

List of publications

1. "Two-dimensional circularly-polarized-light photoelectron diffraction for the analysis of magnetic and electronic properties on surface",
K. Enomoto, Y. Miyatake, K. Fukumoto, A. Kobayashi, K. Hattori, H. Daimon, M. Kotsugi, S. Suga, T. Nakatani, and T. Matsushita,
Surf. Rev. Lett., **7**,(2000)643.
2. "Effective magnetic quantum number and effective emitter-scatterer distance obtained from $W 4f$ photoelectron diffraction induced by circularly polarized light on $W(110)$ ",
K. Hattori, A. Kobayashi, K. Fukumoto, Y. Miyatake, H. Daimon, M. Kotsugi, S. Suga, T. Nakatani, and T. Matsushita,
Surf. Sci., **493** (2001) 15.
3. "Construction of two-dimensional photoelectron spectrometer at SPring-8",
M. Kotsugi, Y. Miyatake, K. Enomoto, K. Fukumoto, A. Kobayashi, T. Nakatani, Y. Saitoh, T. Matsushita, S. Imada, T. Furuta, S. Suga, K. Soda, M. Jinno, T. Hirano, K. Hattori, and H. Daimon,
Nucl. Inst., **467** (2001) 1493.
4. "Stereo-microscopy of atomic arrangements on thin films using circular dichroism in x-ray photoelectron angular distribution",
S. Okamoto, A. Nakamoto, S. Hayashi, K. Fukumoto, T. Nakatani, T. Matsushita, K. Hattori, and H. Daimon,
Trans. Magn. Soc. Japan, **2** (2002) 228.
5. "Layer-resolved magnetic domain imaging using X-ray photoelectron emission microscopy",
W. Kuch, L. I. Chelaru, F. Offi, M. Kotsugi, X. Y. Gao, K. Fukumoto, and J. Kirschner,
Sync. Rad. News, **15** (2002) 12.
6. "Micromagnetic properties of the Cu/Ni crossed-wedge film on $Cu(001)$ ",
K. Fukumoto, H. Daimon, L. Chelaru, F. Offi, W. Kuch, and J. Kirschner,
Surf. Sci., **514** (2002) 151.

7. "Magnetic interface coupling in single-crystalline Co/FeMn bilayers",
W. Kuch, F. Offi, L. I. Chelaru, M. Kotsugi, K. Fukumoto, and J. Kirschner,
Phys. Rev. B, **65** (2002) 140408.
8. "Layer-resolved imaging of magnetic interlayer coupling by domain-wall stray fields",
W. Kuch, L. I. Chelaru, K. Fukumoto, F. Porrati, F. Offi, M. Kotsugi, and J. Kirschner,
Phys. Rev. B, **67** (2003) 214403.
9. "Induced Fe and Mn magnetic moments in Co-FeMn bilayers on Cu(001)",
F. Offi, W. Kuch, L. I. Chelaru, K. Fukumoto, M. Kotsugi, and J. Kirschner,
Phys. Rev. B, **67** (2003) 94419.
10. "Time-resolved magnetic domain imaging by X-ray photoemission electron microscopy",
J. Vogel, W. Kuch, M. Bonfim, J. Camarero, Y. Pennec, F. Offi, K. Fukumoto, J. Kirschner,
A. Fontaine, and S. Pizzini,
Appl. Phys. Lett., **82** (2003) 2299.
11. "Application of atomic stereomicroscope to surface science",
T. Nakatani, T. Matsushita, Y. Miyatake, T. Nohno, A. Kobayashi, K. Fukumoto, S. Okamoto,
A. Nakamoto, F. Matsui, K. Hattori, M. Kotsugi, Y. Saitoh, S. Suga, and H. Daimon,
Surf. Sci., **71** (2003) 217.
12. "Exploring spin valve magnetization reversal dynamics with temporal, spatial and layer resolution: Influence of domain wall energy",
W. Kuch, J. Vogel, J. Camarero, K. Fukumoto, Y. Pennec, M. Bonfim, S. Pizzini, and J. Kirschner,
Appl. Phys. Lett., **85** (2004) 440.
13. "Time and layer resolved magnetic domain imaging of FeNi/Cu/Co trilayers using X-ray photoelectron emission microscopy (invited)",
J. Vogel, W. Kuch, J. Camarero, K. Fukumoto, Y. Pennec, M. Bonfim, S. Pizzini, F. Petroff,
A. Fontaine, and J. Kirschner,
J. Appl. Phys., **95** (2004) 6533.
14. "Switching-mode-dependent magnetic interlayer coupling strength in spin valves and magnetic tunnel junctions",
Y. Pennec, J. Camarero, J. C. Toussaint, S. Pizzini, M. Bonfim, W. Kuch, F. Offi, K. Fukumoto,
F. van Dau Nguyen, and J. Vogel,
Phys. Rev. B, **69** (2004) 180402(R).

15. "Atomic structure of Fe thin-films on Cu(001) studied with Stereoscopic photography",
A. N. Hattori, M. Fujikado, T. Uchida, S. Okamoto, K. Fukumoto, F. Z. Guo, F. Matsui, K. Nakatani, T. Matsushita, K. Hattori, and H. Daimon,
Appl. Surf. Sci., **237** (2004) 311.
16. "Mobility of domain wall motion in the permalloy layer of a spin-valve-like Fe₂₀Ni₈₀/Cu/Co trilayer",
K. Fukumoto, W. Kuch, J. Vogel, J. Camarero, S. Pizzini, F. Offi, Y. Pennec, M. Bonfim, A. Fontaine, and J. Kirschner,
accepted for publication in J. Magn. Magn. Matt.
17. "Dynamics of magnetic domain wall motion after nucleation to Walker limit field: Dependence on the wall energy",
K. Fukumoto, W. Kuch, J. Vogel, J. Camarero, S. Pizzini, F. Romanens, M. Bonfim, and J. Kirschner,
unpublished
18. "Interplay between magnetic anisotropy and interlayer coupling in nanosecond magnetization reversal of spin-valve trilayer",
J. Vogel, W. Kuch, J. Camarero, K. Fukumoto, Y. Pennec, S. Pizzini, M. Bonfim, F. Petroff, A. Fontaine, and J. Kirschner,
Phys. Rev. B, **71**, (2005) 060404(R).
19. "Influence of domain wall interactions on nanosecond switching in magnetic tunnel junctions",
J. Vogel, W. Kuch, R. Hertel, J. Camarero, K. Fukumoto, F. Romanens, S. Pizzini, M. Bonfim, F. Petroff, A. Fontaine, and J. Kirschner,
unpublished

