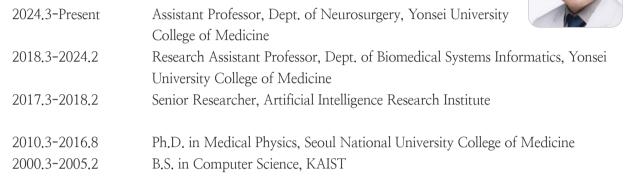
김휘영

Assistant Professor 연세의대 신경외과학교실

Educational Background & Professional Experience

& the 36th Spring Scientific Congress of the Korean Society for Bone and Mineral Research



Research Interests

AI in Medicine, Precision Medicine, Medical Physics

Publications

- 1. Hangnyoung Choi, Jae Han Kim, Hwiyoung Kim*, and Keun-Ah Cheon* "Identifying major predictors for parenting stress in a caregiver of autism spectrum disorder using machine learning models", Frontiers in Neuroscience (2023, IF=5.15)
- 2. Sooho Ahn*, Yoonah Do*, Hwiyoung Kim*, and Young Han Lee "Detection of Pacemaker and Identification of MRI-conditional Pacemaker Based on Deep-learning Convolutional Neural Networks to Improve Patient Safety", Journal of Medical Systems (2023, IF=5.30)
- 3. Hye Won Lee*, Hwiyoung Kim*, Taeyun Park, Beom Kyung Kim, and Seung Up Kim, "Machine learning-based hepatocellular prediction model for chronic hepatitis B with entecavir or tenofovir", Liver International (2023, IF=8.754)
- 4. Namki Hong*, Sang Wouk Cho*, Sungjae Shin, Seunghyun Lee, Seol A Jang, Seunghyun Roh, Young Han Lee, Yumie Rhee, Steven R Cummings, Hwiyoung Kim*, and Kyoung Min Kim*, "Deep-learning-based detection of vertebral fracture and osteoporosis using lateral spine X-ray radiography", Journal of Bone and Mineral Research (2023, IF=6.390)
- 5. Hwiyoung Kim*, Kye Ho Lee*, Kyunghwa Han, Ji Won Lee, Jin Young Kim, Dong Jin Im, Yoo Jin Hong, Byoung Wook Choi, and Jin Hur, "Performance of Deep Learning-based Pulmonary Nodule Detection with Synthetic Bone-suppressed Chest Radiographs". JAMA Network Open (2022, IF=13.350)