

**Publication list of Dr. H.W. Chang (張晃暉)**

**SCI Referred Papers:**

212. **H.W. Chang\***, S.U. Jen, D.H. Tseng, Y.H. Liao, H.Y. Hsieh, C.R. Wang, W.C. Chang, “Comparison on the  $\Delta E$  effect in  $\text{Fe}_{87}\text{Ga}_{13}$  alloy by doping Dy and Tb”, **Mater. Sci. Eng. B** 262, 114747 (2020).
211. Y.J. Wong, **H.W. Chang**, Y.I. Lee, W.C. Chang\*, C.H. Chiu, and C. C. Mo, “Coercivity enhancement for thicker sintered NdFeB magnets by grain boundary diffusion with low-melting  $\text{Tb}_{75-x}\text{Ce}_x\text{Cu}_{25}$  ( $x=0-45$ ) alloys” **J. Magn. Magn. Mater.** 515, 167287 (2020).
210. T.K. Lin, **H.W. Chang\***, C.R. Wang, D.H. Wei, C.S. Tu, “Multiferroic and nanomechanical properties of  $\text{Bi}_{1-x}\text{R}_x\text{FeO}_3$  polycrystalline films ( $\text{R} = \text{La, Pr, Sm, and Ho; } x = 0-0.15$ )”, **J. Alloys Compds.** 846, 156080 (2020).
209. **H.W. Chang\***, S.U. Jen, D.H. Tseng, Y.H. Liao, H.Y. Hsieh, W.C. Chang, “Magneto-mechanical properties of  $\text{Fe}_{100-x}\text{Al}_x$  alloys ( $x = 14-27$ ) prepared by directional solidification”, **J. Alloys Compds.** 844, 156086 (2020).
208. T.K. Lin, **H.W. Chang\***, C.R. Wang, D.H. Wei, C.S. Tu, W.C. Chang, “Multiferroic properties of  $\text{Bi}_{0.95}\text{R}_{0.05}\text{FeO}_3$  polycrystalline films on the glass substrates ( $\text{R} = \text{La, Pr, Nd, Sm and Ho}$ )”, **Mater. Lett.** 276, 128216 (2020).
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205. T.K. Lin, **H.W. Chang\***, B.A. Chen, C.R. Wang, D.H. Wei, C.S. Tu, “Effect of Pr substitution on the structure, nanomechanical and multiferroic characterizations of  $\text{Bi}_{1-x}\text{Pr}_x\text{FeO}_3$  polycrystalline films”, **Surf. Coat. Techno.** 393, 125728 (2020).
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203. Yeong-Maw Hwang, C.T. Pan, Ying-Xu Lu, Sheng-Rui Jian\*, **Huang-Wei Chang\***, Jenh-Yih Juang, “Influence of post-annealing on the structural and nanomechanical properties of Co thin films”, **Micromachines** 11, 180 (2020).

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194. Y.I. Lee, Y.J. Wong, **H.W. Chang**, W.C. Chang, “Coercivity enhancement of hot-deformed NdFeB magnets by doping R<sub>80</sub>Ga<sub>20</sub> (R= Pr, Dy, Tb) alloys”, **J. Magn. Magn. Mater.** 478, 43 (2019).
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