

Axel Hoffmann publications

Magnetic field enhancement of non-local spin signals in Ni₈₀Fe₂₀/Ag lateral spin valves

G. Mihajlović, S. I. Erlingsson, K. Výborný, J. E. Pearson, S. D. Bader, and A. Hoffmann,
Physical Review B, submitted.

Role of anisotropy configuration in exchange-biased systems

E. Jiménez, J. Camarero, P. Perna, N. Mikuszeit, F. J. Teran, J. Sort, J. Nogués, J. M. García-Martín, A. Hoffmann, B. Dieny, and R. Miranda
Journal for Applied Physics, submitted.

Detection and quantification of inverse spin Hall effect from spin pumping in permalloy/normal metal bilayers

O. Mosendz, V. Vlaminck, J. E. Pearson, F. Y. Fradin, G. E. W. Bauer, S. D. Bader, and A. Hoffmann,
Physical Review B **82**, 214403 (2010).

Enhanced spin signals due to native oxide formation in Ni₈₀Fe₂₀/Ag lateral spin valves

G. Mihajlović, D. K. Schreiber, Y. Liu, J. E. Pearson, S. D. Bader, A. K. Petford-Long, and A. Hoffmann,
Applied Physics Letters **97**, 112501 (2010).

Magnetic memory based on La_{0.7}Ca_{0.3}MnO₃/YBa₂Cu₃O₇/La_{0.7}Ca_{0.3}MnO₃ ferromagnet/superconductor hybrid structures

N. M. Nemes, C. Visani, C. Leon, M. Garcia-Hernandez, F. Simon, T. Fehér, S. G. E. te Velthuis, A. Hoffmann, and J. Santamaria,
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Surface Spin Flip Probability of Mesoscopic Ag Wires

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Broadband Mag-Noise of Patterned Permalloy Thin Films

H. Zhang, C. Li, R. Divan, A. Hoffmann, and P. Wang,
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Temperature dependent nucleation and annihilation of individual magnetic vortices

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Quantifying Spin Hall Angles from Spin Pumping: Experiment and Theory

O. Mosendz, J. E. Pearson, F. Y. Fradin, G. E. W. Bauer, S. D. Bader, and A. Hoffmann,
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Erratum: “Translational-mode dynamics of exchange-biased vortices” [J. Appl. Phys. 103, 07B102 (2008)]

K. S. Buchanan, A. Hoffmann, V. Novosad, and S. D. Bader
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Suppression of spin-pumping by a MgO tunnel-barrier

O. Mosendz, J. E. Pearson, F. Y. Fradin, S. D. Bader, and A. Hoffmann,
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Pure Spin Currents

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Direct-current effects on magnetization reversal properties of submicron-size Permalloy patterns for radio-frequency devices

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DC Current Effects on High-Frequency Properties of Patterned Permalloy Thin Films

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Pure Spin-Currents

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