


Curriculum Vitae

Personal Information			
Title	Prof.		
Name	Yoonho Nam		
Degree	PhD		
Country	South Korea		
Affiliation	Hankuk University of Foreign Studies		
			
		Educational Background	
		<ul style="list-style-type: none"> - 2008 B.S., Electrical & Electronic Engineering, Yonsei University, Korea - 2014 Ph. D., Electrical & Electronic Engineering, Yonsei University, Korea 	
		Professional Career	
		<ul style="list-style-type: none"> - 2014-2015: Postdoctoral researcher, Laboratory for Imaging Science and Technology, Seoul National University - 2016-2020: Research professor, Department of Radiology, Seoul St. Mary's Hospital - 2020-2024: Assistant professor, Department of Biomedical Engineering, Hankuk University of Foreign Studies - 2025-: Associate professor, Department of Biomedical Engineering, Hankuk University of Foreign Studies 	
		Research Field	
<ul style="list-style-type: none"> - Advanced MR Imaging Techniques - Quantitative Medical Imaging - Machine Learning Applications for Medical Imaging 			
Main Scientific Publications			
<ul style="list-style-type: none"> - (first) Improved estimation of myelin water fraction using complex model fitting. <i>NeuroImage</i>, 2015, 116: 214-221. - (first) Imaging of nigrosome 1 in substantia nigra at 3T using multiecho susceptibility map-weighted imaging (SMWI). <i>Journal of Magnetic Resonance Imaging</i>, 2017, 46.2: 528-536. - (first) Physiological noise compensation in gradient-echo myelin water imaging. <i>NeuroImage</i>, 2015, 120: 345-349. - (co-first) MRI-visible dilated perivascular spaces in healthy young adults: A twin heritability study. <i>Human brain mapping</i>, 2020, 41.18: 5313-5324. - (co-first) MRI-visible perivascular spaces in the neonatal brain. <i>Radiology</i>, 2023, 307.2: e221314. - (corresponding) Single-scan z-shim method for reducing susceptibility artifacts in gradient echo myelin water imaging. <i>Magnetic resonance in medicine</i>, 2018, 80.3: 1101-1109. - (co-first) Single-scan R2* measurement with macroscopic field inhomogeneity correction. <i>Neuroimage</i>, 2012, 63.4: 1790-1799. - (first) Estimating age-related changes in in vivo cerebral magnetic resonance angiography using convolutional neural network. <i>Neurobiology of Aging</i>, 2020, 87: 125-131. - (co-corresponding) Brain MRI radiomics analysis may predict poor psychomotor outcome in preterm neonates. <i>European Radiology</i>, 2021, 31: 6147-6155. 			