JOURNAL PAPERS

[SCI IF=4.338, 13/122, RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING]

1. Jui-Hsun Fu, **Tzu-Chao Chuang**, Hsiao-Wen Chung, Hing-Chiu Chang, Huey-Shyan Lin, Shu-Shong Hsu, Po-Chin Wang, Shuo-Hsiu Hsu, Huay-Ben Pan, Ping-Hong Lai. "Discriminating pyogenic brain abscesses, necrotic glioblastomas and necrotic metastatic brain tumors by means of susceptibility-weighted imaging", Eur Radiol, 2014 Dec.(Published online)

[SCI IF=3.012, 25/122, RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING]

2. **Tzu-Chao Chuang***, Hsuan-Hung Huang, Hing-Chiu Chang, Ming-Ting Wu. "View-sharing PROPELLER with pixel-based optimal blade selection: application on dynamic contrast-enhanced imaging", <u>Medical Physics</u>, 41(6):062302; 2014 Jun.

[SCI IF=3.559, 19/122, RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING]

3. Teng-Yi Huang, Yu-Sheng Tseng, **Tzu-Chao Chuang***. "Automatic calibration of trigger delay time for cardiac magnetic resonance imaging", NMR in Biomedicine, 27(4):417-424; 2014 Apr.

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7. Yao-Hao Yang, Teng-Yi Huang, Fu-Nien Wang, **Tzu-Chao Chuang**, Nan-Kuei Chen, "Accelerating EPI Distortion Correction by Utilizing a Modern GPU-Based Parallel Computation", <u>Journal of Neuroimaging</u>, 23(2):202-206, 2013 Apr.

[SCI IF=2.682, 56/136, PSYCHIATRY]

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9. Hing-Chiu Chang, **Tzu-Chao Chuang**, Hsiao-Wen Chung, Huey-Shyan Lin, Ping-Hong Lai, Mei-Jui Weng, Jui-Hsun Fu, Po-Ching Wang, Shang-Chieh Li, Huay-Ben Pan, "Multilayer Appearance on Contrast-Enhanced Susceptibility-Weighted Images on Patients with Brain Abscesses: Possible Origins and Effects of Post-Processing", <u>Journal of Magnetic Resonance Imaging</u>, 36(6):1353–1361, 2012 Dec.

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12. **Tzu-Chao Chuang**, Teng-Yi Huang, Fa-Hsuan Lin, Fu-Nien Wang, Chun-Jung Juan, Hsaio-Wen Chung, Cheng-Yu Chen, Kenneth K. Kwong, "PROPELLER-EPI with Parallel Imaging using a circularly symmetric phase array RF coil at 3.0 T: Application to high resolution diffusion tensor Imaging", Magnetic Resonance in Medicine, 56:1 352-1358, 2006.

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- 3. Wei-Feng Hung, Po-Tsun Chen, **Tzu-Chao Chuang**, Hing-Chiu Chang, and Ming-Ting Wu. "High resolution volumetric T1 mapping using a novel MP3RAGE method", Annual Meeting of International Society of Magnetic Resonance in Medicine, Salt Lake City, Utah, U.S., 2013
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