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Degree	<ul style="list-style-type: none"> • 1990, Chungnam National University, South Korea, B.E. in Dept of Metal. Engi. • 1993, Chungnam National University, South Korea, M.E. . in Dept of Metal. Engi. • 2000, Chungnam National University, South Korea, Ph.D. in Dept of Metal. Engi.
Experience	<ul style="list-style-type: none"> • 2010.03~present Incheon National Unisversity Assistant Professor • 2008.03~2010.02 Junior College of Incheon, Assistant Professor • 1990.03~2008.02 Incheon Metropolitan City Office of Education. Government Employee
M a j o r	<ul style="list-style-type: none"> • Synthesis and Processing of Powder • MAterials recycle
Teaching	<ul style="list-style-type: none"> • Materials Flow Analysis • Softmagnetic materials
Representative Research	<ul style="list-style-type: none"> • Radio Waves Absorbtion • Magnetic Induction
Researches	<p><Paper></p> <ul style="list-style-type: none"> • Magnetic properties of(Nia-Znb)X Cu1-X ferrite nanoparticle fabricated by sol-gel process, Archives of Metallurgy and Materials, vol. 62, No, 2, pp1197~1200, 2017 • Study on Crystallization and Magnetic Property Deviation of Ni-Zn-Cu Ferrite Depending on the State of the Starting Material in the Annealing Process, Advances in Materials Science and Engineering, Online https://doi.org/10.1155/2017/2619749 • Influence of substituted elements on reflection loss of Ba-ferrite nanoparticle, Archives of Metallurgy and Materials, vol. 62, No, 2, pp1201-1264, 2017 • Lead acid battery recycling and material flow analysis of lead in Korea, Journal of Material Cycles and Waste Management, April 2018, Volume 20, Issue 2, pp 1348-1354 • Environment Emission and Material Flow Analysis of Chromium in Korea, Journal pf Korean Powder Metallurgy Institute, vol. 22, No, 3, pp187-196, 2015 • Study on the separation and extraction of Rare earth elements from the Phosphor recovered from End of life Fluorescent lamps, ARCHIVES OF METALLURGY AND MATERIALS, vol. 60, No, 2, pp1257-1260, 2015 • urification and Separation of Rare Earth Elements from CCFL with Extraction Chromatography - ARCHIVES OF METALLURGY AND METATERIALS, vol60, issue2, 1529-1533 (2015)
Current Research	<ul style="list-style-type: none"> • Soft magnetic material for radio wave absorption • Investigation on Materials Flow Analysis in Korea