

## **Short Bio of Jungho Ryu**

Dr. Jungho Ryu is the professor of school of materials science and engineering, Yeungnam university, Korea. He received the B.S. and M.S. degrees in materials science and engineering from Yeungnam University, Korea in 1996 and 1998, respectively. He awarded his Ph.D degree from school of materials science and engineering at Seoul National University, Korea in 2001 on Magnetolectric composite materials. During his Ph.D work, he had been working at the International Center for Actuators and Transducers (ICAT) of the Pennsylvania State University on magnetolectric composites and piezoelectric materials. After being awarded his Ph.D degree, Dr. Ryu became a post doctoral researcher at this center continuing his work on high power piezoelectric materials. Prior to joining Yeungnam Univerity in 2018, he was a senior engineer and project leader at Samsung Electro-Mechanics Co. Ltd, Korea (2003~2006) and a principal Researcher at Korea Institute of Materials Science (KIMS), Korea (2006-2018). His current research interests include the development and processing of the piezoelectric and ferroelectric devices, energy harvesting, ceramic processing, smart actuators, and functional thin/thick ceramics film fabrication through aerosol deposition method. He has authored over 300 publications in peer-reviewed international journals and >100 patents in the magnetolectric, piezoelectric materials and devices, and functional ceramic films. Total number of citation on his research articles are over 13800 times and h index is over 56 (as of March. 2023, Google scholar).