

Selected Publications 2008

Zhang, K.; Lieb, K. P.; Bibić, N.; Pilet, N.; Ashworth, T. V.; Marioni, M. A.; Hug, H. J. Microstructural and magnetic properties of thermally mixed Ni/Si bilayers. *J. Phys. D* 2008, 41 (9), 095003 (6 pp.).

<https://doi.org/10.1088/0022-3727/41/9/095003>

Ghasemi, S. A.; Goedecker, S.; Baratoff, A.; Lenosky, T.; Meyer, E.; Hug, H. J. Ubiquitous mechanisms of energy dissipation in noncontact atomic force microscopy. *Phys. Rev. Lett.* 2008, 100 (23), 236106 (4 pp.). <https://doi.org/10.1103/PhysRevLett.100.236106>

Schmid, I.; Kappenberger, P.; Hellwig, O.; Carey, M. J.; Fullerton, E. E.; Hug, H. J. The role of uncompensated spins in exchange biasing. *Europhys. Lett.* 2008, 81 (1), 170001 (5 pp.).

<https://doi.org/10.1209/0295-5075/81/17001>

Hoogenboom, B. W.; Frederix, P. L. T. M.; Fotiadis, D.; Hug, H. J.; Engel, A. Potential of interferometric cantilever detection and its application for SFM/AFM in liquids. *Nanotechnology* 2008, 19, 384019 (6 pp.). <https://doi.org/10.1088/0957-4484/19/38/384019>