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### Education

- 2002. 3. Ph.D in Electronic Science, Shizuoka University, Hamamatsu, Japan  
Adviser: Yasuo Fukuda  
Dissertation; Preparation and characterization of functional compound coatings by arc-induced ion plating
- 1988.2. Master in Physics, Sungkyunkwan Univ., Suwon, Korea  
Adviser: Chong-yoon Park  
Dissertation; Construction and characterization of RHEED apparatus and the study on the semiconductor surface
- 1986.2. B.S. in Physics, Sungkyunkwan Univ., Suwon, Korea

### Publication

- 1. **Jae In Jeong**, Ji Hoon Yang, Jae Hun Jung, Kyung Hwang Lee, Hye Jeong Kim, Yong Hwa Jung, Tae Yeob Kim, Myeong Hoon Lee, Sung Hwa Hwang, Ping Wu, Jae-Hun Kim<sup>5</sup> & Sang Sub Kim, Super anticorrosion of aluminized steel by a controlled Mg supply, *Sci. Rep.* **8**, 3760 (2018)
- 2. S.W.Han, J.-S.Kang, S.S.Lee, G.Kim, S.J.Kim, C.S.Kim, J.Y.Kim, H.J.Shin, K.H.Kim, **J.I.Jeong**, B.G.Park, J.H.Park, B.I.Min, "Photoemission, soft x-ray absorption, and magnetic circular dichroism spectroscopy study of Fe<sub>1-x</sub>Cu<sub>x</sub>Cr<sub>2</sub>S<sub>4</sub>(0.1≤x≤0.5) spinel sulfides," *J. Phys. Condensed Matter* **18** (31), 7413 (2006).
- 3. S.W.Han, J.D.Lee, K.H.Kim, C.Mitra, **J.I.Jeong**, K.J.Kim, B.S.Kim, B.I.Min, J.H.Kim, S.C.Wi, J.-S.Kang, "Electronic structure of La<sub>0.7</sub>Ce<sub>0.3</sub>MnO<sub>3</sub> thin film ," *Physica Status Solidi (B) Basic Research* **241** (7), 1577 (2004).
- 4. S.W.Han, J.-S.Kang, K.H.Kim, J.D.Lee, S.C.Wi, C.Mitra, P.Raychaudhuri, S.Wirth, K.J.Kim, **J.I.Jeong**, S.K.Kwon, B.I.Min, "Photoemission and x-ray absorption spectroscopy study of electron-doped colossal magnetoresistive manganite La<sub>0.7</sub>Ce<sub>0.3</sub>MnO<sub>3</sub> films ," *Phys. Rev.* **B 69**, 1044061 (2004). (SCI, IF=3.718)
- 5. Yong Kim, Kyung Hwa Park, Won Chel Choi, Tae Hun Chung, Hong Jun Bark, Jae-Yeol Yi, **Jaein Jeong**, "Charge retention effects in metal-oxide-semiconductor structure containing Si nanocrystals prepared by ion-beam-assisted electron beam deposition," *Mater. Sci. Eng.* **B83**, 145 (2001). (SCI, IF=2.331)
- 6. J.-S.Kang, H.Han, B.W.Lee, C.G.Olson, S.W.Han, K.H.Kim, **J.I.Jeong**, J.H.Park, and B.I.Min, "Electronic structure of the double-perovskite Ba<sub>2</sub>FeMoO<sub>6</sub> using photoemission spectroscopy ," *Phys. Rev.* **B 64**, 024429 (2001). (SCI, IF=3.718)