

A. GENERAL INFORMATION

Name: **Yu-Sen Huang, M.D. Ph.D.**
Office Address: Department of Medical Imaging
National Taiwan University Hospital
No.7, Chung-Shan South Road, Taipei 100, Taiwan
E-Mail: yusen0814@gmail.com

B. EDUCATIONAL BACKGROUND

<i>Degree</i>	<i>Institution name, city and state</i>
M.D.	National Taiwan University School of Medicine
Ph.D.	National Taiwan University Department of Biomedical Engineering

C. PROFESSIONAL POSITIONS AND EMPLOYMENT

Attending Physician	Department of Medical Imaging National Taiwan University Hospital
Clinical Assistant Professor	Department of Radiology National Taiwan University College of Medicine

D. HONORS AND AWARDS

The 3 rd World Congress of Thoracic Imaging Young Investigator Award	2013
The 1 st AOWPFI Scientific Presentation Award	2016
RSROC 徐鈞論文獎第三名	2019

E. PEER-REVIEWED ARTICLES

1. **Huang YS**, Hsu HH, Chen JY, Tai MH, Jaw FS, Chang YC. Quantitative Computed Tomography of Pulmonary Emphysema and Ventricular Function in Chronic Obstructive Pulmonary Disease Patients with Pulmonary Hypertension. *Korean Journal of Radiology*. 2014;15:871-7.
2. **Huang YS**, Chang CC, Liou JM, Jaw FS, Liu KL. Transcatheter Arterial Embolization with N-Butyl-2-Cyanoacrylate for Non-Variceal Upper Gastrointestinal Bleeding in Hemodynamically Unstable Patients: Results and Predictors of Clinical Outcomes. *Journal of Vascular and Interventional Radiology*. 2014;25:1850-7.
3. Chen JL, **Huang YS***. Emphysematous Osteomyelitis of Spine. *QJM: An International Journal of Medicine*. 2016;109:427-8.
4. Chen JL, Chen JP, **Huang YS***, Tsai YC, Tsai MH, Cheng JC, Jaw FS, Kuo SH, Shieh MJ. Targeting Polo-Like Kinase 1 with a Small-Molecule Inhibitor for Radiosensitization in Esophageal Squamous Cell Carcinoma. *Strahlentherapie und Onkologie*. 2016;192:260-268.

5. **Huang YS**, Chen JL, Huang CS, Kuo SH, Jaw FS, Tseng YH, Ko WC, Chang YC. High mammographic breast density predicts locoregional recurrence after modified radical mastectomy for invasive breast cancer: a case-control study. *Breast Cancer Research*. 2016;18:120-8.
6. Ko WC, Lee YF, Chen YC, Chien N, **Huang YS**, Tseng YH, Lee JM, Hsu HH, Chen JS, Chang YC. CT-guided percutaneous microwave ablation of pulmonary malignant tumors. *Journal of Thoracic Disease*. 2016;8:S659-S665.
7. **Huang YS**, Chen JL, Hsu FM, Huang JY, Ko WC, Chen YC, Jaw FS, Yen RF, Chang YC. Response assessment of stereotactic body radiation therapy using dynamic contrast-enhanced integrated MR-PET in non-small cell lung cancer patients. *Journal of Magnetic Resonance Imaging*. 2018;47:191-199.
8. **Huang YS**, Chen JL, Chen JY, Lee YF, Huang JY, Kuo SH, Yen RF, Chang YC. Predicting tumor responses and patient survival in chemoradiotherapy-treated patients with non-small-cell lung cancer using dynamic contrast-enhanced integrated magnetic resonance-positron emission tomography. *Strahlentherapie und Onkologie*. 2019;195(8):707-18.
9. Su MY, **Huang YS**, Niisato E, Chow K, Juang JJ, Wu CK, Yu HY, Lin LY, Yang SC, Chang YC. Is a timely assessment of the hematocrit necessary for cardiovascular magnetic resonance-derived extracellular volume measurements? *J Cardiovasc Magn Reson*. 2020;22(1):77.
10. **Huang YS**, Chen JL, Chen HM, Yeh LH, Shih JY, Yen RF, Chang YC. Assessing tumor angiogenesis using dynamic contrast-enhanced integrated magnetic resonance-positron emission tomography in patients with non-small-cell lung cancer. *BMC Cancer*. 2021;21(1):348.
11. **Huang YS**, Niisato E, Su MM, Benkert T, Chien N, Chiang PY, Lee WJ, Chen JS, Chang YC. Applying Compressed Sensing Volumetric Interpolated Breath-Hold Examination and Spiral Ultrashort Echo Time Sequences for Lung Nodule Detection in MRI. *Diagnostics (Basel)*. 2021;12(1):93.
12. **Huang YS**, Chen JL, Lan HT, Tai MH, Kuo SH, Shih JY, Chang YC. Xenon-enhanced Ventilation Computed Tomography for Functional Lung Avoidance Radiation Therapy in Patients with Lung Cancer. *Int J Radiat Oncol Biol Phys*. 2022 Aug Accepted.