Curriculum Vitae

1. Personal Information			
Family Name	Kim	Given Name	Kyoung-Nam
Country	Korea		
Title and Degree	Ph.D.		
Affiliation	Gachon University		
Department	Biomedical Engineering	Position	Assistant Professor

2. Main Experience	
Major Field	*Electromagnetic analysis for ultra-high field magnetic resonance*
Education	(Nov. 01. 2011) University of Duisburg-Essen, GERMANY
Work Experience	· (Mar. 2016 – Present) Assistant Professor Department of Biomedical Engineering, Gachon University · (May. 18. 2015 – Feb. 28. 2016) Research Professor Neuroscience Research Institute, Gachon University, KOREA · (Dec. 01. 2012 – Apr. 30. 2015) Researcher SAIT (Samsung Advanced Institute of Technology), Samsung Electronics.
Research Interests or Major Publications	1. Improvements in RF Transmission for UHF MRI through a Bilateral Monopole Antenna. ELECTROMAGETICS (2018) 38:283-290 2. Magnetic field sensitivity at 7-T using dual-Helmholtz transmit-only coil and 12-channel receive-only bended coil. SCANNING (2016) 38:515-524 3. B1 propagation properties of combined circularly polarized mode in ultra-high-field MRI. ELECTRONICS LETTERS (2016) 52:591-592 4. Multi-port-driven birdcage coil for multiple-mouse MR imaging at 7 T. SCANNING (2016) 38:747-756 5. Influence of biological subject, shielding cage, and resonance frequency on radio wave propagation in a birdcage coil. ELECTRONICS LETTERS (2016) 52:801-803 6. Improvements in magnetic field intensity and uniformity for small-animal MRI through a high-permittivity material attachment. ELECTRONICS LETTERS (2016) 52:898-900 7. Development of Double-Layer Coupled Coil for Improving S/N in 7 T Small-Animal MRI. SCANNING (2015) 37:361–371