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Non-linear V-I Characters of LSMO/PAn/Co/Al Organic Spin-Valve¹ Z.L. LIU, H.G. CHENG, Z.H. QIN, J. CHEN, X.J. WANG, Huazhong University of Science and Technology — The present paper used the magnetron sputtering and Sol-Gel method to prepare the organic spin-valves composed of $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ (LSMO)/ polyaniline (PAN)/Co/Al. We Adopted the four probe to study the MR of the spin valve and observed the non-linear V-I characters. The TMR effect in the organic spin valve was also studied.

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