

PUBLICATION LIST OF FUNCTIONAL NANOSTRUCTURES BEFORE 2012

1. L. Bottyán, D.G. Merkel, B. Nagy, J. Füzi, Sz. Sajti, L. Deák, G. Endrőczy, A.V. Petrenko, J. Major:

GINA—A polarized neutron reflectometer at the Budapest Neutron Centre

[Rev. Sci. Instrum. 84 \(2013\) 015112.](#)

2. D.G. Merkel, B. Nagy, Sz. Sajti, E. Szilágyi, R. Kovács-Mezei, L. Bottyán:

Higher harmonics suppression in Fe/Si polarizing neutron monochromators

[Nucl. Instr. Meth. A 704 \(2013\) 92 - 97.](#)

3. B. Nagy, Y.N. Khaydukov, L.F. Kiss, S. Sajti, D.G. Merkel, F. Tanczikó, A.S. Vasenko, R.O. Tsaregorodsev, A.S. Rühm, T. Keller, L. Bottyán:

Controlling Exchange Coupling Strength in $\text{Ni}_x\text{Cu}_{1-x}$ Thin Films

[J. Supercond. Nov. Magn. 26 \(2013\) 1957 - 1961.](#)

4. L. Bottyán, D.G. Merkel, B. Nagy, J. Major:

Neutron Reflectometer with Polarization Option at the Budapest Neutron Centre

[Neutron News 23 \(2012\) 21 - 24.](#)

5. L. Deák, T Fülöp:

Reciprocity in quantum, electromagnetic and other wave scattering

[Ann. Phys. - New York 327 \(2012\) 1050 - 1077.](#)

6. L. Deák, L. Bottyán, T. Fülöp, G. Kertész, D.L. Nagy, R. Ruffer, H. Spiering, F. Tanczikó, G. Vankó:

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8. A. Geresdi, A. Halbritter, F. Tanczikó, G. Mihály:

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9. Yu.N. Khaydukov, V.L. Aksenov, Yu.V. Nikitenko, K.N. Zhernenkov, B. Nagy, A. Teichert, R. Steitz, A. Rühm, L. Bottyán:

Magnetic Proximity Effects in V/Fe Superconductor/Ferromagnet Single Bilayer Revealed by Waveguide-Enhanced Polarized Neutron Reflectometry

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10. D.G. Merkel, L. Bottyán, F. Tanczikó, Z. Zolnai, N. Nagy, G. Vértesy, J. Waizinger, L. Bommer:

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11. D.G. Merkel, Z.E. Horváth, D.E. Szócs, R. Kovács-Mezei, G.Gy. Kertész, L. Bottyán:

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