

MagQuan/XacQuan 磁性分析儀發表期刊論文

1. C. Y. Tsay, S. J. Liang, C. M. Lei, Y. C. Lin, C. L. Lin. Effect of sintering temperature on the microstructural, magnetic and microwave properties of magnesium-manganese ferrites. *Ferroelectr.* 2012. 435: 1, 62-68
2. Y. T. Chen, S. H. Lin, Y. C. Lin. Effect of low-frequency alternative-current magnetic susceptibility in $\text{Ni}_{80}\text{Fe}_{20}$ Thin Films. *J. Nanomater.* 2012. 2012: 186138, 1-6.
3. Y. T. Chen, Z. G. Chang. Low-frequency alternative-current magnetic susceptibility of amorphous and nanocrystalline $\text{Co}_{60}\text{Fe}_{20}\text{B}_{20}$ films, *J. Magn. Mater.* 2012. 324: 14, 2224-2226,
4. Y. T. Chen, S. M. Xie, H. Y. Jheng. The low-frequency alternative-current magnetic susceptibility and electrical properties of $\text{Si}(100)/\text{Fe}_{40}\text{Pd}_{40}\text{B}_{20}(\text{X}\text{\AA})/\text{ZnO}(500\text{\AA})$ and $\text{Si}(100)/\text{ZnO}(500\text{\AA})/\text{Fe}_{40}\text{Pd}_{40}\text{B}_{20}(\text{Y}\text{\AA})$ systems. *J. Appl. Phys.* 2013. 113: 17B303, 1-3.
5. Y. T. Chen, W. H. Hsieh. Thermal, magnetic, electric, and adhesive properties of amorphous $\text{Co}_{60}\text{Fe}_{20}\text{B}_{20}$ thin films. *J. Alloys Compd.* 2013. 552, 283-288.
6. C. Poonjarernsilp, N. Sano, N. Sawangpanich, T. Charinpanitkul, H. Tamon. Effect of $\text{Fe}/\text{Fe}_2\text{O}_3$ loading on the catalytic activity of sulfonated single-walled carbon nanohorns for the esterification of palmitic acid. *Green Chem.* 2014. 16: 12, 4936-4943.
7. Y. T. Chen, S. H. Lin, T. S. Sheu. Effect of low-frequency AC magnetic susceptibility and magnetic properties of $\text{CoFeB}/\text{MgO}/\text{CoFeB}$ magnetic tunnel junctions. *Nanomater.* 2014. 4: 1, 46-54.
8. N. Sano, D. Himara, H. Tamon. Simultaneous enhancement in porosity and magnetic property of Fe-dispersing single walled carbon nanohorns by oxidation using CO_2 . *Chem. Eng. J.* 2015. 271: 43-49.
9. W. S. Lin, Y. H. Han, T. Y. Chang, C. M. Wang, C. H. T. Chang, J. S. Tsay, Photomagnetic carbon nanotubes at ambient conditions. *J. Phys. Chem. C* 2015. 119, 20673–20680
10. Y. T. Chen, H. Y. Jheng. Low-frequency magnetic susceptibility and photoelectric properties of $\text{Glass}/\text{Fe}_{40}\text{Pd}_{40}\text{B}_{20}(\text{X}\text{\AA})/\text{ZnO}(500\text{\AA})$ and $\text{Glass}/\text{ZnO}(500\text{\AA})/\text{Fe}_{40}\text{Pd}_{40}\text{B}_{20}(\text{Y}\text{\AA})$. DOI: 10.6343/ISU.2015.00086
11. C. Y. Tsay, S. C. Liang, C. M. Lei, C. C. Chang. A comparative study of the magnetic and microwave properties of Al^{3+} and In^{3+} substituted Mg-Mn ferrites. *Ceram. Int.* 2016. 42, 4748-4753.
12. N. Sano, K. Yamada, T. Suntornlohanakul, H. Tamon. Low temperature oxidation of Fe-included single-walled carbon nanohorns in water by ozone

- injection to enhance porous and magnetic properties. Chem. Eng. J. 2016. 283: 978-981.
13. N. Sano, K. Yamada, S. Tsunauchi, H. Tamon. A novel solid base catalyst for transesterification of triglycerides toward biodiesel production: carbon nanohorn dispersed with calcium ferrite. Chem. Eng. J. 2017. 307: 135-142.
 14. S. L. Ou, W. J. Liu, Y. H. Chang, Y. T. Chen, Y. T. Wang, W. H. Li, J. Y. Tseng, T. H. Wu, P. W. Chi, C. L. Chu. Structure, Magnetic Property, Surface Morphology, and Surface Energy of $\text{Co}_{40}\text{Fe}_{40}\text{V}_{10}\text{B}_{10}$ Films on Si(100) Substrate. Appl. Sci. 2020. 10, 449.
 15. W. J. Liu, Y. H. Chang, S. L. Ou, Y. T. Chen, W. H. Li, T. Y. Jhou, C. L. Chu, T. H. Wu, and S. W. Tseng, 2020, Effect of annealing on the structural, magnetic, surface energy and optical properties of $\text{Co}_{32}\text{Fe}_{30}\text{W}_{38}$ films deposited by direct-current magnetron sputtering, Coatings, Vol. 10, No. 11, pp. 1028, 1-13.
 16. W. J. Liu, S. L. Ou, Y. H. Chang, Y. T. Chen, Y. C. Chiang, S. C. Hsu, and C. L. Chu, 2021, The characteristics of $\text{Co}_{40}\text{Fe}_{40}\text{W}_{10}\text{B}_{10}$ thin films on Glass and Si(100) substrates, Optik-International Journal for Light and Electron Optics, Vol. 226, No. 1, pp. 165905, 1-9