japan-Korea International Joint Conference of Radiological Technologists and The 14th Annual Meeting of ARTROC.
12. Chan, M.T., Jiang, S.S., **Yang, S. J.**, (2006) "Analysis of DNA copy number alteration of human fibroblast cell transformed by low dose radiation" The 2nd Rep of China-Japan-Korea International Joint Conference of Radiological Technologists and The 14th Annual Meeting of ARTROC.
13. Chen, W.H., **Yang, S. J.**, Chai, J.W. (2006) "Quantitatively assessing long-axis myocardial motion of left ventricle by using tagged cardiac MRI" The 2nd Rep of China-Japan-Korea International Joint Conference of Radiological Technologists and The 14th Annual Meeting of ARTROC.
14. **Yang, S. J.**, Cheung, C. S., Wu, C., Mao, S. J. T. (2000) "The potential role of haptoglobin in cardiovascular diseases." The Fifteenth Joint Annual Conference of Biomedical Sciences: 216.